P-8F – Terrestrial Visual Encounter Surveys Technical Report

2011 Report

TETRA TECH

Boardman to Hemingway Transmission Line Project

2011 Terrestrial Visual Encounter Surveys

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Boardman to Hemingway Transmission Line Project

2011 Terrestrial Visual Encounter Surveys

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ABBREVIATIONS AND ACRONYMS

BLM	Bureau of Land Management
BpS	Biophysical Settings
BSWP	Revised Final Biological Survey Work Plan, Volume 1
EFSC	Energy Facility Siting Council
ES	Ecological Systems
ESP	Environmental Site Potential
EVT	Existing Vegetation Type
GIS	Geographic Information System
IDFG	Idaho Department of Fish and Game
IPC	Idaho Power Company
IFWIS	Idaho Fish and Wildlife Information System
IPC	Idaho Power Company
kV	kilovolt
LSI	Land Services, Inc.
NAIP	National Agriculture Imagery Program
NEPA	National Environmental Policy Act
NRCS	Natural Resources Conservation Service
NWI	National Wetland Inventory
ODFW	Oregon Department of Fish and Wildlife
ODOE	Oregon Department of Energy
ONHP	Oregon Natural Heritage Program
PGE	Portland General Electric
ReGAP	Regional Gap Analysis Project
ROW	Right-of-Way
TVES	Terrestrial Visual Encounter Surveys
USFS	U.S. Forest Service
USGS	U.S. Geological Survey
USFWS	U.S. Fish and Wildlife Service

1.0 INTRODUCTION

Idaho Power Company (IPC) is proposing to construct and operate a new, approximately 300-mile long, single-circuit 500 kilovolt (kV) electric transmission line between northeast Oregon and southwest Idaho called the Boardman to Hemingway Transmission Project (hereinafter referred to as the Project). The overhead, 500-kV transmission line will carry energy bi-directionally between a Portland General Electric (PGE) proposed substation (Grassland Substation) adjacent to the existing Boardman Generating Plant, near Boardman in Morrow County, Oregon, and Idaho Power's existing Hemingway Substation, located near Melba in Owyhee County, Idaho. The Project will traverse federal, state, and private lands in six counties in Oregon and Idaho (Figure 1-1).

The Project would result in disturbances related to the construction of permanent facilities such as transmission tower pads, substations, regeneration stations, and permanent access roads, as well as temporary disturbances related to fly yards, lay down areas, tensioning sites, and temporary access roads. In addition, the Project would include the initial construction clearing and continued maintenance of tree heights located near the transmission line, resulting in permanent impacts to some forested areas. To help determine the degree of impact that could occur due to the construction and operation of these Project components, the occurrence of special status wildlife species along the Project needs to be determined.

The Project, as proposed, would cross both private and public lands. Public lands that would be crossed are managed, in part, with the intent of conserving and improving wildlife populations, and public land managers have gathered data on lands they manage over the years. Data for private lands, with the exception of some statewide data gathered by state wildlife management agencies, are largely unavailable. This means that existing databases could not always be used to determine the locations of special status species that could be impacted by the Project consistently across jurisdictions. Therefore, Terrestrial Visual Encounter Surveys (TVES) were implemented to supplement existing data.

This technical report describes the survey area (as of April 2011) and the process implemented to delineate the survey area for 2011, as well as the protocols used to conduct the TVES. The primary goal of this survey effort was to identify unknown locations or habitat for special status species to assist in siting the Project. The April 2011 proposed Project route also included three alternatives: North Bombing Range, Grasshill, and Double Mountain (Figure 1-1).

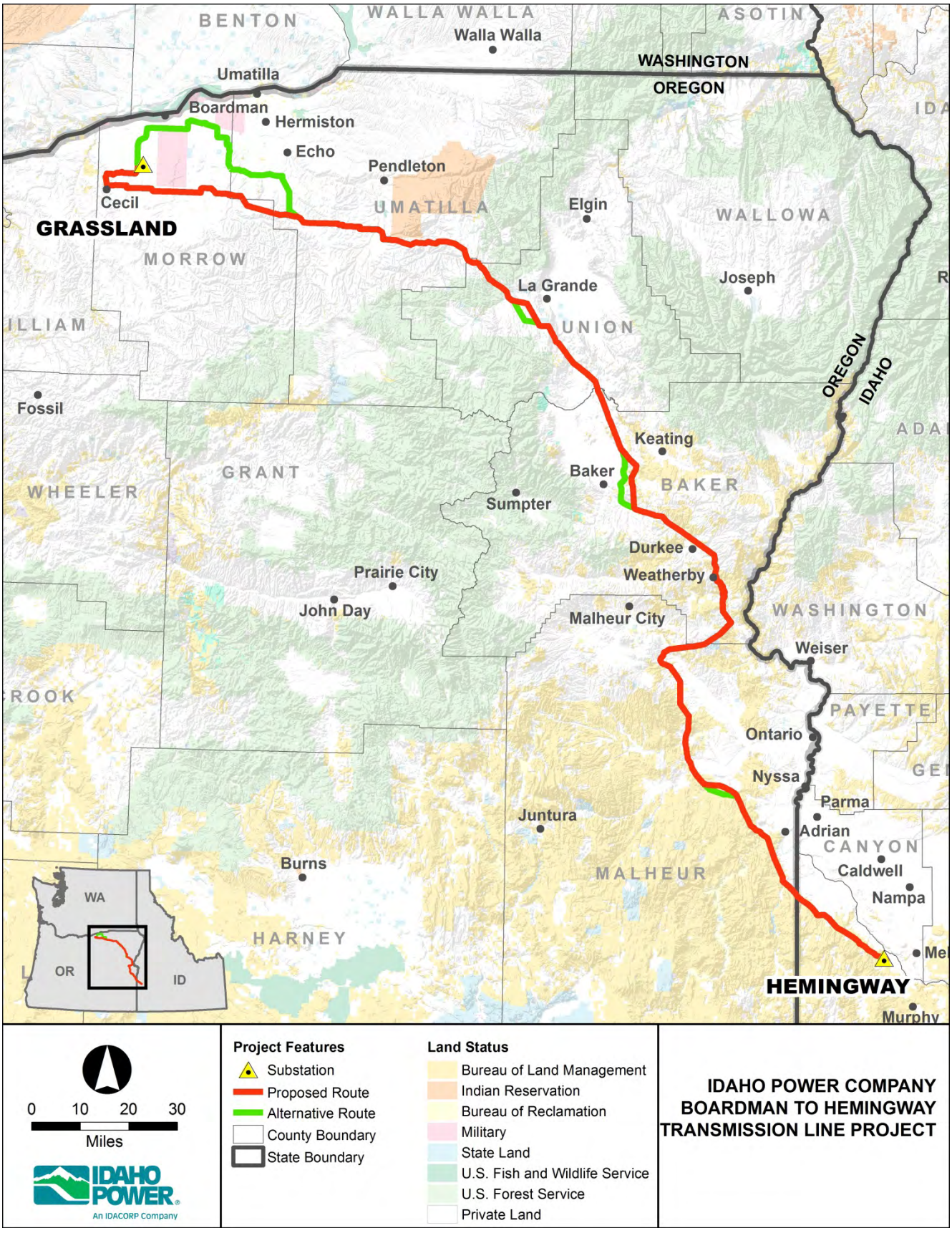


Figure 1-1. Proposed Project

2.0 SURVEY AREA

The survey area included IPC's proposed route and most of the route alternatives, including permanent project features, such as transmission tower pads, substations, communication stations, and access roads, as well as temporary disturbances related to fly yards, lay down areas, tensioning sites, and access roads. The survey route started at the proposed Grassland Substation near Boardman, Oregon and ended at the Hemingway Substation near Melba, Idaho.

The survey area consisted of a 500-foot wide buffer (250-feet each side) of the centerline of the Project's proposed route and alternative routes. In three areas difficult terrain and land ownership patterns created a need for flexibility in siting of the transmission line. In these areas, the survey area was expanded to a 1,000-foot wide buffer for 37.5 miles and a 2,000-foot wide buffer for 9.1 miles. A 50-foot survey buffer was established around all other Project features including staging areas, fly yards, substations, communication sites, and roads.

Approximately 380 miles of proposed transmission line corridor (including alternatives) and 303 miles of proposed access roads needed to be surveyed to help support the evaluation of potential impacts and to demonstrate compliance with Oregon Department of Energy (ODOE)-Energy Facility Siting Council (EFSC) standards.

Landowner permission was required prior to surveying private lands; many private landowners either declined access or did not acknowledge requests for access to their lands for surveys. Therefore, field surveys could not be conducted along the entire length of the Project on private lands.

3.0 METHODS

The TVES methods utilized for this study were adapted from the U.S. Department of Agriculture Forest Service (USFS) Multiple Species Inventory and Monitoring Technical Guide (Manley et al. 2006). The TVES were utilized to effectively record birds, mammals, and reptiles along the Project route that other species-specific surveys may have missed. Water dependent species, such as amphibians and water birds (ducks, geese, shorebirds, etc.) were not directly surveyed for using this method.

Federal- and state-listed species, designated as Sensitive by the Bureau of Land Management (BLM) and USFS, as well as the USFS Management Indicator Species, are collectively referred to as special status species (Appendix A). These special status species were surveyed concurrently with other Project related protocol surveys using the TVES method (Manley et al. 2006). The TVES are a walking survey that identifies species presence through evidence of use. TVES include visual and auditory confirmation of a species, and evidence of sign such as burrows, nests, feathers, fecal material, and tracks. The focus of the TVES was on special status species and their habitat; however, all species encountered were identified to the extent practical.

Other than functioning as a general wildlife survey, this survey also recorded ecological systems, noxious weed populations, unique habitats, potential wetlands, and areas where proposed roads may cross streams or drainages. The recorded ecological systems were part of Phase 2 Habitat Surveys (Tetra Tech 2011a, Section 3.4). This data will be incorporated into final preparation of habitat category maps to be submitted to the Oregon Department of Fish and Wildlife (ODFW) in support of Fish and Wildlife Habitat Mitigation Policy (OAR 635-415-000) (see Section 3.2).

3.1 Pre Field Survey Data Collection and Training

Existing data was collected prior to conducting field surveys. A significant portion of existing data were in Geographic Information Systems (GIS) format, which contains information such as species observations, species distribution, wildlife habitat models, vegetation and land cover data, hydrology, aerial photography, land ownership, and political and municipal data. Table 3-1 lists the spatial data that has been collected to date.

Table 3-1. Flora and Fauna Occurrence and Habitat Data Requested

Data Name/Type	Data Source
Aerial Photos	NAIP
Soil Types	NRCS SSURGO soil map
Site Condition Classes (e.g. gradient, aspect, primary community vegetation)	Nature Serve
Elevation	USGS National Elevation Dataset
Current land use	GAP
	BLM
	Forest Service
Historic wildland fires	BLM
Existing roads	Oregon Department of Transportation
	Idaho transportation Department
	ESRI
Existing canals, rivers, streams, and water bodies	National Hydrologic Dataset
Existing wetlands	National Wetlands Inventory (NWI)
Irrigated agricultural lands	Agriculture Census of the United States
Wildlife occurrence and habitat data	ODFW
	IDFW
	Oregon Natural Heritage Program Database
	Idaho Fish and Wildlife Information System
	BLM
	Boardman Bombing Range data
	StreamNet

Historic sightings of Special Status wildlife and botanical species were overlaid on the B2H Project route map (Appendix B – wildlife only). This mapping exercise helped alert field staff to the increased potential of encountering a listed species in a particular area along the route. The Northwest Regional Gap Analysis Project (ReGAP; OSU 2007), which is the most current and accurate spatial land cover dataset that encompasses the entire survey area, was utilized to map the existing land cover and vegetation classification systems that will ultimately form the foundation of the vegetation mapping. Ecological Systems (ES), as defined under the National Vegetation Classification System (NVCS), are a regionally consistent medium-scaled land cover classification used by ReGAP.

Prior to surveying in areas of potential pygmy rabbit habitat, the TVES crew met with Bruce Schoeberl, a wildlife biologist from the BLM Bruneau Field Office. Bruce took field staff to an active pygmy rabbit colony near Grandview, Idaho and showed them a multitude of burrows and pellets, and discussed the indicative characteristics of pygmy rabbit sign.

3.2 Field Survey

To conduct the TVES, three observers systematically surveyed for wildlife and their sign, and documented vegetation communities by traversing the 500-foot survey corridor along evenly spaced meandering transects. One observer walked the centerline while the other two observers walked at a distance of 150 feet to 175 feet from either side of the centerline. This allowed the observers to cover the entire corridor in one pass. Three observers are recommended to reduce observer fatigue, improve consistency in identifications by comparing observations, and provide a second opinion for difficult identifications. The center observer is focused on recording ecological systems, noxious weed populations, unique habitats, potential wetlands, and areas where proposed roads may cross streams or drainages. Only 2 observers, 1 wildlife biologist and 1 botanist, were required to survey the proposed roads, due to the narrower 50-foot wide survey corridor.

In potential pygmy rabbit habitat, one of the field biologists concentrated on surveying for burrows and pellets of pygmy rabbits. Protocol level surveys were conducted if pygmy rabbits, or evidence of pygmy rabbit activity, were documented during the TVES within the survey area. This protocol is presented in Appendix B-11of the Revised Final Biological Survey Work Plan, Volume 1 (BSWP) (Tetra Tech 2011a). Protocol level surveys for burrowing owls were conducted at a later date where evidence of this species was recorded during the TVES. This protocol is presented in Appendix B-10 of the BSWP (Tetra Tech 2011a).

The perpendicular distance to all detections was recorded to enable the calculation of probability of detection. The following information was also recorded for each wildlife detection: observer, time, species, quantity, detection type (visual, auditory, capture, sign), age class when possible (juvenile or adult), gender when possible, and habitat type (i.e. forest, grassland, agriculture, sagebrush steppe). Wildlife sign could include tracks, scat, whitewash, regurgitated pellets, nests, feathers, burrows, foraging marks, territory marks, prey remains, and food caches. All unusual or unknown wildlife sign was collected or photographed to illustrate any diagnostic characteristics that were later used to positively identify the species. Photographs were taken of special status wildlife species when possible to enhance the accuracy of species identification.

At each change in vegetation community, the survey crew took a photograph of the community, recorded dominant tree, shrub and herbaceous plant species and their percent composition. The habitat category of the community was recorded, using the habitat categorization metric presented in Appendix F of the BSWP (Tetra Tech 2011a). Noxious weeds, unique habitats, potential wetlands, and locations where access roads may cross streams were also recorded. Photographs were also taken of potential wetlands and stream crossings.

The survey crew used GPS technology for data collection activities. A Trimble GeoXT resource-grade receiver loaded with ArcPad software was used for navigation within the survey area and recording observations. Corresponding general wildlife usage notes were written on field maps and details on vegetation dominance was written on cover worksheets**.**

Three cover worksheets were completed per day in the field to assist in justifying the recorded ecological systems. The cover worksheet is divided into two sections: The Life Forms section, where canopy cover is estimated for important life forms (e.g., grass, forb, shrub, tree, succulents, and biological crusts) and the Ground Cover section, where the amount (cover) of bare ground, litter, standing dead vegetation, rock/gravel, biological crust, and plants are estimated. Dominant species and noxious or invasive species were recorded on the back of the cover worksheet.

Canopy cover is the estimated percentage of ground covered by plant foliage at the time the TVES was conducted. Species canopy cover is important for determining dominant species,

which relate directly to differences in vegetation community. Additionally, percent cover of native plants versus non-native plants was used to decipher between habitat categories in some cases. The cover in the Life Forms section includes cover estimates of the overlapping canopies of different life forms. For example, the cover of both a grass beneath a shrub canopy and the canopy cover of the shrub are estimated and recorded on the worksheet in the appropriate categories.

The Ground Cover section represents the proportion of the soil that is protected from being hit directly by a raindrop. Ground cover is the percentage of material (e.g., litter, standing dead vegetation, gravel/rocks, vascular plants, and biological crust), covering the land surface. In contrast with the Life Forms section, overlapping cover classes are not estimated. Ground cover is estimated by recording cover estimates of the first contact (i.e., highest contact above soil surface) with live vascular plants, standing dead vegetation, litter, biological crust, rock/gravel, and bare ground. The sum of these 6 cover categories should roughly total 100 percent, given the use of ranges of cover instead of discrete cover values on the form.

The ecological systems recorded during the TVES originated from the Northwest Regional Gap Analysis Project (ReGAP; OSU 2007) and was based on the definitions of NatureServe's terrestrial ecological systems classification (NatureServe 2010). Ecological systems represent recurring groups of biological communities that are found in similar physical environments and are influenced by similar dynamic ecological processes, such as fire or flooding. NatureServe intended that ecological systems provide a readily mappable classification unit, often from remote imagery, and readily identifiable by conservation and resource managers in the field (NatureServe 2010). The use of ecological systems provided biologists with a consistent, easily identifiable, classification scheme, consistent with ReGAP, to categorize and rate habitat quality within the transmission line survey area.

4.0 RESULTS

The TVES were conducted from April 5, 2011 through July 29, 2011. 225.4 miles of the 298.5 miles of proposed route (76%) and 227 miles of the 246.7 miles of associated roads (92%) were surveyed in 2011. The total miles of alternative routes surveyed was approximately 43.2 miles of the 81.5 total miles (53%) and 14.3 miles of the 55.9 miles of associated roads (26%).

Most of the areas not surveyed were due to private landowner access restrictions. These landowners either denied survey access or did not reply to access requests. In addition, the North Bombing Range Alternative was not fully surveyed due to route changes made by IPC during the survey period. Results are presented by Project milepost (MP) starting at the Grassland Substation in Oregon and ending at the Hemingway Substation in Idaho.

Table 4-1. Summary of 2011 TVES Miles Surveyed

Route Segment	TVES Route Surveyed in 2011				TVES Roads Surveyed in 2011		
	MP Begin	MP End	Total Miles	Corridor Width	Road MP Begin	Road MP End	Total Miles
Preferred Route	0	9.3	9.3	500 Feet	0	9.3	1.8
Preferred Route	17.1	33	15.9	500 Feet	17.1	33	8.5
Preferred Route	37	41.2	4.2	500 Feet	37	41.2	0.5
Preferred Route	43.8	59.5	15.7	500 Feet	43.8	59.5	12.2
Preferred Route	62.3	109.4	47.1	500 Feet	62.3	109.4	41.2
Preferred Route	115.1	116.7	1.6	500 Feet	115.1	116.7	0.8
Preferred Route	120	123.8	3.8	500 Feet	120	123.8	12.5
Preferred Route	125.1	126.6	1.5	500 Feet	125.1	134.1	2.9
Preferred Route	126.9	132.8	5.9	500 Feet	142.9	149.7	5.3
Preferred Route	142.9	149.7	6.8	500 Feet	152.5	157.8	26.1
Preferred Route	152.5	157.8	5.3	2000 Feet	159.9	160.4	6.2
Preferred Route	161.9	173.4	11.5	500 Feet	161.9	173.4	17.7
Preferred Route	174.1	187.5	13.4	500 Feet	174.1	187.5	11.5
Preferred Route	191.3	195.1	3.8	2000 Feet	191.3	195.1	2.3
Preferred Route	197.7	201.7	4	500 Feet	197.7	202.6	7.7
Preferred Route	233.3	242.6	9.3	500 Feet	233.3	243.5	21.5
Preferred Route	249.7	287.2	37.5	1000 Feet	244.3	244.6	10.3
Preferred Route	287.8	298.5	10.7	500 Feet	249.7	287.2	30
MILES SURVEYED ON PREFERRED ROUTE			**225.4**				**227.1**
North Bombing Range Alternative	16	20.2	4.2	500 Feet	39	55.7	4.9
North Bombing Range Alternative	25	25.5	0.5	500 Feet	0	0	0
North Bombing Range Alternative	28.9	56.5	27.6	1000 Feet	0	0	0
Grass Hill Alternative	0.2	3.7	3.5	500 Feet	0.2	3.7	1.4
Double Mountain Alternative	0	7.4	7.4	500 Feet	0	7.4	8
Flagstaff Alternative	0	0	0	500 Feet	0	0	0
MILES SURVEYED ON ALTERNATIVE ROUTES			**43.2**				**14.3**
TOTAL MILES SURVEYED			**268.6**				**241.4**

4.1 Wildlife

4.1.1 Special Status Wildlife Species

There were 36 special status wildlife species (2 mammal, 30 avian, and 4 reptile) recorded during the 2011 TVES. Of the 79 total potential special status wildlife species listed in Appendix

A, 46 percent were identified during the TVES. Table 4-2 provides a summary of the species observed, the total number of individuals of each species recorded, and the number of individuals occurring just within the Project's survey corridor. Locations of each recorded special status species has been mapped in Appendix B. Two (2) red-naped sapsuckers were recorded during the TVES. Although this species was not originally included in the special status wildlife species list provided in Appendix A, it was decided to be included with the special status species summary due to its similar management needs and close family association with other USFS listed species. During the TVES 15 of the special status wildlife species were photographed and are presented in Appendix C.

Table 4-2. Special Status Wildlife Species Summary for 2011 TVES

Special Status Wildlife Species	Bird Code	Scientific Names	Within Survey Corridor	Total Recorded
MAMMALS				
Elk		*Cervus canadensis*	38	139
White-tailed jackrabbit		*Lepus townsendii*	0	1
AVIAN				
American white pelican	AWPE	*Pelecanus erythrorhynchos*	8	30
Black-capped chickadee	BCCH	*Poecile atricapillus*	42	42
Black-throated sparrow	BTSP	*Amphispiza bilineata*	5	5
Burrowing owl	BUOW	*Athene cunicularia*	14	19
Calliope hummingbird	CAHU	*Stellula calliope*	3	3
Common nighthawk	CONI	*Chordeiles minor*	32	46
Downy woodpecker	DOWO	*Picoides pubescens*	3	3
Ferruginous hawk	FEHA	*Buteo regalis*	4	5
Greater sage grouse	GRSG	*Centrocercus urophasianus*	3	6
Grasshopper sparrow	GRSP	*Ammodramus savannarum*	227	235
Hairy woodpecker	HAWO	*Picoides villosus*	11	12
Long-billed curlew	LBCU	*Numenius americanus*	116	178
Loggerhead shrike	LOSH	*Lanius ludovicianus*	24	24
Mountain chickadee	MOCH	*Poecile gambeli*	65	68
Northern flicker	NOFL	*Colaptes auratus*	62	66
Northern goshawk	NOGO	*Accipiter gentilis*	2	2
Olive-sided flycatcher	OSFL	*Contopus cooperi*	6	8
Pileated woodpecker	PIWO	*Dryocopus pileatus*	3	4
Prairie falcon	PRFA	*Falco mexicanus*	24	34
Pygmy nuthatch	PYNU	*Sitta pygmaea*	17	17
Red-breasted nuthatch	RBNU	*Sitta canadensis*	40	44
Red-naped sapsucker	RNSA	*Sphyrapicus nuchalis*	2	2
Sage sparrow	SAGS	*Amphispiza belli*	1	1
Sage thrasher	SATH	*Oreoscoptes montanus*	40	43
Swainson's hawk	SWHA	*Buteo swainsoni*	19	29
White-breasted nuthatch	WBNU	*Sitta carolinensis*	1	1
Western bluebird	WEBL	*Sialia mexicana*	15	15

Table 4-2. Special Status Wildlife Species Summary for 2011 TVES

Special Status Wildlife Species	Bird Code	Scientific Names	Within Survey Corridor	Total Recorded
Williamson's sapsucker	WISA	*Sphyrapicus throideus*	9	9
Willow Flycatcher	WIFL	*Empidonax traillii*	2	2
Yellow-breasted chat	YBCH	*Icteria virens*	1	1
REPTILES				
Common garter snake		*Thamnophis sirtalis*	1	1
Mojave black-collared lizard		*Crotaphytus bicinctores*	7	7
Sagebrush lizard		*Sceloporus graciosus*	4	4
Western ground snake		*Sonora semiannulata*	2	2

Morrow County:

There were 49 long-billed curlews recorded in Morrow County, mainly within agricultural lands and grasslands, which included portions of the North Bombing Range Alternative.

Umatilla County:

An active Swainson's hawk nest with 3 eggs was identified near MP 64 in Umatilla County. Within the agricultural lands and grasslands, 122 grasshopper sparrows and 61 long-billed curlews were recorded. Some common nighthawks (9) and western bluebirds (7) were recorded utilizing grassland-sage-forest edges. Starting around MP 81 forested areas started being introduced to the landscape and with it forest wildlife species started appearing. Species like elk (109, with one herd of 80), black-capped chickadees (24), red-breasted nuthatches (19), northern flickers (16), and mountain chickadees (8) occurred in the highest numbers throughout the forested areas.

1 northern goshawk was recorded near MP 86. Separate protocol level surveys were conducted for northern goshawks along portions of the Project that supported habitat for this species; see the 2011 Northern Goshawk and Three-toed Woodpecker Surveys Report (Tetra Tech 2011b) for more information.

4 burrowing owls were recorded in Umatilla County along the North Bombing Range Alternative ROW. No protocol level surveys were conducted along this alternative. There was also an incidental burrowing owl seen almost 1,000 feet outside of the North Bombing Range Alternative ROW but no nest was identified.

Union County:

Staying with in the Blue Mountains of Union County, the most common forest species included mountain chickadees (58, plus 2 nests), northern flickers (41), elk (20), red-breasted nuthatches (19), black-capped chickadees (17, plus 1 nest), pygmy nuthatches (14), hairy woodpeckers (12), olive-sided flycatchers (5), and Williamson's sapsuckers (5). In addition, the only white-breasted nuthatch (1) and red-naped sapsuckers (2) recorded during the TVES were in Union County. Along the forest edges, 8 western bluebirds were recorded. One (1) northern goshawk was also recorded near MP 97.

Starting around MP 124 the habitat turned to an alternating grassland/sagebrush steppe mix. Grasshopper sparrows (32) were the dominant species recorded along the Grass Hill Alternative, there were also high concentrations along the preferred route from MP 126 to 132.

Baker County:

There were 2 groups of 3 greater sage grouse recorded from MP 199.3 to 200.4. These sage-grouse sightings were within 1.3 and 1.6 miles of the ODFW "occupied pending" lek centers. These "occupied pending" leks have not been verified by ODFW to see if they are still active. No active leks were recorded near these two locations during the protocol level greater sage grouse surveys conducted in 2011 for the Project.

Twenty-five (25) grasshopper sparrows, 11 Swainson's hawks, and 17 common nighthawks were recorded in the Baker County. There was a more dense concentration of common nighthawks (12) recorded within a 1 ½ mile stretch, roughly MP 172 to 173.5. Within the sagebrush steppe habitats, many sage thrashers (25) and loggerhead shrikes (8) were recorded, with higher concentrations near MP 149 to 169. The single yellow-breasted chat (1) and common garter snake (1) that were recorded during the TVES were also located in Baker County.

Malheur County:

The most dominant species recorded in Malheur County were long-billed curlews (49, plus 1 nest), grasshopper sparrows (46), prairie falcons (22, plus 2 nests), common nighthawks (15), sage thrashers (14), and loggerhead shrikes (11). Over 60 percent of the grasshopper sparrows were recorded from MP 250 to 256. The only white-tailed jackrabbit was an incidental sighting recorded approximately 165 feet outside of a proposed access road ROW near MP 214.6. In addition, the only TVES records for sagebrush lizards (4), western ground snakes (2), and sage sparrow (1) occurred in Malheur County.

There were also two incidental sightings of burrowing owls during the TVES. Two (2) burrowing owl pairs were seen approximately 475 feet and 315 feet outside of the Double Mountain Alternative ROW but no nests were identified.

Owyhee County:

The vast majority of the black-throated sparrows (4) and Mojave black-collared lizards (6) recorded during the TVES occurred within Owyhee County. The Mojave black-collared lizards occurred within 2 main pockets near MP 285 and 291. The number of long-billed curlews (18) and grasshopper sparrows (9) drastically dropped from the numbers recorded in Malheur County. 5 burrowing owls were recorded. Protocol level surveys were later conducted to determine if the associated burrows were active nests; see Section 4.1.2 for more information.

4.1.2 Pygmy Rabbits and Burrowing Owls

There were no pygmy rabbits or pygmy rabbit sign recorded during the 2011 TVES, although potential habitat was present in some areas. Pygmy rabbit habitat in southwestern Idaho and Oregon consists of deep soils, with taller, denser big sagebrush species that appear to have a non-uniform distribution with surrounding sage (Ulmschneider 2004).

During the TVES, the majority of the burrowing owl sightings occurred from MP 218 to 298, with a few records along the North Bombing Range Alternative and an access road near MP 56 (Figure 4-1). Protocol level surveys were conducted for burrowing owls starting May 23, 2011 to verify active burrows. There were 9 areas surveyed, where burrows and/or burrowing owls had been identified within the survey corridor during the TVES. Complete results of the burrowing owl surveys are contained in Appendix D. A total of 6 active burrows were identified during protocol level surveys (Figure 4-1).

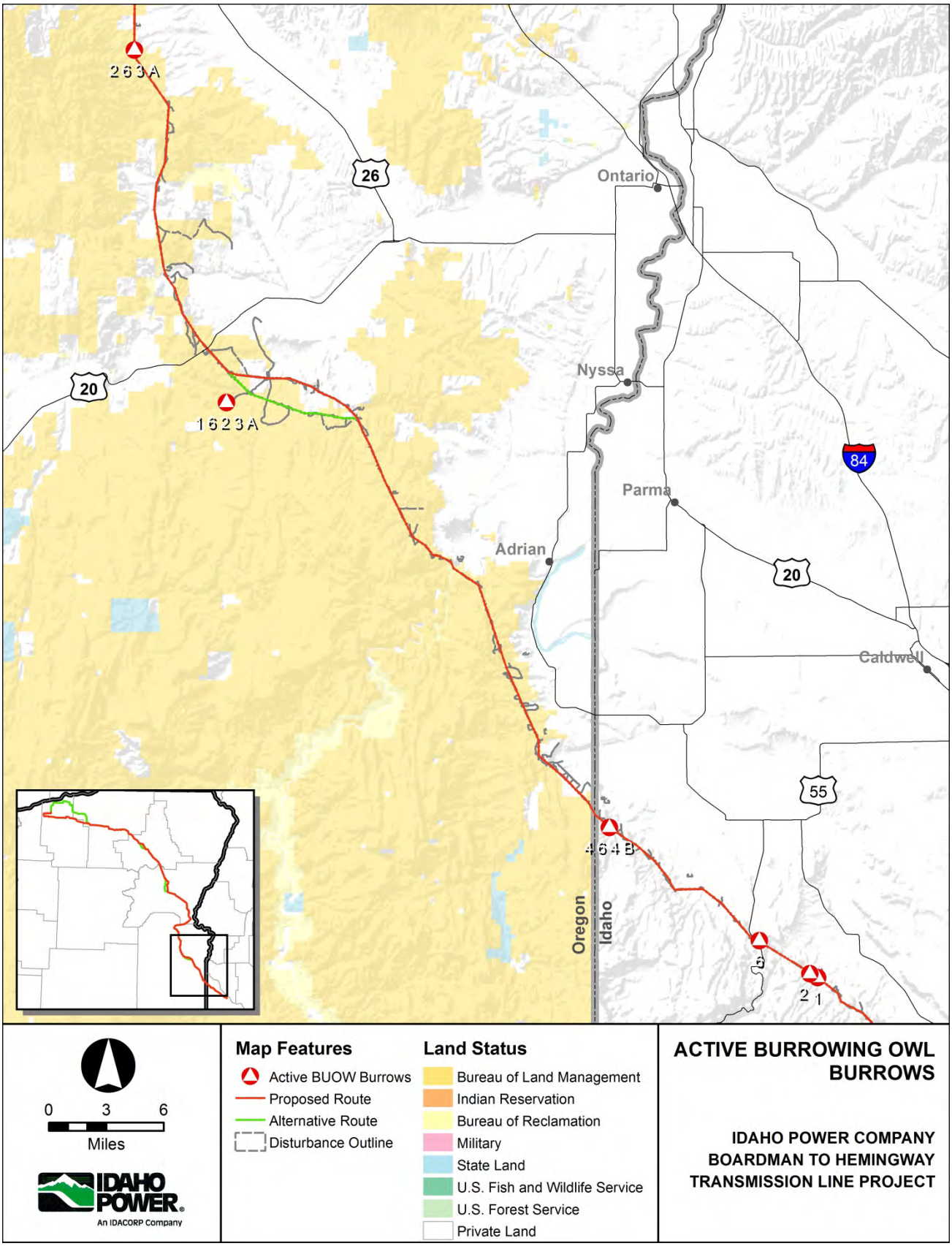


Figure 4-1. Active Burrowing Owl Burrows

4.1.3 General Wildlife

A total list for all recorded wildlife species is presented below in Table 4-3. All data for recorded wildlife species are contained in Appendix E. During the 2011 TVES 140 avian, 17 reptile/amphibian, and 24 mammal species were recorded. Information covering general wildlife use and sign (i.e. tracks, scat, and burrows) was normally written on the survey maps rather than recording points for each set of tracks seen. A summary of these wildlife field notes can be found in Appendix F.

Table 4-3. Wildlife Species Identified During 2011 TVES

Birds		
COOT	American coot	*Fulica americana*
AMCR	American crow	*Corvus brachyrhynchos*
AMGO	American goldfinch	*Spinus tristis*
AMKE	American kestrel	*Falco sparverius*
AMRO	American robin	*Turdus migratorius*
AWPE	American white pelican	*Pelecanus erythrorhynchos*
BANS	Bank swallow	*Riparia riparia*
BAOW	Barn owl	*Tyto alba*
BARS	Barn swallow	*Hirundo rustica*
BEKI	Belted kingfisher	*Megaceryle alcyon*
BBMA	Black-billed magpie	*Pica hudsonia*
BCCH	Black-capped chickadee	*Poecile atricapillus*
BCHU	Black-chinned hummingbird	*Archilochus alexandri*
BHGR	Black-headed grosbeak	*Pheucticus melanocephalus*
BTYW	Black-throated gray warbler	*Dendroica nigrescens*
BTSP	Black-throated sparrow	*Amphispiza bilineata*
BGGN	Blue-gray gnatcatcher	*Polioptila caerulea*
BRBL	Brewer's blackbird	*Euphagus cyanocephalus*
BRSP	Brewer's sparrow	*Spizella breweri*
BHCO	Brown-headed cowbird	*Molothrus ater*
BUOR	Bullock's oriole	*Icterus bullockii*
BUOW	Burrowing owl	*Athene cunicularia*
BUSH	Bushtit	*Psaltriparus minimus*
CAGU	California gull	*Larus californicus*
CAQU	California quail	*Callipepla californica*
CAHU	Calliope hummingbird	*Stellula calliope*
CANG	Canada goose	*Branta canadensis*
CANW	Canyon wren	*Catherpes mexicanus*
CAFI	Cassin's finch	*Carpodacus cassinii*
CAVI	Cassin's vireo	*Vireo cassinii*
CEDW	Cedar waxwing	*Bombycilla cedrorum*
CHSP	Chipping sparrow	*Spizella passerina*
CHUK	Chukar	*Alectoris chukar*
CLNU	Clark's nutcracker	*Nucifraga columbiana*
CLSW	Cliff swallow	*Petrochelidon pyrrhonota*
COGR	Common grackle	*Quiscalus quiscula*
CONI	Common nighhawk	*Chordeiles minor*
COPO	Common poorwill	*Phalaenoptilus nuttallii*

Table 4-3. Wildlife Species Identified During 2011 TVES

Birds*…continued*		
CORA	Common raven	*Corvus corax*
COYE	Common yellowthroat	*Geothlypis trichas*
COHA	Cooper's hawk	*Accipiter cooperii*
DEJU	Dark-eyed junco	*Junco hyemalis*
DCCO	Double-crested cormorant	*Phalacrocorax auritus*
DOWO	Downy woodpecker	*Picoides pubescens*
DUFL	Dusky flycatcher	*Empidonax oberholseri*
DUGR	Dusky grouse	*Dendragapus obscurus*
EAGR	Eared grebe	*Podiceps nigricollis*
EAKI	Eastern kingbird	*Tyrannus tyrannus*
EUST	European starling	*Sturnus vulgaris*
EVGR	Evening grosbeak	*Coccothraustes vespertinus*
FEHA	Ferruginous hawk	*Buteo regalis*
GOEA	Golden eagle	*Aquila chrysaetos*
GCKI	Golden-crowned kinglet	*Regulus satrapa*
GRSP	Grasshopper sparrow	*Ammodramus savannarum*
GRFL	Gray flycatcher	*Empidonax wrightii*
GRJA	Gray jay	*Perisoreus canadensis*
GRAP	Gray partridge	*Perdix perdix*
GBHE	Great blue heron	*Ardea herodias*
GHOW	Great horned owl	*Bubo virginianus*
GRSG	Greater sage-grouse	*Centrocercus urophasianus*
GWTE	Green-winged teal	*Anas crecca*
HAWO	Hairy woodpecker	*Picoides villosus*
HETH	Hermit thrush	*Catharus guttatus*
HOLA	Horned lark	*Eremophila alpestris*
HOFI	House finch	*Carpodacus mexicanus*
HOSP	House sparrow	*Passer domesticus*
HOWR	House wren	*Troglodytes aedon*
KILL	Killdeer	*Charadrius vociferus*
LASP	Lark sparrow	*Chondestes grammacus*
LAZB	Lazuli bunting	*Passerina amoena*
LEGO	Lesser goldfinch	*Spinus psaltria*
LENI	Lesser nighthawk	*Chordeiles acutipennis*
LISP	Lincoln sparrow	*Melospiza lincolnii*
LOSH	Loggerhead shrike	*Lanius ludovicianus*
LBCU	Long-billed curlew	*Numenius americanus*
MGWA	MacGillivray's warbler	*Oporornis tolmiei*
MALL	Mallard	*Anas platyrhynchos*
MOBL	Mountain bluebird	*Sialia currucoides*
MOCH	Mountain chickadee	*Poecile gambeli*
MODO	Mourning dove	*Zenaida macroura*
NOFL	Northern flicker	*Colaptes auratus*
NOGO	Northern goshawk	*Accipiter gentilis*
NOHA	Northern harrier	*Circus cyaneus*
NRWS	Northern rough-winged swallow	*Stelgidopteryx serripennis*

Table 4-3. Wildlife Species Identified During 2011 TVES

Birds…*continued*		
OSFL	Olive-sided flycatcher	*Contopus cooperi*
OCWA	Orange-crowned warbler	*Oreothlypis celata*
OSPR	Osprey	*Pandion haliaetus*
PSFL	Pacific-slope flycatcher	*Empidonax difficilis*
PBGR	Pied-billed grebe	*Podilymbus podiceps*
PIWO	Pileated woodpecker	*Dryocopus pileatus*
PISI	Pine siskin	*Spinus pinus*
PRFA	Prairie falcon	*Falco mexicanus*
PYNU	Pygmy nuthatch	*Sitta pygmaea*
RECR	Red Crossbill	*Loxia curvirostra*
RBNU	Red-breasted nuthatch	*Sitta canadensis*
RNSA	Red-naped sapsucker	*Sphyrapicus nuchalis*
RTHA	Red-tailed hawk	*Buteo jamaicensis*
RWBL	Red-winged blackbird	*Agelaius phoeniceus*
RNEP	Ring-necked pheasant	*Phasianus colchicus*
ROPI	Rock pigeon	*Columba livia*
ROWR	Rock wren	*Salpinctes obsoletus*
RLHA	Rough-legged hawk	*Buteo lagopus*
RCKI	Ruby-crowned kinglet	*Regulus calendula*
RUGR	Ruffed grouse	*Bonasa umbellus*
RUHU	Rufous hummingbird	*Selasphorous rufus*
SAGS	Sage sparrow	*Amphispiza belli*
SATH	Sage thrasher	*Oreoscoptes montanus*
SACR	Sandhill crane	*Grus canadensis*
SAVS	Savannah sparrow	*Passerculus sandwichensis*
SAPH	Say's phoebe	*Sayornis saya*
SSHA	Sharp-shinned hawk	*Accipiter striatus*
SEOW	Short-eared owl	*Asio flammeus*
SOSP	Song sparrow	*Melospiza melodia*
SPSA	Spotted sandpiper	*Actitis macularius*
SPTO	Spotted towhee	*Pipilo maculatus*
STJA	Stellar's jay	*Cyanocitta stelleri*
SWHA	Swainson's hawk	*Buteo swainsoni*
SWTH	Swainson's thrush	*Catharus ustulatus*
TOWA	Townsend's warbler	*Dendroica townsendi*
TUVU	Turkey vulture	*Cathartes aura*
VASW	Vaux's swift	*Chaetura vauxi*
VESP	Vesper sparrow	*Pooecetes gramineus*
VGSW	Violet-green swallow	*Tachycineta thalassina*
WAVI	Warbling vireo	*Vireo gilvus*
WEBL	Western bluebird	*Sialia mexicana*
WEKI	Western kingbird	*Tyrannus verticalis*
WEME	Western meadowlark	*Sturnella neglecta*
WETA	Western tanager	*Piranga ludoviciana*
WEWP	Western wood-pewee	*Contopus sordidulus*
WBNU	White-breasted nuthatch	*Sitta carolinensis*
WCSP	White-crowned sparrow	*Zonotrichia leucophrys*

Table 4-3. Wildlife Species Identified During 2011 TVES

Birds*…continued*		
WFIB	White-faced ibis	*Plegadis chihi*
WITU	Wild turkey	*Meleagris gallopavo*
WISA	Williamson's sapsucker	*Sphyrapicus throideus*
WIFL	Willow flycatcher	*Empidonax traillii*
WISN	Wilson's snipe	*Gallinago delicata*
WIWA	Wilson's warbler	*Wilsonia pusilla*
YWAR	Yellow warbler	*Dendroica petechia*
YBCH	Yellow-breasted chat	*Icteria virens*
YRWA	Yellow-rumped warbler	*Dendroica coronata*
Reptiles/Amphibians		
Common garter snake		*Thamnophis sirtalis*
Desert horned lizard		*Phrynosoma platyrhinos*
Gopher snake		*Pituophis catenifer*
Longnose leopard lizard		*Gambelia wislizenii*
Mojave black-collared lizard		*Crotaphytus bicinctores*
Pacific chorus frog		*Pseudacris regilla*
Racer		*Coluber constrictor*
Sagebrush lizard		*Sceloporus graciosus*
Short-horned lizard		*Phrynosoma douglassi*
Side-blotched lizard		*Uta stansburiana*
Striped whipsnake		*Masticophis taeniatus*
Terrestrial garter snake		*Thamnophis elegans*
Western fence lizard		*Sceloporus occidentalis*
Western ground snake		*Sonora semiannulata*
Western rattlesnake		*Crotalus viridis*
Western toad		*Bufo boreas*
Western whiptail		*Cnemidophorus tigris*
Mammals		
Badger		*Taxidea taxus*
Bat		*Myotis species*
Beaver		*Castor canadensis*
Black bear		*Ursus americanus*
Black-tailed jackrabbit		*Lepus californicus*
Bushy-tailed woodrat		*Neotoma cinerea*
Chipmunk		*Neotamias species*
Columbian ground squirrel		*Spermophilus columbianus*
Coyote		*Canis latrans*
Deer mouse		*Peromyscus maniculatus*
Douglas squirrel		*Tamiasciurus douglasii*
Elk		*Cervus canadensis*
Golden-mantled ground squirrel		*Spermophilus lateralis*
Long-tailed weasel		*Mustela frenata*
Mountain cottontail		*Sylvilagus nuttallii*
Mule deer		*Odocoileus hemionus*
Northern pocket gopher		*Thomomys talpoides*
Pronghorn antelope		*Antilocapra americana*

Table 4-3. Wildlife Species Identified During 2011 TVES

Mammals*…continued*	
Red squirrel	*Tamiasciurus hudsonicus*
Vole (most likely sagebrush vole)	*Lemmiscus curtatus*
White-tailed antelope squirrel	*Ammospermophilus leucurus*
White-tailed deer	*Odocoileus virginianus*
White-tailed jackrabbit	*Lepus townsendii*
Yellow-bellied marmot	*Marmota flaviventris*

Separate protocol level helicopter surveys for raptor nests were conducted during the 2011 field season along all IPC proposed and alternative routes. During these aerial raptor surveys, biologists also recorded other wildlife species when encountered. The only special status species recorded were 67 long-billed curlews and 1 pileated woodpecker. These data records were kept separate from the TVES data to avoid double counting any species and some records for the raptor survey were up to 2 miles outside of the TVES survey area. Records of active raptor nests recorded during the TVES were also included in the 2011 Raptor Nest Aerial Surveys report (Tetra Tech 2011c). The TVES identified burrowing owl, great horned owl, osprey, prairie falcon, red-tailed hawk, short-eared owl, and Swainson's hawk nests.

4.2 Vegetation

4.2.1 Ecological Systems

22 different ecological systems were identified within the survey area and have been mapped in Appendix G. Descriptions of these systems are found in Appendix H. A total of 217 cover worksheets were completed during the 2011 TVES representing 60 percent of the systems identified (Table 4-4) (Appendix I). Representative photographs of the ecological systems are presented in Appendix J. All vegetation field data are contained in Appendix K.

Table 4-4. Summary of Ecological Systems Identified and Number of Cover Worksheets Completed in 2011

Ecological System[1]	**Number of Cover Worksheets Recorded**	**Percent of the Survey Area**
Columbia Basin Foothill Riparian Woodland and Shrubland	3	3.6
Columbia Plateau Ash and Tuff Badland	0	0.2
Columbia Plateau Low Sagebrush Steppe	0	0.8
Columbia Plateau Scabland Shrubland	0	<.01
Columbia Plateau Steppe and Grassland	39	13.7
Cultivated Crops and Irrigated Agriculture	3	9.2
Inter-Mountain Basin Cliff and Canyon	1	0.6
Inter-Mountain Basins Big Sagebrush Shrubland	32	6.4
Inter-Mountain Basins Big Sagebrush Steppe	62	28.4
Inter-Mountain Basins Greasewood Flat	0	0.3
Inter-Mountain Basins Juniper Savanna	0	0.4
Inter-Mountain Basins Mixed Salt Desert Scrub	9	3.4

Table 4-4. Summary of Ecological Systems Identified and Number of Cover Worksheets Completed in 2011

Ecological System[1]	Number of Cover Worksheets Recorded	Percent of the Survey Area
Inter-Mountain Basins Mixed Saltbush Shrubland	0	0.1
Inter-Mountain Basins Semi-Desert Shrub Shrubland	0	0.4
Inter-Mountain Basins Semi-Desert Shrub Steppe	8	1.7
Introduced Upland Vegetation - Annual and Biennial Forbland	2	0.9
Introduced Upland Vegetation - Annual and Perennial Grassland	28	17.6
North American Arid West Emergent Marsh	0	3.4
Northern Rocky Mountain Dry-Mesic Montane Mixed Conifer Forest	18	4.7
Northern Rocky Mountain Montane - Foothill Deciduous Shrubland	0	0.1
Northern Rocky Mountain Ponderosa Pine Woodland and Savanna	10	3.3
Pasture/Hay	2	0.7
Grand Total	**217**	**100**

[1] Ecological Systems as defined by the Northwest Regional Gap Analysis Project (ReGAP; OSU 2007) and NatureServe (2010).

Ecological systems in the survey area representing 1 percent or more of the area were documented with cover worksheets (Table 4-4). However, worksheets were not completed for North American Arid West Emergent Marsh systems. These systems were surveyed in detail and delineated according to methods established by the United States Army Corps of Engineers (ACOE). The results of the wetland surveys and determinations are presented in wetland delineation reports for each county crossed by the Project (Tetra Tech 2012).

Dominant ecological systems observed in the survey area were the Inter-mountain basins big sagebrush steppe and shrubland, introduced upland annual and perennial grassland, and Columbia plateau steppe and grassland (Table 4-4). These systems accounted for 66 percent of the survey area. Of these dominant ecological systems, 161 cover worksheets, 74 percent of the total number of worksheets, documented percent cover, species percent composition, groundcover, dominant species, and noxious weeds for these dominant systems.

4.2.2 Unique Habitats

Part of the TVES protocol was to record unique habitats where rare plants could potentially exist and for potential woodpecker and raptor habitat, like snags, cliffs, and rock outcrops. In total, 46 unique habitats where identified during the survey. Of these habitats, 31 of them were areas with potential for rare plant establishment, including areas of erodible, thin, calcareous, basalt, or other unique soil and topographic combinations to support rare plants. Rock outcrops, providing potential raptor habitat, were observed in 14 instances, and 4 snags were recorded in forested areas. This information will be used to further identify raptor nests and investigate potential rare plant habitats. A separate protocol level survey for rare plants was conducted for the project (Tetra Tech 2011d).

4.2.3 Wetlands

Rare or limited habitat in the survey area includes wetlands and stream systems. As mentioned above, wetlands and streams were surveyed in depth as part of the wetland delineation and

Waters of the United States (Waters) reporting process, which is subject to review by the Oregon Division of State Lands (DSL) and the US Army Corps of Engineers (ACOE) (Tetra Tech 2012). In support of the delineation and Waters identification process, surveyors documented 339 wetland and Waters features in the survey area with a GPS location and photograph. These features were compared against wetland and Waters features from the delineation survey to ensure no features where overlooked by wetland and Waters field crews.

Additionally, surveyors described conditions at select stream crossing locations. These crossings were identified as likely to be disturbed during construction of the transmission line from construction of access roads across the stream channel. Existing roads needing improvement at stream channel crossings were also identified because of the potential to disturb the channel during road improvement. Sixty-eight (68) stream channel crossings were photographed and documented and another 58 crossings were photographed but did not have descriptive documentation. This information will be used to help engineers place and select appropriate crossing location and type. Photographs and descriptive crossing information are presented digitally on a CD as Appendix L.

4.2.4 Noxious Weeds

Finally, all identified Oregon and Idaho noxious weeds were recorded and the size of infestation estimated during the TVES. Noxious weeds are nonnative, invasive species that threaten agriculture, rangelands, waterways, parks, wildlife, property values, public health and safety, and the general ecological health and diversity of native ecosystems. To see the Oregon and Idaho noxious weed list provided to field staff refer to Appendix C-3 of the BSWP (Tetra Tech 2011a). Eleven (11) noxious weed species were identified during the 2011 TVES (Table 4-5). All noxious weed locations are identified in the Ecological Systems Mapbook (Appendix G).

Table 4-5. Noxious Weed Species Recorded during 2011 TVES

County	Common Name	Latin Name	State Listed	Noxious Weed Category	Estimated Acres
Baker County, OR	Field bindweed	*Convolvulus arvensis*	OR	List B	11.96
	Medusahead rye	*Taeniatherum caput-medusae*	OR	List B	59.36
	Russian knapweed	*Acroptilon repens*	OR, ID	List B, Control	0.05
Baker County Total					**71.37**
Malheur County, OR	Field bindweed	*Convolvulus arvensis*	OR	List B	0.12
	Medusahead rye	*Taeniatherum caput-medusae*	OR	List B	9.86
Malheur County Total					**9.98**
Morrow County, OR	Russian knapweed	*Acroptilon repens*	OR, ID	List B, Control	26.99
Morrow County Total					**26.99**
Umatilla County, OR	Field bindweed	*Convolvulus arvensis*	OR	List B	12.01
	Jointed goatgrass	*Aegilops cylindrica*	OR, ID	List B, Control	2.50
	Kochia	*Kochia scoparia*	OR	List B	0.03
	Medusahead rye	*Taeniatherum caput-medusae*	OR	List B	54.98

Table 4-5. Noxious Weed Species Recorded during 2011 TVES

County	Common Name	Latin Name	State Listed	Noxious Weed Category	Estimated Acres
Umatilla County Total					**69.52**
Union County, OR	Medusahead rye	*Taeniatherum caput-medusae*	OR	List B	17.52
Union County Total					**17.52**
Owyhee County, ID	Whitetop	*Cardaria draba*	ID	Contain	0.10
Owyhee County Total					**0.10**
Estimated Acres of Noxious Weeds in the Survey Area					**195.48**

In addition to the noxious weeds presented in Table 4-5, additional invasive species where documented during the survey, they included; musk thistle (*Carduus nutans*), saltcedar (*Tamarix ramosissima*), scotch thistle (*Onopordum acanthium*), and whitetop (*Cardaria draba*). Whitetop had the highest frequency of occurrence with 161 sightings in the survey area, representing 191 acres of land infested by this invasive species. Note that whitetop is not listed as a noxious weed species in Oregon, only Idaho.

5.0 CONCLUSION

The TVES provided an effective passive sampling technique for detecting birds, reptiles/amphibians, and mammals. The results offer a snapshot of the presence or absence of a particular species. The reliability and value of using TVES for vertebrate species depended on their size, gregariousness, uniqueness of their sign, habitat conditions, time of season, and even time of day. The first mobilization to the field to survey was during the first week in April near Boardman, Oregon. Many birds were still migrating through the area (i.e. ferruginous hawks and white-crowned sparrows) and the vegetation had not yet fully emerged. Consequently, some of the local breeding population may have been missed because it had not yet arrived and some of the vegetation may have been absent or misidentified due to the lack of identifying features, such as flowers or seed heads. On the positive side, some migrating birds were identified that may not have been present only a few weeks later.

The probability of detecting species presence from sign was highest when species were large, lived in groups, or habituated to particular locations for roosting or feeding. Detections based on sign were not always sufficient to identify species, in which case detections were identified to the lowest taxonomic level possible.

Although not all species could be detected using this sampling technique, TVES were a good solution to cover a large survey area within a limited survey window. TVES helped determine general wildlife species diversity (what species are present and how many of each there are within a specified area and time) and what areas each special status wildlife species was selecting. The TVES method served to be an efficient way to concurrently survey for wildlife, map ecological systems, record noxious weed infestations, and identify potential wetlands and stream crossings throughout the Project.

Furthermore, TVES contributed information necessary to begin ODFW's habitat categorization process, a process designed to determine the appropriate mitigation values for loss of or damage to wildlife habitat during Project construction and operation. This information consisted

of documentation of ecological systems and their current condition and observations of sensitive wildlife species in the survey area. Combining this information will result in identification of areas to avoid during construction, seasonal restrictions, or areas where mitigation requirements should be increased based on wildlife use in the area. The Habitat Categorizing Technical Report presents this process and its results in detail.

Additional TVES will be conducted in 2012 to close data gaps where access to private property was previously denied or alternative routes and roads are proposed. This will ensure that necessary data on special status species, ecological systems, and wetlands and stream crossings are collected prior to ground-disturbing activities. The results from the TVES will give land/resource management agencies specific information on wildlife and plant species and their occurrence within the Project area, assist with final siting of the proposed transmission line and associated facilities, evaluate the potential impacts of construction, operations, and maintenance of the project, and provide the basis for environmental protection measures and appropriate mitigation measures.

6.0 REFERENCES

Manley, P.N.: Van Horne, B.; Roth, J.K.; Zielinski, W.J.; McKenzie, M.M.; Weller, T.J.; Weckerly, F.W.; Vojta, C. 2006. Multiple species inventory and monitoring technical guide. Gen. Tech. Rep. WO-73. Washington, DC: U.S. Department of Agriculture, Forest Service, Washington Office. 204p.

NatureServe. 2010. International Ecological Classification Standard: Terrestrial Ecological Classifications. NatureServe Central Databases. Arlington, VA, U.S.A. Data current as of 28 February.

OSU (Oregon State University). 2007. Northwest Regional GAP Ecological Systems, USGS Mapping Zones 8, 9, and 18: Existing Land Cover/Vegetation Map, Institute for Natural Resources, Corvallis, OR.

Tetra Tech. 2011a. Revised Final Biological Survey Work Plan Volume 1, Boardman to Hemingway Transmission Line Project. Prepared for Idaho Power Company. Boise, ID.

Tetra Tech. 2011b. Boardman to Hemingway Transmission Line Project 2011 Northern Goshawk and Three-toed Woodpecker Surveys. Prepared for Idaho Power Company, Boise, ID.

Tetra Tech. 2011c. Boardman to Hemingway Transmission Line Project 2011 Raptor Nest Aerial Surveys. Prepared for Idaho Power Company, Boise, ID.

Tetra Tech. 2011d. Boardman to Hemingway Transmission Line Project 2011 Special Status Plant Species Surveys. Prepared for Idaho Power Company, Boise, ID.

Tetra Tech. 2012. Boardman to Hemingway Transmission Line Project 2011 Wetland Delineation Reports for Morrow, Umatilla, Union, Baker, and Malheur Counties. Prepared for Idaho Power Company, Boise, ID.

Ulmschneider, H. 2004. Surveying for pygmy rabbits (*Brachylagus idahoensis*), fourth draft. Bureau of Land Management. Boise, ID.

APPENDICES

In an effort to conserve resources all appendices have been included on a CD.

Appendix A	Special Status Wildlife Species List – prints 4 pages in 11x17
Appendix B	Special Status Wildlife Species Mapbook – prints 91 pages in 11x17
Appendix C	Special Status Wildlife Species Photos – prints 3 pages in 8 ½ x 11
Appendix D	Burrowing Owl Survey Results – prints 2 pages in 11x17
Appendix E	Wildlife Data – prints 107 pages in 11x17
Appendix F	Wildlife Field Note Summary – prints 6 pages in 8 ½ x 11
Appendix G	Ecological Systems Mapbook – prints 61 pages in 11x17
Appendix H	Ecosystem Type Descriptions – prints 5 pages in 8 ½ x 11
Appendix I	Cover Worksheets – prints 217 pages in 8 ½ x 11
Appendix J	Ecological Systems Photos – prints 10 pages in 8 ½ x 11
Appendix K	Vegetation Data – prints 13 pages in 11x17
Appendix L	Stream Crossing Forms and Photos – prints 325 pages in 8 ½ x 11

APPENDIX A
SPECIAL STATUS WILDLIFE SPECIES LIST

B2H SPECIAL STATUS SPECIES LIST

FEDERAL AND STATE LISTED WILDLIFE SPECIES; AS WELL AS MIS AND BLM / FOREST SERVICE SENSITIVE SPECIES

Species	USFWS[1/]	BLM Boise District[2/]	BLM Oregon District[2/]	USFS R6[3/]	ODFW[4/]	Potential Habitat within Route	State (along route)
MAMMALS							
Gray Wolf (*Canis lupus*)	E (outside the NRM DPS)	FRFO	VALE	UMA; WAW	LE	Y	Oregon
Canada Lynx (*Lynx canadensis*)	T	FRFO;	VALE; PRIN	UMA; WAW		N	Oregon
Northern Idaho Ground Squirrel (*Spermophilus brunneus brunneus*)	T	FRFO				N	Idaho
Southern Idaho Ground Squirrel (*Spermophilus brunneus endemicus*)	C	FRFO				N	Idaho
Washington ground squirrel (*Spermophilus washingtoni*)	C		VALE; PRIN		LE	Y	Oregon
Pygmy Rabbit *(Brachylagus idahoensis)*		FRFO	VALE; PRIN		SV	Y	Idaho and Oregon
White-tailed Jack Rabbit (*Lepus townsendii*)					SU	Y	Oregon
Wolverine (*Gulo gulo*)		FRFO (North American sub-species)	PRIN	UMA; WAW (MIS) (California subsp)	LT	Y	Oregon
Fisher (*Martes pennanti*)		FRFO	PRIN	WAW	SC	Y	Oregon
American Marten (*Martes martes*)				UMA (MIS); WAW (MIS)	SV	Y	Oregon
Kit Fox *(Vulpes velox)*			VALE			N	Oregon
Rocky Mountain Elk (*Cervus canadensis*)				WAW (MIS)		Y	Oregon
Fringed Myotis (*Myotis thysanodes*)		FRFO	VALE; PRIN		SV	Y	Idaho and Oregon
Spotted Bat *(Euderma aculatum)*		FRFO	VALE; PRIN		SC	Y	Idaho and Oregon
Townsend's Big-eared Bat (Corynorhinus townsendii)		FRFO	VALE; PRIN	UMA	SC	Y	Oregon
Pallid Bat (*Antrozous pallidus*)			PRIN		SV	Y	Idaho and Oregon
AVIAN							
Bald Eagle *(Haliaeetus leucocephalus)*	Delisted 8/8/2007	FRFO	VALE; PRIN	UMA; WAW (MIS)	LT	Y	Idaho and Oregon
Yellow-billed Cuckoo *(Coccyzus americanus)*	C	FRFO	VALE; PRIN		SC	N	Idaho and Oregon
Flammulated Owl (*Otus flammeoulus*)		FRFO			SC	Y	Oregon
Great Gray Owl (*Strix nebulosa*)					SV	Y	Oregon
Burrowing Owl (*Athene cunicularia*)					SC	Y	Idaho and Oregon
Greater Sage-grouse *(Centrocercus urophasianus)*		FRFO	VALE; PRIN	WAW	SV	Y	Idaho and Oregon
Columbian Sharp-tailed Grouse *(Tympanuchus phasianellus columbianus)*		FRFO	VALE	WAW		Y	Oregon

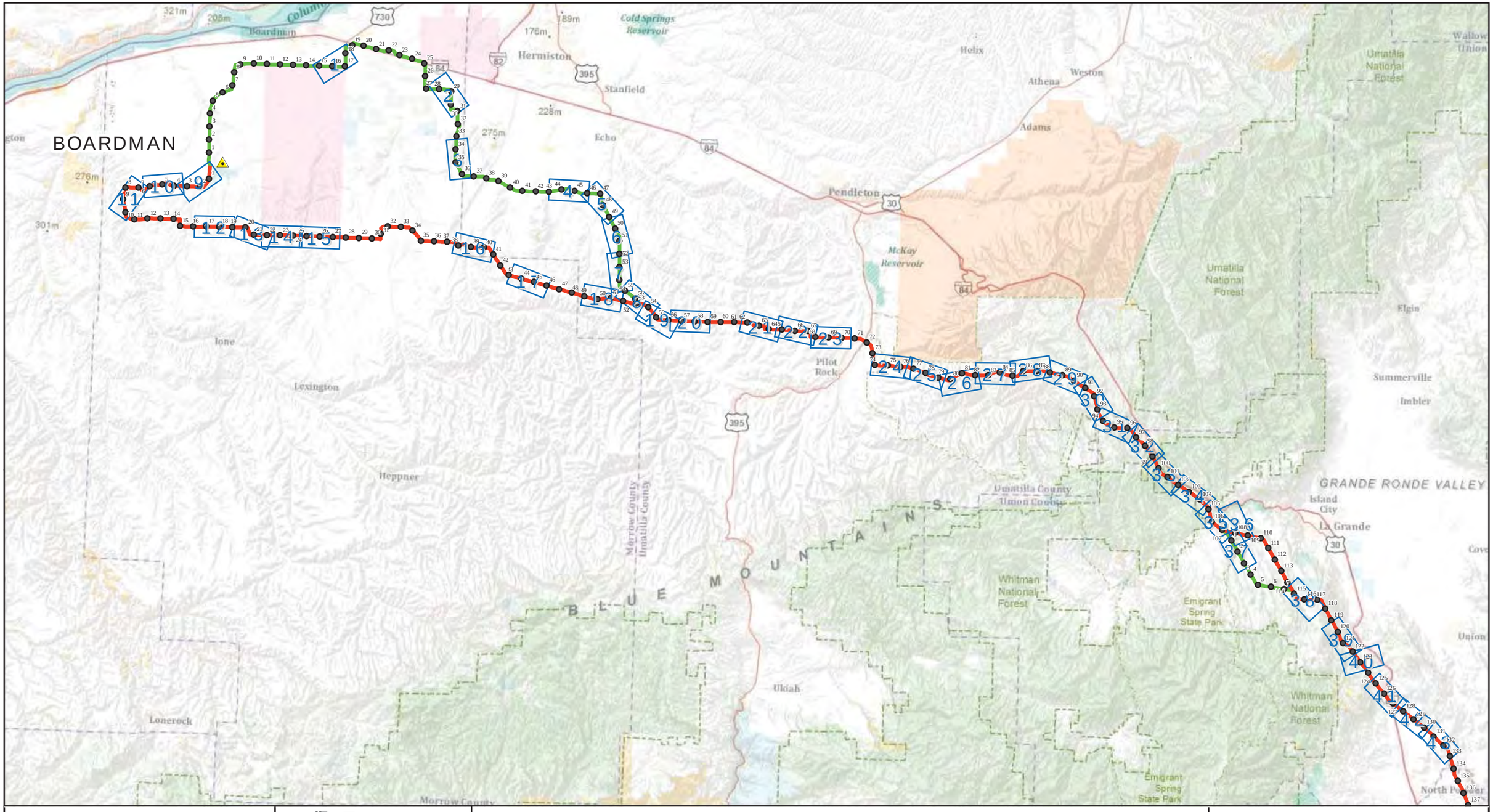
Species	USFWS[1/]	BLM Boise District[2/]	BLM Oregon District[2/]	USFS R6[3/]	ODFW[4/]	Potential Habitat within Route	State (along route)
Mountain Quail *(Oreotyx pictus)*		FRFO				Y	Idaho and Oregon
Peregrine Falcon *(Falco peregrinus anatum)*		FRFO	VALE; PRIN	UMA; WAW (MIS)	LE	Y	Idaho and Oregon
Prairie Falcon *(Falco mexicanus)*		FRFO				Y	Idaho and Oregon
Northern Goshawk *(Accipiter gentilis)*		FRFO		WAW (MIS)	SC	Y	Oregon
Ferruginous Hawk *(Buteo regalis)*		FRFO			SC	Y	Idaho and Oregon
Swainson's hawk (*Buteo swainsoni*)					SV	Y	Idaho and Oregon
Common nighthawk (*Chordeiles minor*)					SC	Y	Idaho and Oregon
Three-toed Woodpecker (*Picoides tridactylus*)				UMA; WAW (MIS)	SC	Y	Oregon
Lewis' Woodpecker *(Melanerpes lewis)*		FRFO	VALE; PRIN	UMA (MIS); WAW (MIS)	SV	Y	Oregon
White-headed Woodpecker (*Picoides albolarvatus*)		FRFO	VALE; PRIN	UMA (MIS); WAW (MIS)	SC	Y	Oregon
Williamson's Sapsucker (*Sphyrapicus throideus*)		FRFO		UMA (MIS); WAW (MIS)		Y	Oregon
Pileated Woodpecker (*Dryocopus pileatus*)				UMA (MIS); WAW (MIS)		Y	Oregon
Yellow-bellied Sapsucker (*Sphyrapicus varius*)				UMA (MIS); WAW (MIS)		Y	Oregon
Black-backed Woodpecker (*Picoides arcticus*)				UMA (MIS); WAW (MIS)	SC	Y	Oregon
Hairy Woodpecker (*Picoides villosus*)				UMA (MIS); WAW (MIS)		Y	Oregon
Northern Flicker (*Colaptes auratus*)				UMA (MIS); WAW (MIS)		Y	Idaho and Oregon
Downy Woodpecker (*Picoides pubescens*)				UMA (MIS); WAW (MIS)		Y	Oregon
Mountain Chickadee (*Poecile gambeli*)				UMA (MIS); WAW (MIS)		Y	Oregon
Black-capped Chickadee (*Poecile atricapilla*)				UMA (MIS); WAW (MIS)		Y	Oregon
White-breasted Nuthatch (*Sitta carolinensis*)				UMA (MIS); WAW (MIS)		Y	Oregon
Red-breasted Nuthatch (*Sitta canadensis*)				UMA (MIS); WAW (MIS)		Y	Oregon
Pygmy Nuthatch (*Sitta pygmaea*)				UMA (MIS); WAW (MIS)		Y	Oregon
American White Pelican (*Pelecanus erythrorhynchos*)		FRFO	VALE; PRIN			N	Idaho and Oregon
Trumpeter Swan (*Cygnus buccinator*)			VALE; PRIN			N	Idaho and Oregon
Horned Grebe (*Podiceps auritus*)			VALE			N	Idaho and Oregon
Calliope Hummingbird (*Stellula calliope*)		FRFO				Y	Idaho and Oregon
Willow Flycatcher *(Empidonax traili)*		FRFO				Y	Idaho and Oregon

Species	USFWS[1/]	BLM Boise District[2/]	BLM Oregon District[2/]	USFS R6[3/]	ODFW[4/]	Potential Habitat within Route	State (along route)
Hammond's Flycatcher *(Empidonax hammondii)*		FRFO				Y	Idaho and Oregon
Olive-sided Flycatcher (*Contopus borealis*)		FRFO			SV	Y	Idaho and Oregon
Black Swift (*Cypseloides niger*)			PRIN			N	Oregon
Loggerhead Shrike *(Lanius ludovicianus)*		FRFO			SV	**Y (Incidental with WAGS)**	Idaho and Oregon
Sage Sparrow *(Amphispiza belli)*		FRFO			SC	**Y (Incidental with WAGS)**	Idaho and Oregon
Black-throated Sparrow *(Amphispiza bilineata)*		FRFO			SP	Y	Idaho and Oregon
Grasshopper Sparrow (*Ammodramus savannarum*)			VALE; PRIN		SV/SP	Y	Idaho and Oregon
Yellow Breasted Chat (*Icteria virens*)						N	Idaho and Oregon
Bobolink (*Dolichonyx oryzivorus*)			VALE; PRIN		SV	N	Oregon
Tricolored blackbird (*Agelaius tricolor*)			PRIN		SP	Y	Oregon
Western Bluebird (*Sialia Mexicana*)					SV	Y	Idaho and Oregon
Sage Thrasher (*Oreoscoptes montanus*)						Y	Idaho and Oregon
Frankllin's Gull (*Larus pipixcan*)			VALE			N	Idaho and Oregon
Upland Sandpiper (*Bartramia longicaula*)		FRFO	PRIN	UMA; WAW	SC	Y	Idaho and Oregon
Long-billed Curlew					SV	Y	Idaho and Oregon
(*Numenius americanus*)							
Bufflehead (*Bucephala albeola*)			PRIN	WAW		N	Idaho and Oregon
REPTILES AND AMPHIBIANS							
Columbia Spotted Frog *(Rana luteiventris)*	C		VALE; PRIN	UMA; WAW		Y	Idaho and Oregon
Oregon Spotted Frog (*Rana pretiosa*)			PRIN		SC	N	Oregon
Northern Leopard Frog *(Rana pipiens)*		FRFO	VALE	UMA		Y	Idaho and Oregon
Western Toad *(Bufo boreas)* – Northern Rocky Mountain Population		FRFO			SV	Y	Idaho and Oregon
Woodhouse Toad *(Bufo woodhousii)*		FRFO	VALE		SP	Y	Idaho and Oregon
Inland Tailed Frog (*Ascaphus montanus*)			VALE	UMA; WAW	SV	Y	Oregon
Mojave Black-collared Lizard *(Crotaphytus bicinctores)*		FRFO				N	Idaho and Oregon
Longnose Snake *(Rhinocheilus lecontei)*		FRFO				Y	Idaho and Oregon
Western Ground Snake *(Sonora semiannulata)*		FRFO				Y	Idaho and Oregon
Common Garter Snake *(Thamnophis sirtalis)*		FRFO				Y	Idaho and Oregon

Species	USFWS[1/]	BLM Boise District[2/]	BLM Oregon District[2/]	USFS R6[3/]	ODFW[4/]	Potential Habitat within Route	State (along route)
Sagebrush Lizard (*Sceloporus graciosus*)					SV	**Y (Incidental with WAGS)**	Oregon
Painted Turtle (*Chrtsemys picta*)			VALE	UMA	SC	N	Oregon
FISH							
Bull Trout (*Salvelinus confluentus*)	T, CH	FRFO	VALE; PRIN	UMA; WAW	SC	Y	Oregon
Inland Redband Trout (*Oncorhynchus mykiss gibbsi)*		FRFO	VALE; PRIN	UMA; WAW	SV	Y	Oregon
Oregon Great Basin Redband Trout (*Oncorhynchus myskiss*)					SV	Y	Oregon
Middle Columbia River Steelhead (*Oncorhynchus mykiss* ssp.)	T		PRIN; CEN	UMA; WAW	SV	N (downstream influence)	Oregon
Snake River Basin steelhead (*Oncorhynchus mykiss* ssp.)	T			UMA; WAW	SV	Y	Oregon
Snake River Chinook (Spring/Summer/Fall Runs) (*Oncorhynchus tshwatscha* ssp.)	T		VALE; PRIN	UMA; WAW	LT	Y	Oregon
Snake River Sockeye Salmon	E		VALE	WAW		Y	Oregon
Coho Salmon – (*Oncorhynchus kisutch*) Lower Columbia River DPS- No Designated Critical Habitat	T		PRIN		SC	Y	Oregon
Westslope Cutthroat Trout (*Oncorhynchus mykiss* ssp.)			PRIN	UMA; WAW	SV	Y	Oregon
White Sturgeon (*Acipenser transmontanus*)		FRFO				Y	Idaho and Oregon
Malheur Mottled Sculpin (*Cottus bendirei*)					SC	N	Oregon
Margined Sculpin (*Cottus marginatus*)					SV	N	Oregon
Pacific Lamprey (*Lampetra tridentata*)					SV	Y	Oregon
INVERTEBRATES							
Bliss Rapids Snail (*Taylorconcha serpenticola*)	T	FRFO				N	Idaho and Oregon Border

1/ Federally Listed Species: E = Endangered; T = Threatened; C = Candidate; XN = Experimental Non-essential Population; CH = Critical Habitat.
2/ BLM Sensitive Species: FRFO = Four Rivers Field Office; PRIN = Prineville District; VALE = Vale District
3/ Region 6 Forest Sensitive Species: WAW = Willowa-Whitman National Forest; UMA = Umatilla National Forest;MIS = Management Indicator Species
4/ Oregon Department of Fish and Wildlife: LE = Listed Endangered; LT = Listed Threatened; SC = Critical Sensitive Species; SV = Vulnerable Sensitive Species; SP = Peripheral Species

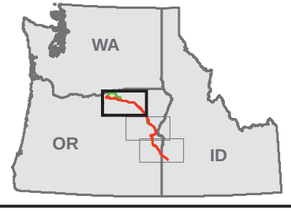
APPENDIX B
SPECIAL STATUS WILDLIFE SPECIES MAPBOOK



IDAHO POWER
An IDACORP Company

0 2.5 5 10 Miles
0 5 10 20 Kilometers

MAP SCALE = 1:450,000
MAP COORDINATE SYSTEM: UTM NAD1983, ZONE 11 NORTH



Map Features
- Index
- Route Milepost

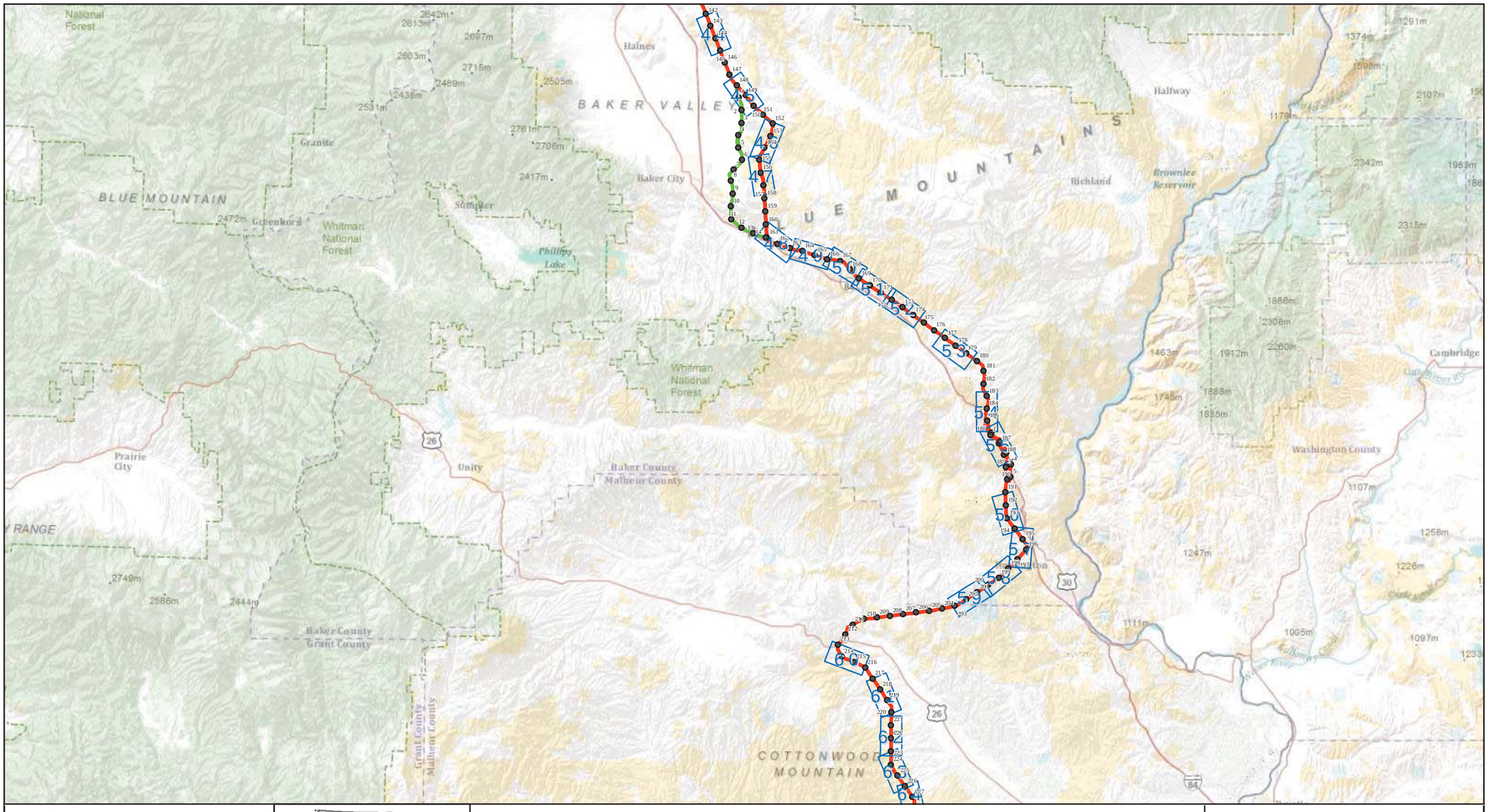
Project Features
- Proposed Substation
- Proposed Route
- Alternative Route

Land Ownership
- Bankhead Jones
- Bureau of Land Management
- Bureau of Reclamation
- Military/Corps of Engineers
- Department of Energy
- Fish and Wildlife Service
- Forest Service
- Indian Reservation
- National Park Service
- State Land
- State Park, Wildlife Area
- Water
- PRIVATE

IDAHO POWER PROPOSED ROUTE AND ALTERNATIVE ROUTES

IDAHO POWER COMPANY
BOARDMAN TO HEMINGWAY TRANSMISSION LINE PROJECT

MAP TILE OVERVIEW - OCTOBER 2011



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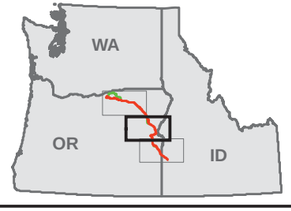
0 2.5 5 10 Miles
0 5 10 20 Kilometers

MAP SCALE = 1:450,000
MAP COORDINATE SYSTEM: UTM NAD1983, ZONE 11 NORTH



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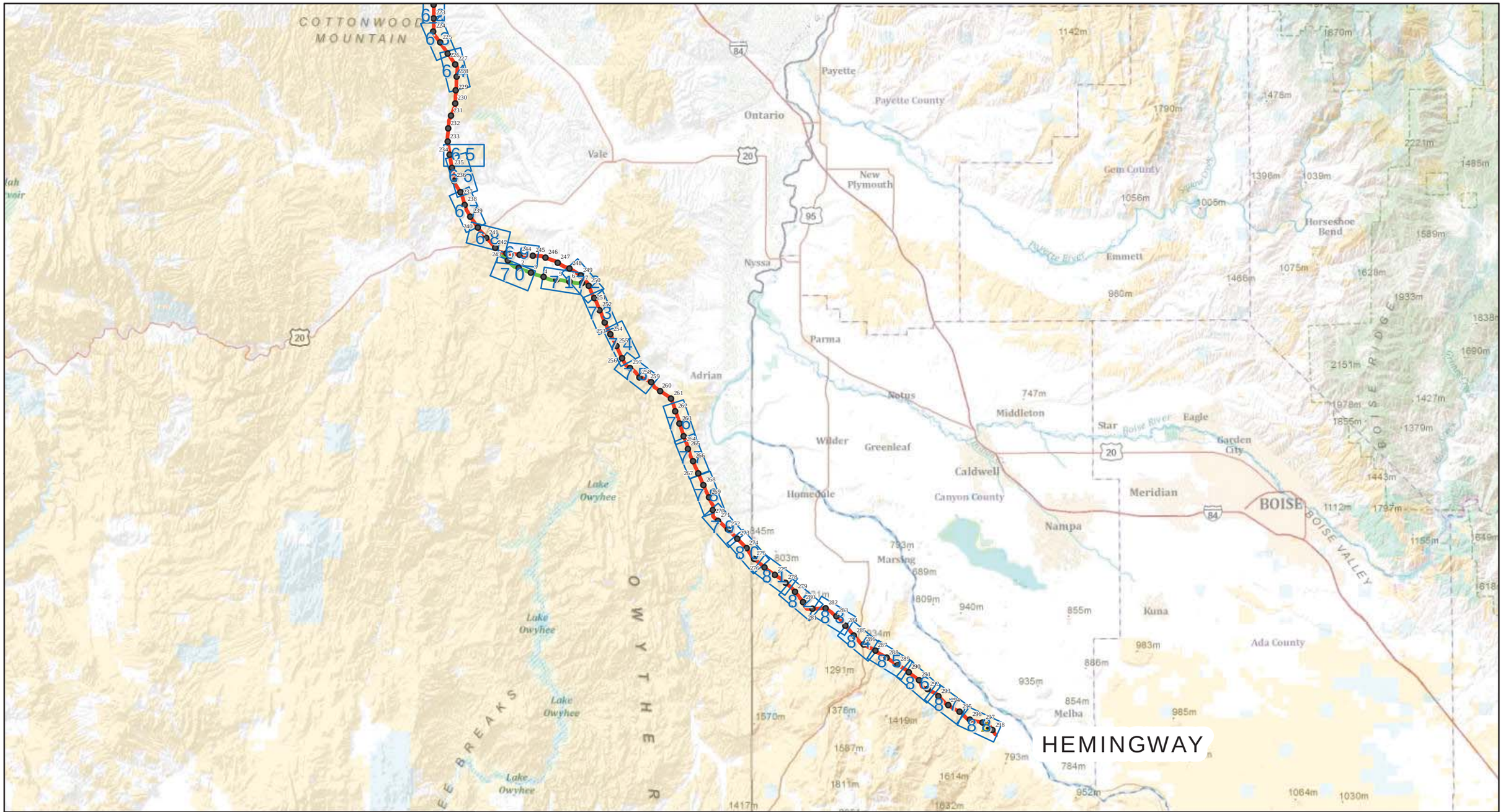

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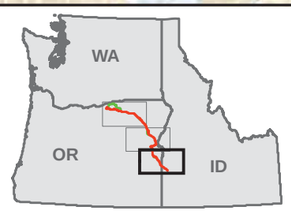
MAP SCALE = 1:450,000

MAP COORDINATE SYSTEM: UTM NAD1983, ZONE 11 NORTH



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IDAHO POWER PROPOSED ROUTE AND ALTERNATIVE ROUTES

IDAHO POWER COMPANY
BOARDMAN TO HEMINGWAY TRANSMISSION LINE PROJECT

MAP TILE OVERVIEW - OCTOBER 2011

15

16

18

17

SWHA

LBCU

LBCU

LBCU

LBCU

Grasshopper sparrow

Long-billed curlew

Washington ground squirrel

Western burrowing owl

Washington ground squirrel

0 500 1,000

Feet

IDAHO POWER
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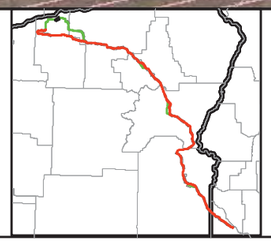

Survey Features

- Special Status Species
- Oregon Biodiversity Information Center Elemental Occurrence
- Idaho Animal Conservation Database
- Oregon Biodiversity Information Center Sage-grouse Lek

Route Features

- 5 Route Milepost
- Proposed Route
- Alternative Route
- Disturbance Outline

Right of Entry Status

- Access Granted
- Access Denied
- Public
- No Landowner Response

WILDLIFE SURVEY RESULTS

IDAHO POWER COMPANY
BOARDMAN TO HEMINGWAY
TRANSMISSION LINE PROJECT

OCTOBER 2011

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LBCU

LBCU

LBCU

29

28

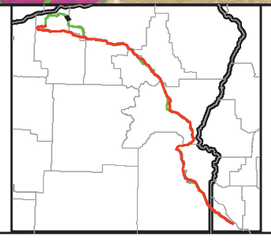
30

31

0 500 1,000

Feet

IDAHO POWER
An IDACORP Company



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Route Features

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WILDLIFE SURVEY RESULTS

IDAHO POWER COMPANY
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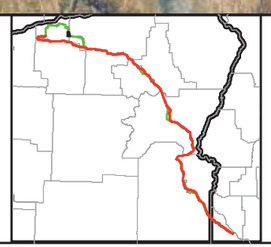
0 500 1,000
Feet



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WILDLIFE SURVEY RESULTS

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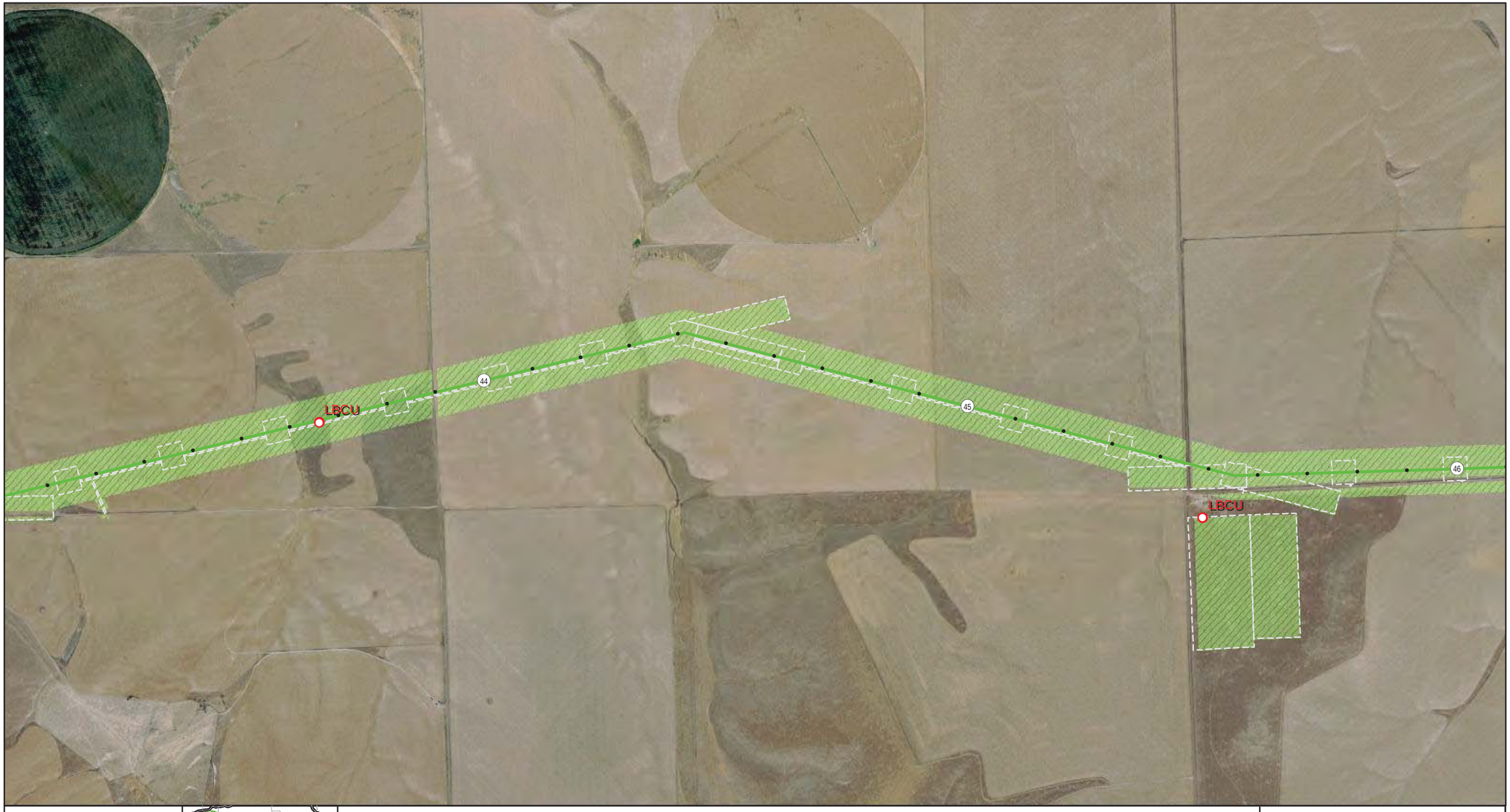
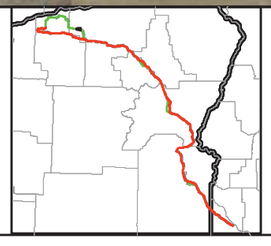


0 500 1,000
Feet

IDAHO POWER
An IDACORP Company



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Feet

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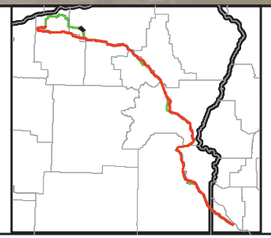

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Feet

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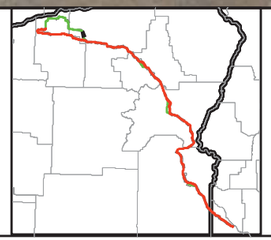

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0 500 1,000
Feet

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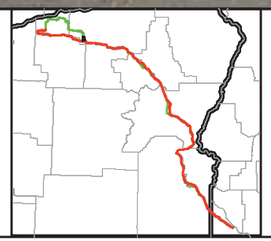

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0 500 1,000
Feet

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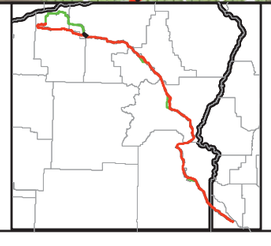

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0 500 1,000
Feet

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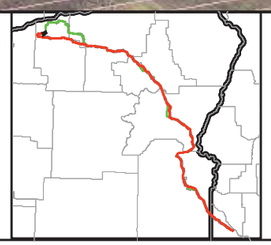

Survey Features

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Route Features

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WILDLIFE SURVEY RESULTS

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BOARDMAN TO HEMINGWAY
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LBCU

LBCU

6

5

4

Washington ground squirrel

Washington ground squirrel

Washington ground squirrel

0 500 1,000

Feet

IDAHO POWER
An IDACORP Company

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0 500 1,000
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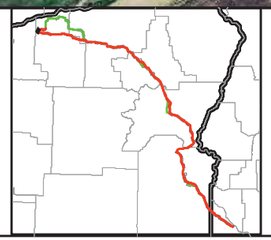

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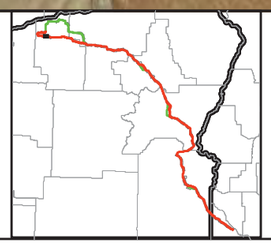
IDAHO POWER
An IDACORP Company



Survey Features

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Route Features

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- Proposed Route
- Alternative Route
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Right of Entry Status

- Access Granted
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- Public
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WILDLIFE SURVEY RESULTS

IDAHO POWER COMPANY
BOARDMAN TO HEMINGWAY
TRANSMISSION LINE PROJECT

OCTOBER 2011

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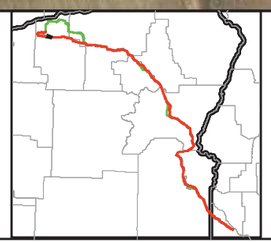

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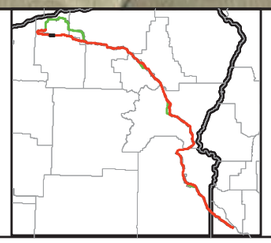

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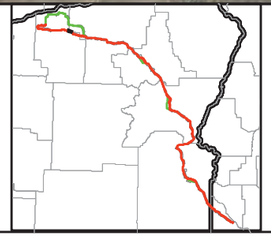

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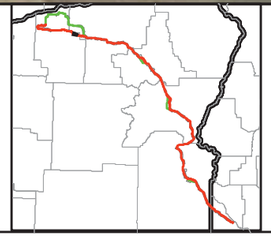

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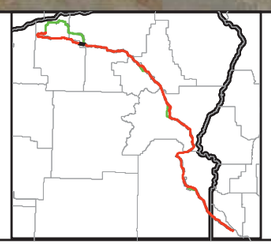

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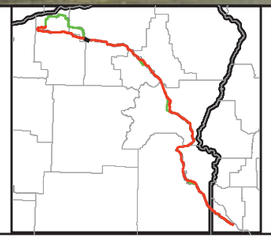

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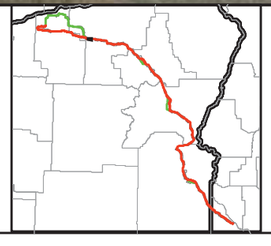

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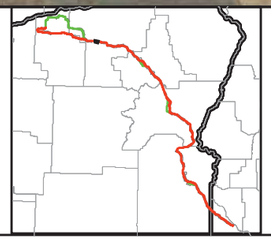

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Route Features

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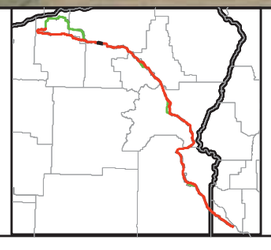

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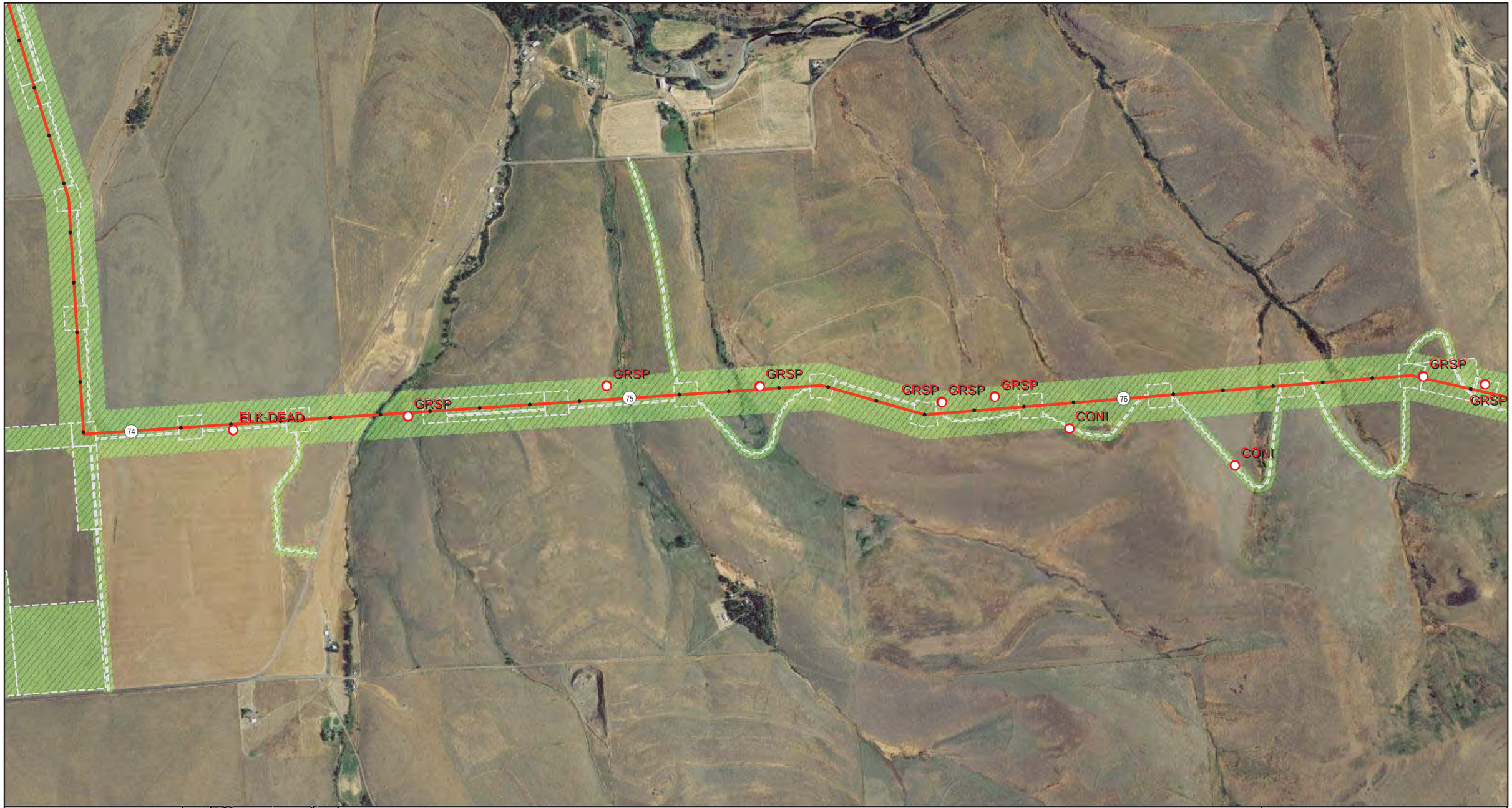

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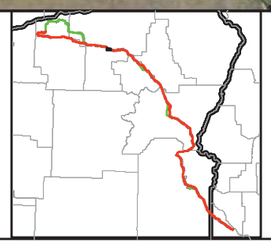

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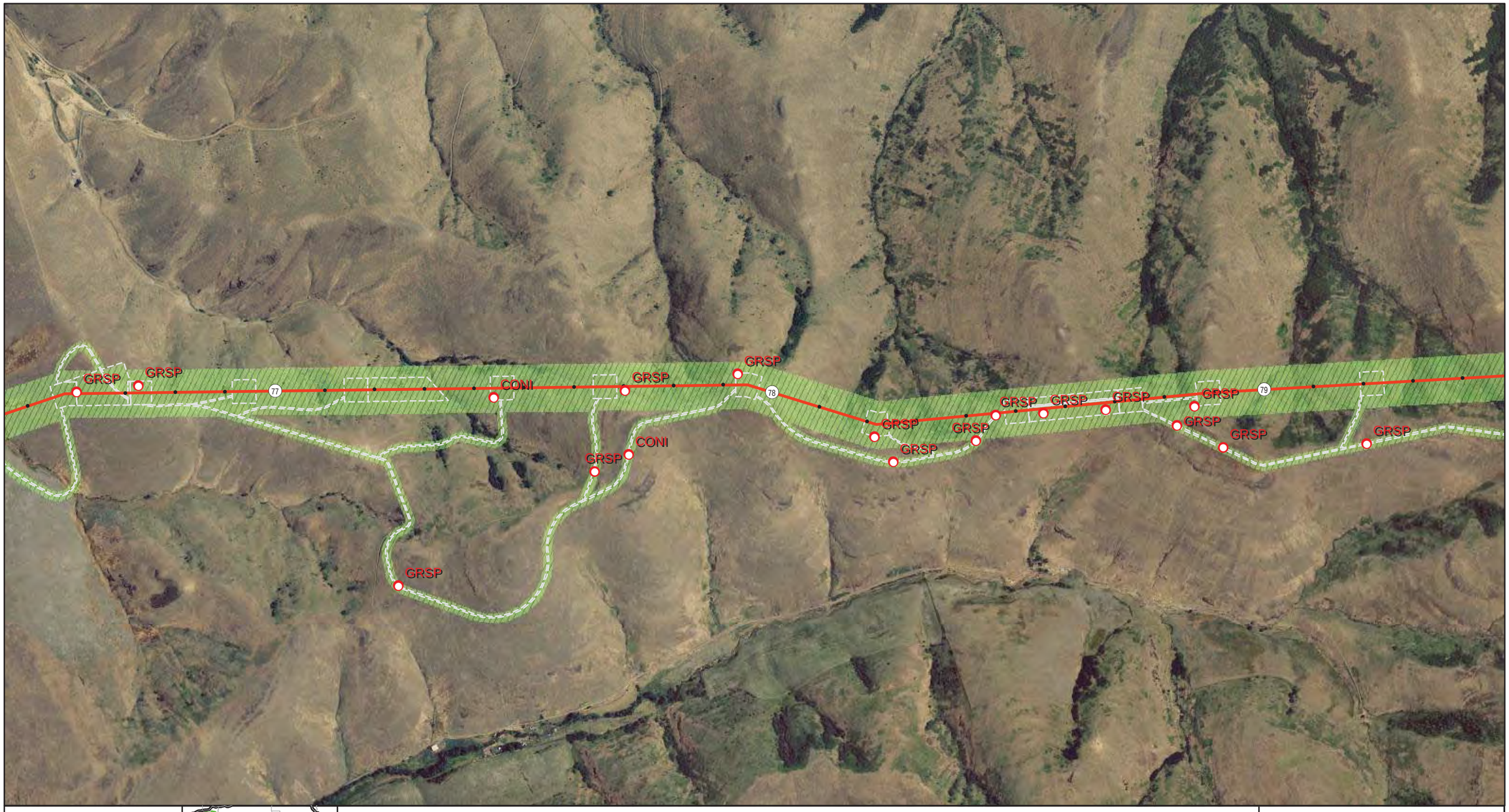
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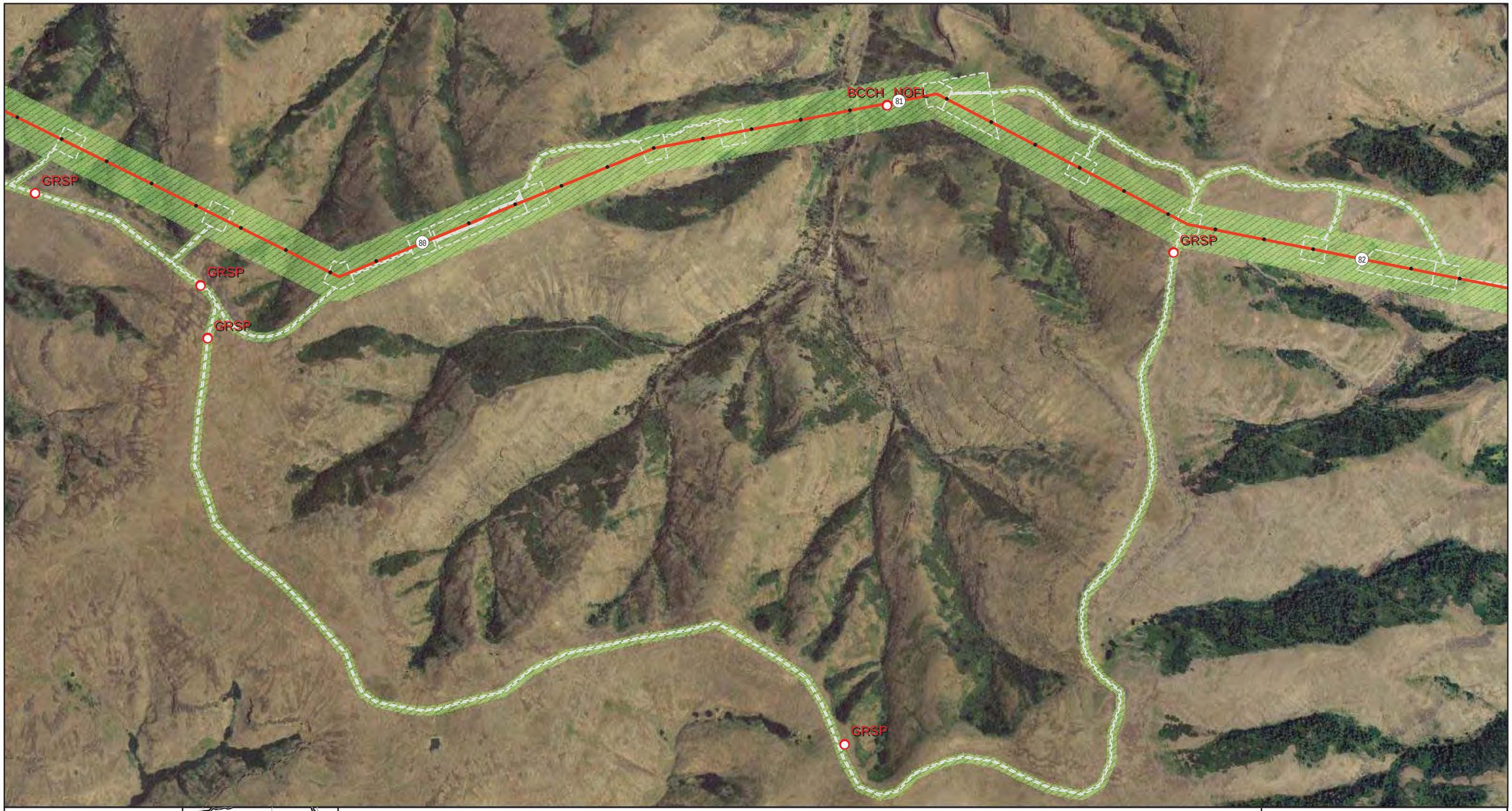

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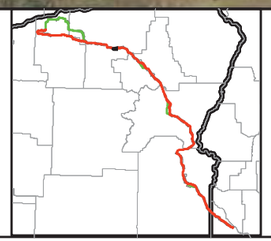

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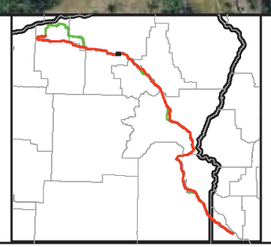

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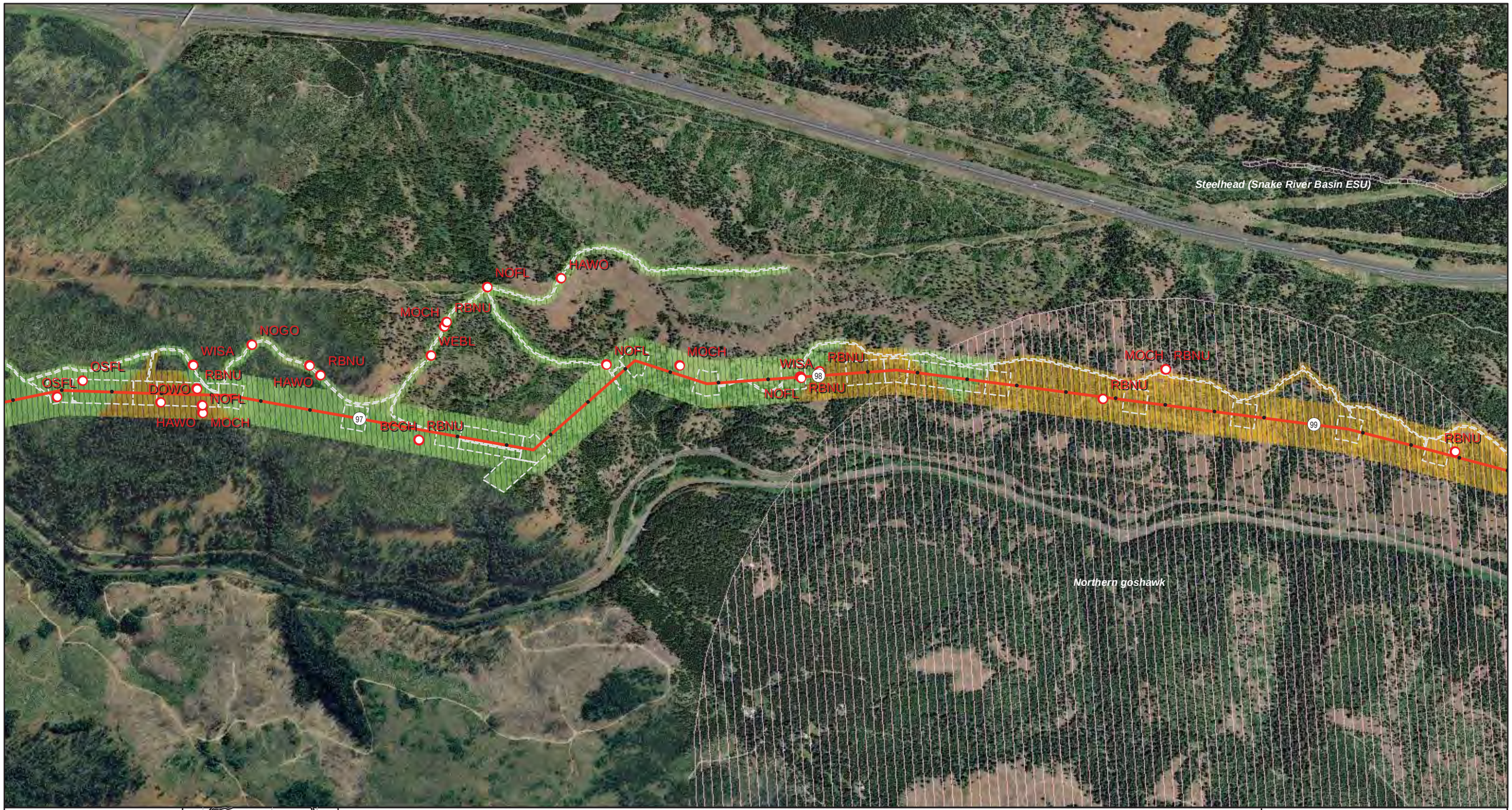

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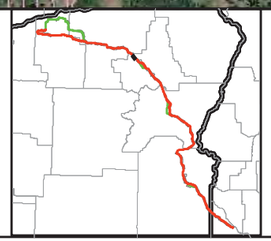

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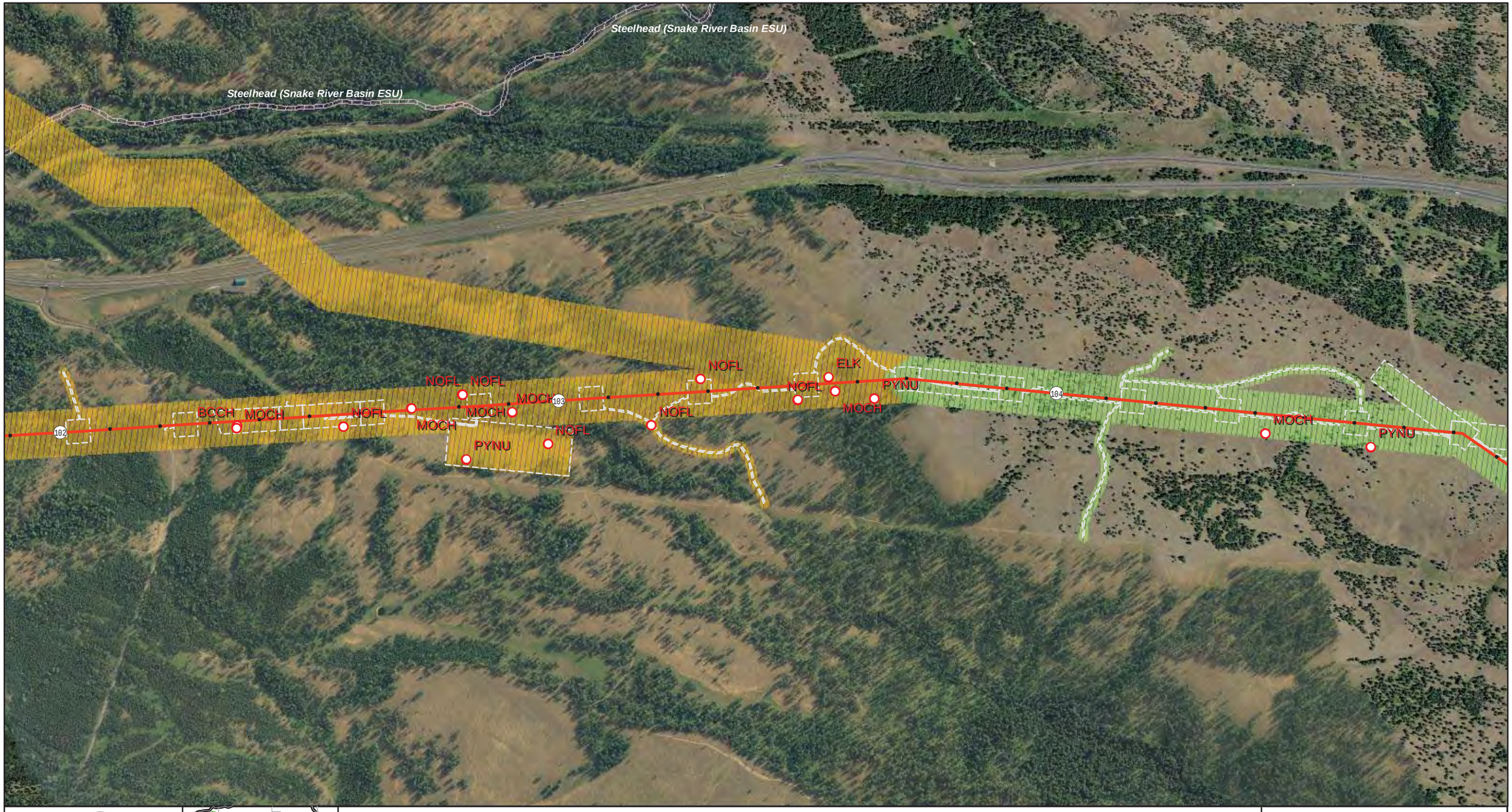

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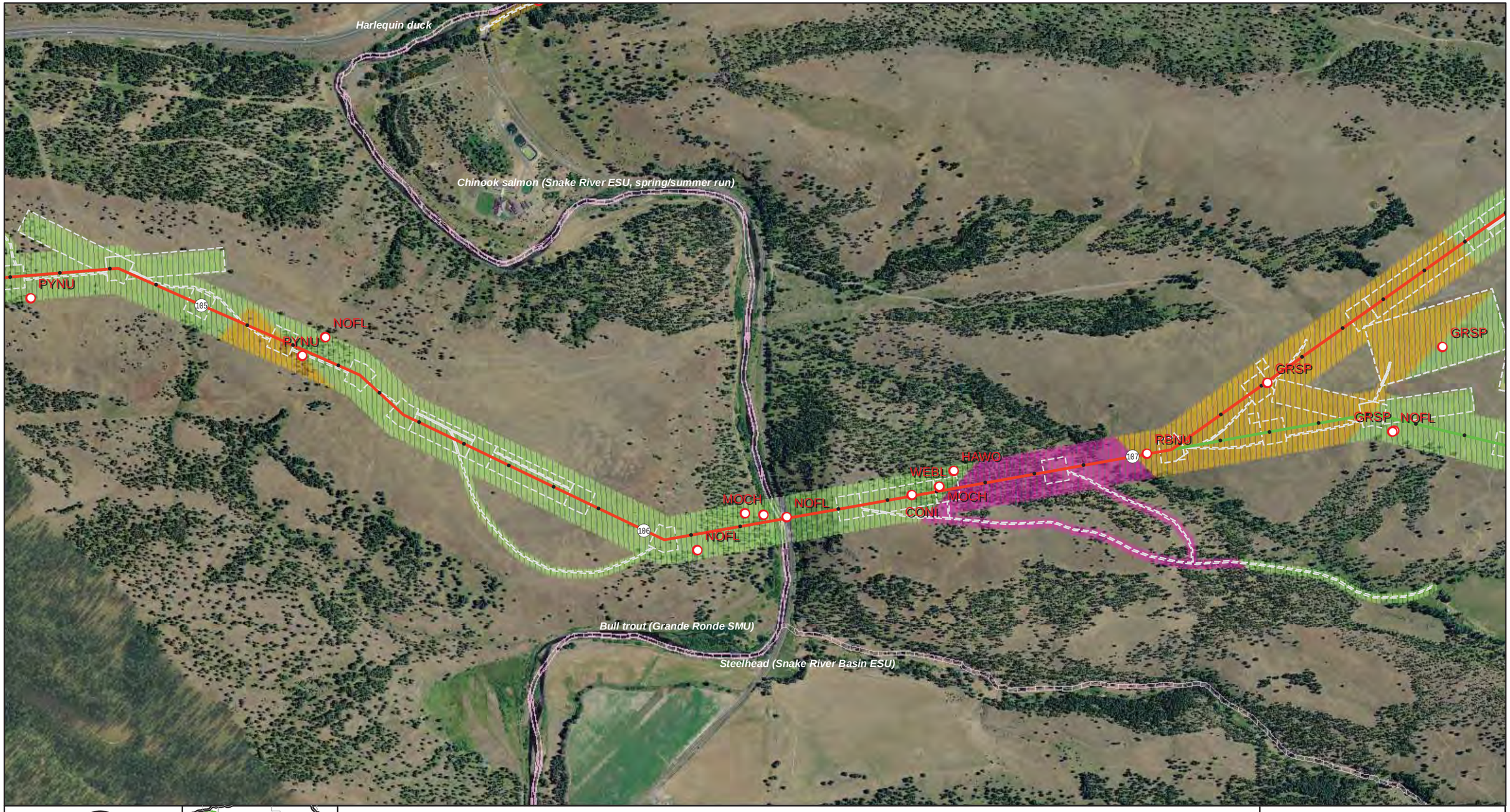

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IDAHO POWER
An IDACORP Company

Survey Features

- Special Status Species
- Oregon Biodiversity Information Center Elemental Occurrence
- Idaho Animal Conservation Database
- Oregon Biodiversity Information Center Sage-grouse Lek

Route Features

- Route Milepost
- Proposed Route
- Alternative Route
- Disturbance Outline

Right of Entry Status

- Access Granted
- Access Denied
- Public
- No Landowner Response

WILDLIFE SURVEY RESULTS

IDAHO POWER COMPANY
BOARDMAN TO HEMINGWAY
TRANSMISSION LINE PROJECT

OCTOBER 2011

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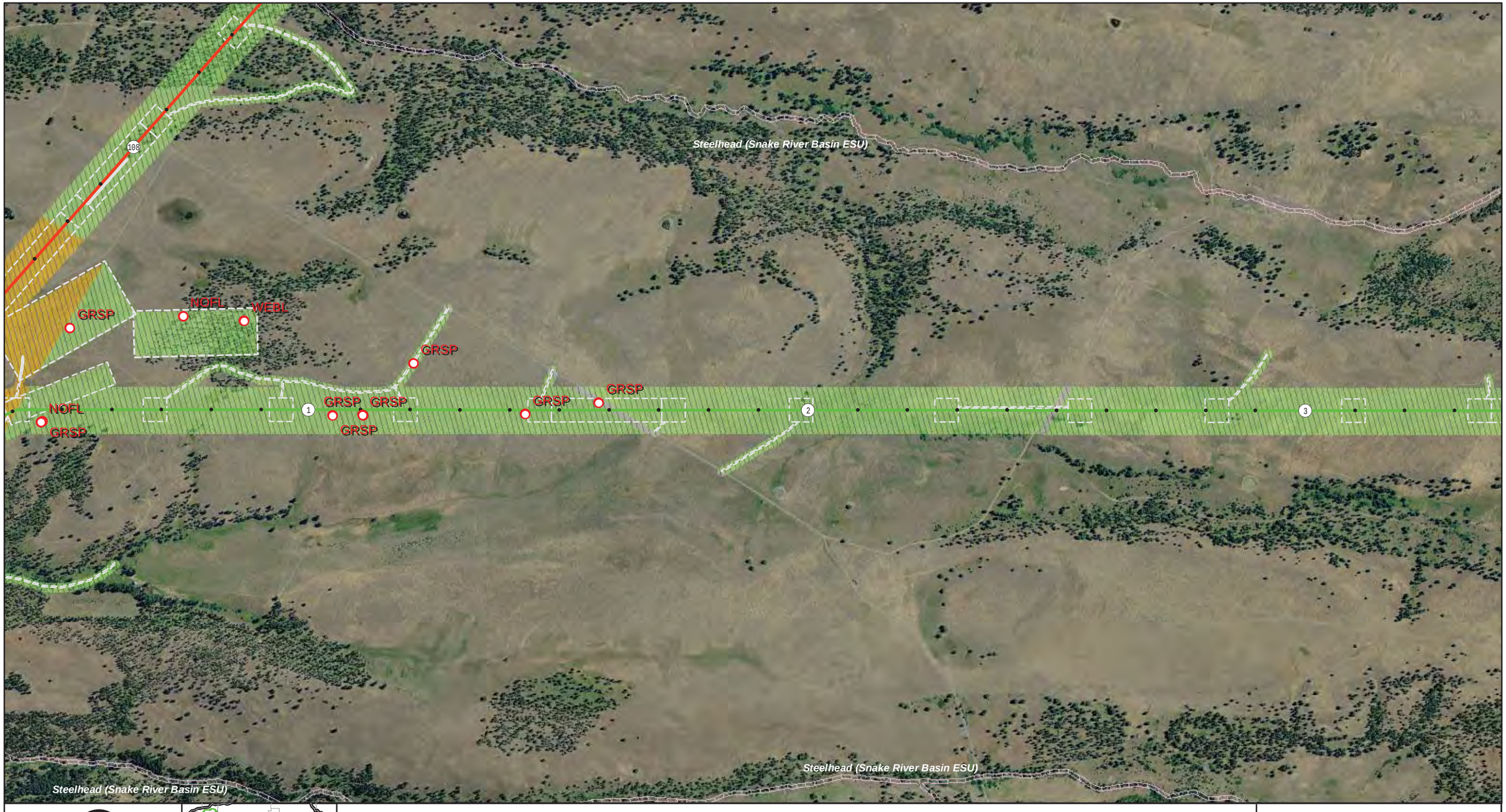

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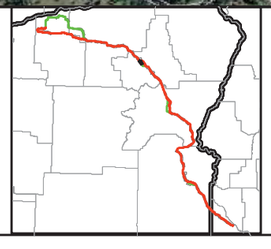
IDAHO POWER
An IDACORP Company



Survey Features

- Special Status Species
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- Idaho Animal Conservation Database
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Route Features

- (5) Route Milepost
- Proposed Route
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Right of Entry Status

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WILDLIFE SURVEY RESULTS

IDAHO POWER COMPANY
BOARDMAN TO HEMINGWAY
TRANSMISSION LINE PROJECT

OCTOBER 2011

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IDAHO POWER
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WILDLIFE SURVEY RESULTS

IDAHO POWER COMPANY
BOARDMAN TO HEMINGWAY
TRANSMISSION LINE PROJECT

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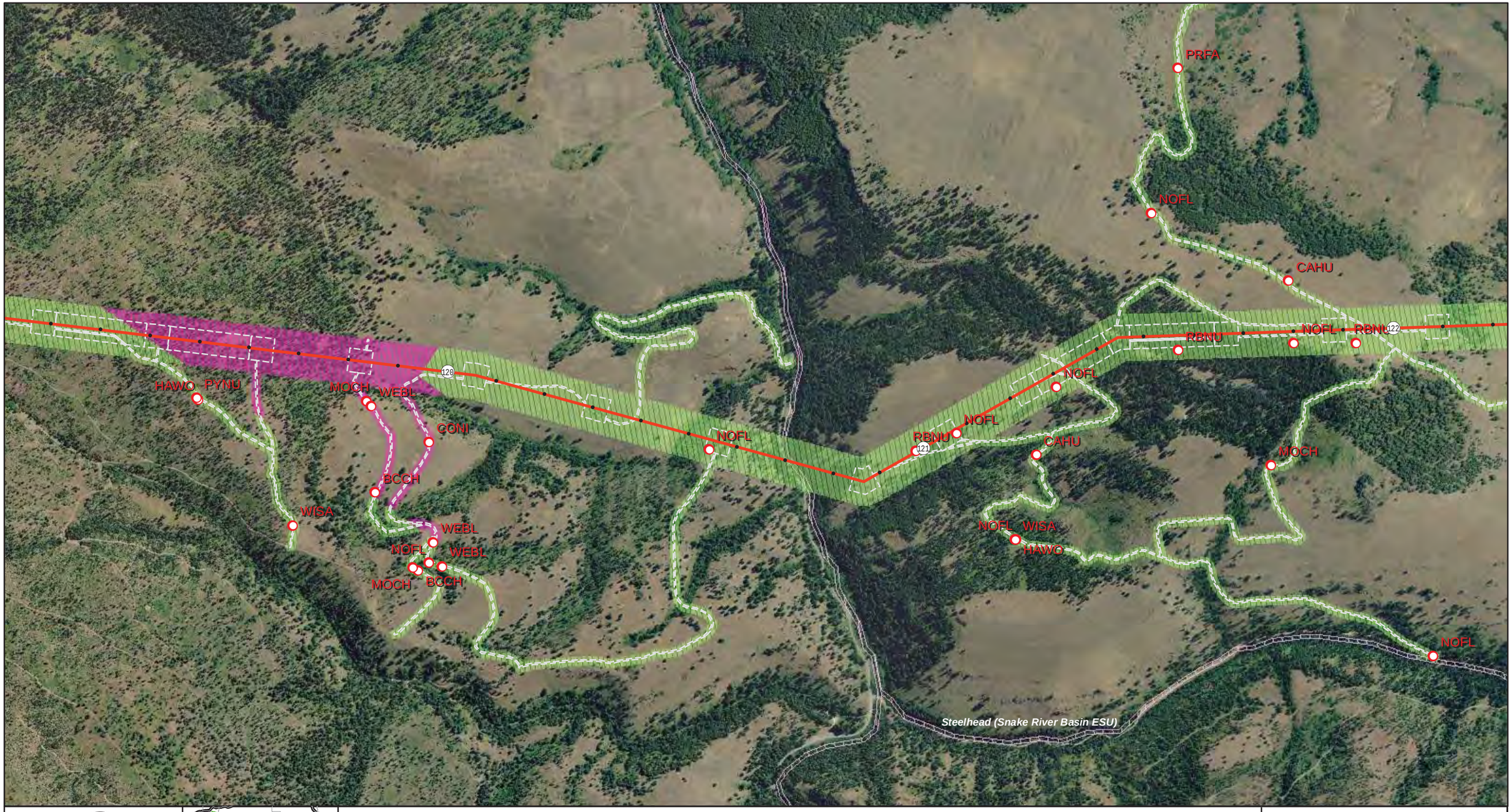

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Feet

IDAHO POWER
An IDACORP Company

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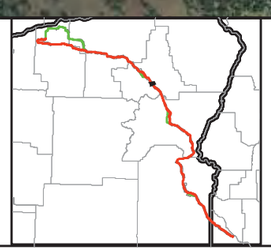

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BOARDMAN TO HEMINGWAY
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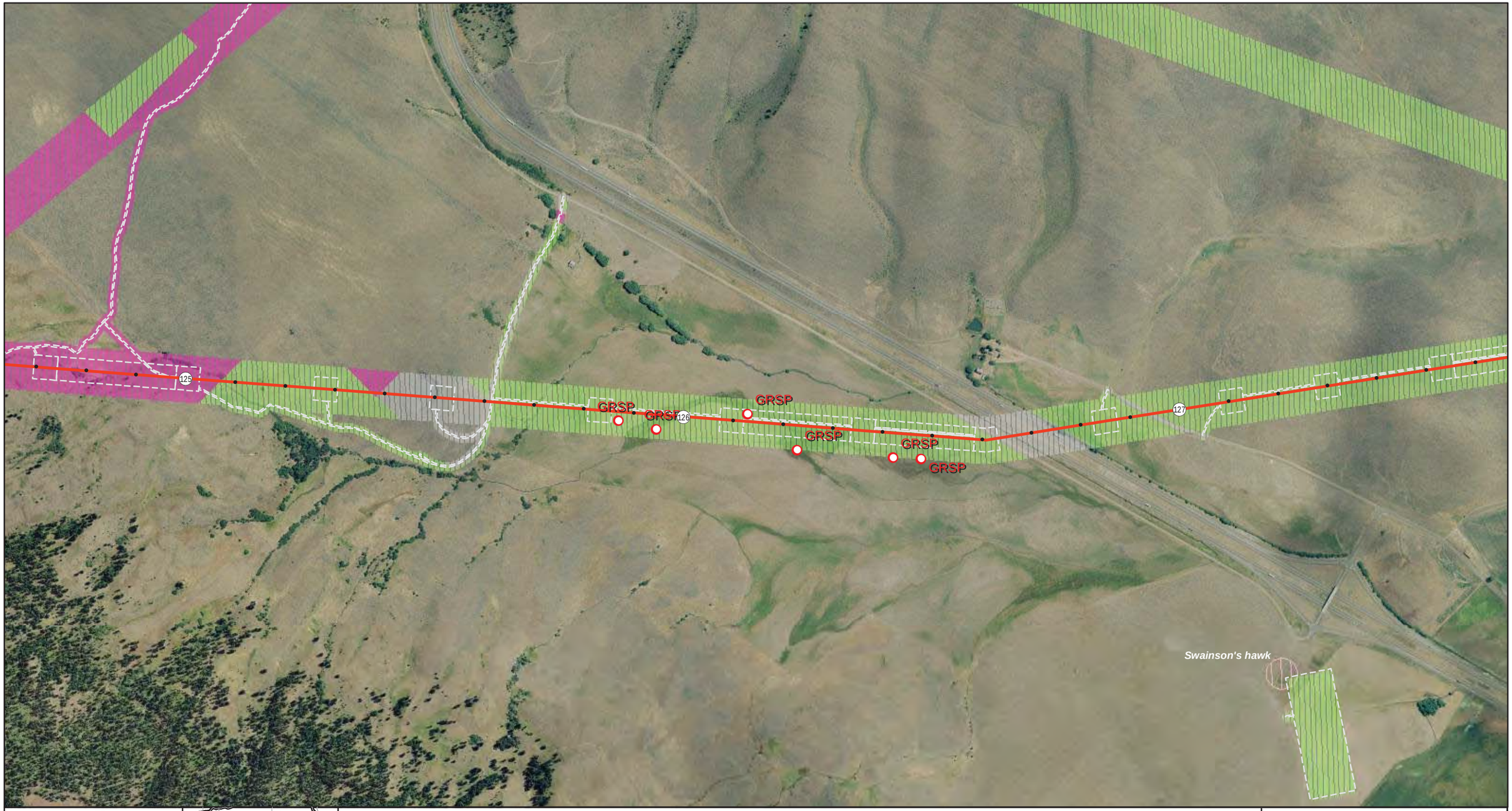

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IDAHO POWER
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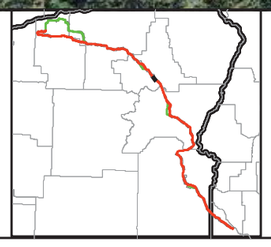

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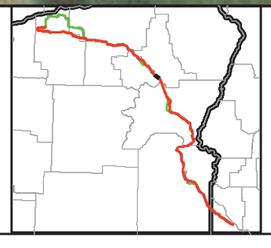

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BOARDMAN TO HEMINGWAY
TRANSMISSION LINE PROJECT

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IDAHO POWER
An IDACORP Company

Survey Features

- Special Status Species
- Oregon Biodiversity Information Center Elemental Occurrence
- Idaho Animal Conservation Database
- Oregon Biodiversity Information Center Sage-grouse Lek

Route Features

- 5 Route Milepost
- Proposed Route
- Alternative Route
- Disturbance Outline

Right of Entry Status

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- Public
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WILDLIFE SURVEY RESULTS

IDAHO POWER COMPANY
BOARDMAN TO HEMINGWAY
TRANSMISSION LINE PROJECT

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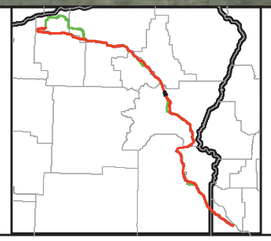
An IDACORP Company



Survey Features

- Special Status Species
- Oregon Biodiversity Information Center Elemental Occurrence
- Idaho Animal Conservation Database
- Oregon Biodiversity Information Center Sage-grouse Lek

Route Features

- (5) Route Milepost
- Proposed Route
- Alternative Route
- Disturbance Outline

Right of Entry Status

- Access Granted
- Access Denied
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WILDLIFE SURVEY RESULTS

IDAHO POWER COMPANY
BOARDMAN TO HEMINGWAY
TRANSMISSION LINE PROJECT

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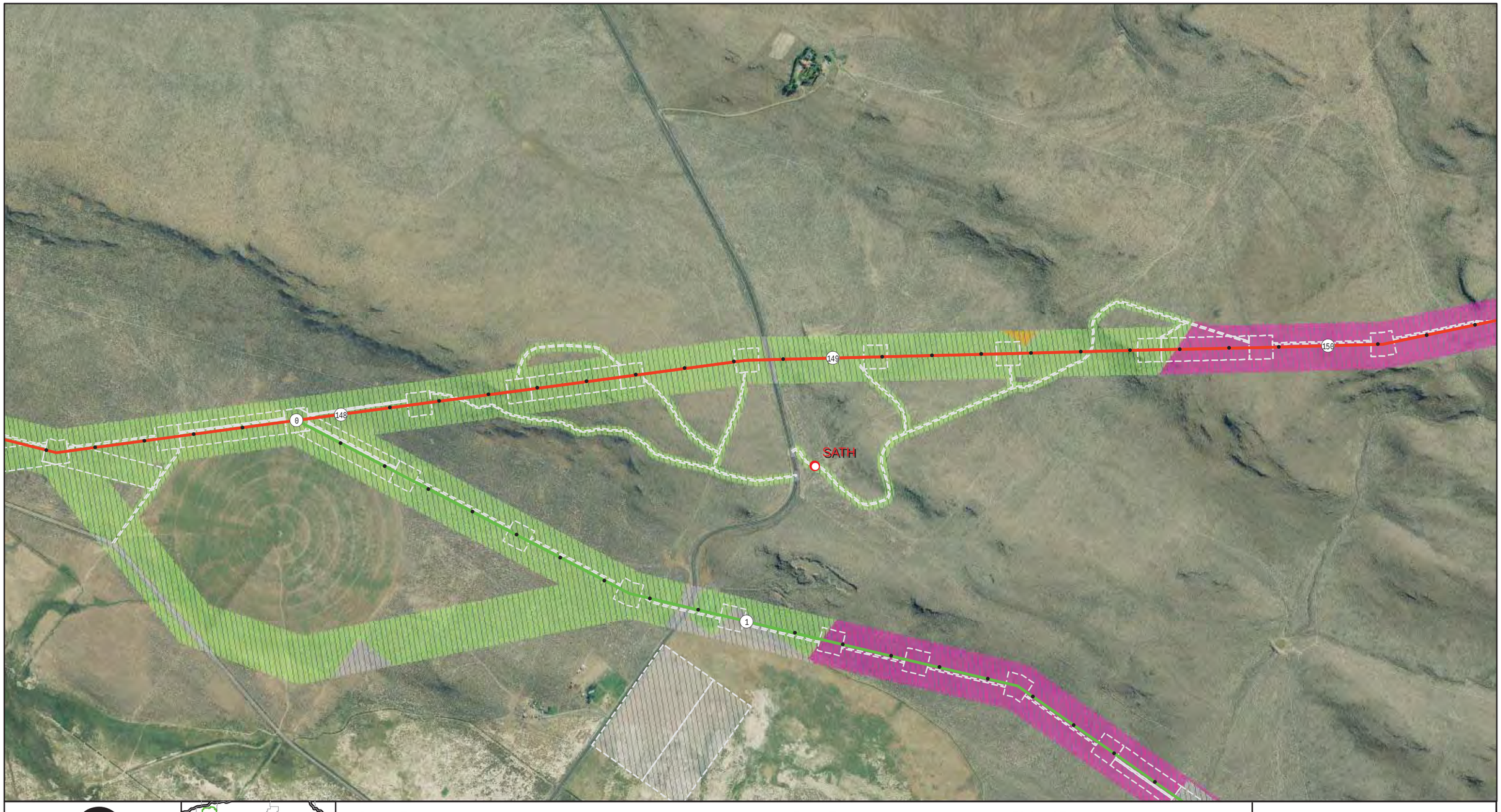

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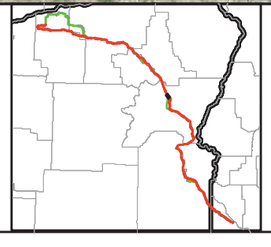
An IDACORP Company



Survey Features

- Special Status Species
- Oregon Biodiversity Information Center Elemental Occurrence
- Idaho Animal Conservation Database
- Oregon Biodiversity Information Center Sage-grouse Lek

Route Features

- Route Milepost
- Proposed Route
- Alternative Route
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WILDLIFE SURVEY RESULTS

IDAHO POWER COMPANY
BOARDMAN TO HEMINGWAY
TRANSMISSION LINE PROJECT

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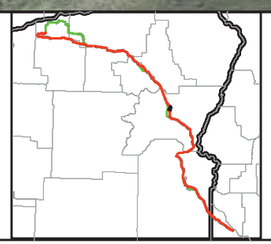

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Feet

IDAHO POWER
An IDACORP Company

Survey Features

- Special Status Species
- Oregon Biodiversity Information Center Elemental Occurrence
- Idaho Animal Conservation Database
- Oregon Biodiversity Information Center Sage-grouse Lek

Route Features

- Route Milepost
- Proposed Route
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- Disturbance Outline

Right of Entry Status

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WILDLIFE SURVEY RESULTS

IDAHO POWER COMPANY
BOARDMAN TO HEMINGWAY
TRANSMISSION LINE PROJECT

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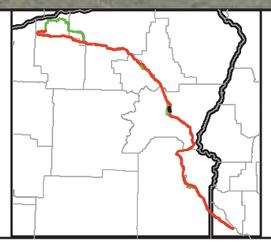
SATH
SATH
SATH
LOSH
LOSH
LOSH
SATH
155
156
157

0 500 1,000
Feet

IDAHO POWER
An IDACORP Company



Survey Features

- Special Status Species
- Oregon Biodiversity Information Center Elemental Occurrence
- Idaho Animal Conservation Database
- Oregon Biodiversity Information Center Sage-grouse Lek

Route Features

- (5) Route Milepost
- Proposed Route
- Alternative Route
- Disturbance Outline

Right of Entry Status

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- Access Denied
- Public
- No Landowner Response

WILDLIFE SURVEY RESULTS

IDAHO POWER COMPANY
BOARDMAN TO HEMINGWAY
TRANSMISSION LINE PROJECT

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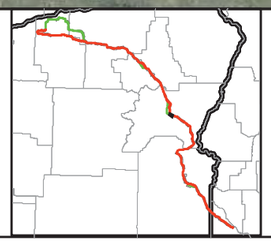
IDAHO POWER
An IDACORP Company



Survey Features

- Special Status Species
- Oregon Biodiversity Information Center Elemental Occurrence
- Idaho Animal Conservation Database
- Oregon Biodiversity Information Center Sage-grouse Lek

Route Features

- 5 Route Milepost
- Proposed Route
- Alternative Route
- Disturbance Outline

Right of Entry Status

- Access Granted
- Access Denied
- Public
- No Landowner Response

WILDLIFE SURVEY RESULTS

IDAHO POWER COMPANY
BOARDMAN TO HEMINGWAY
TRANSMISSION LINE PROJECT

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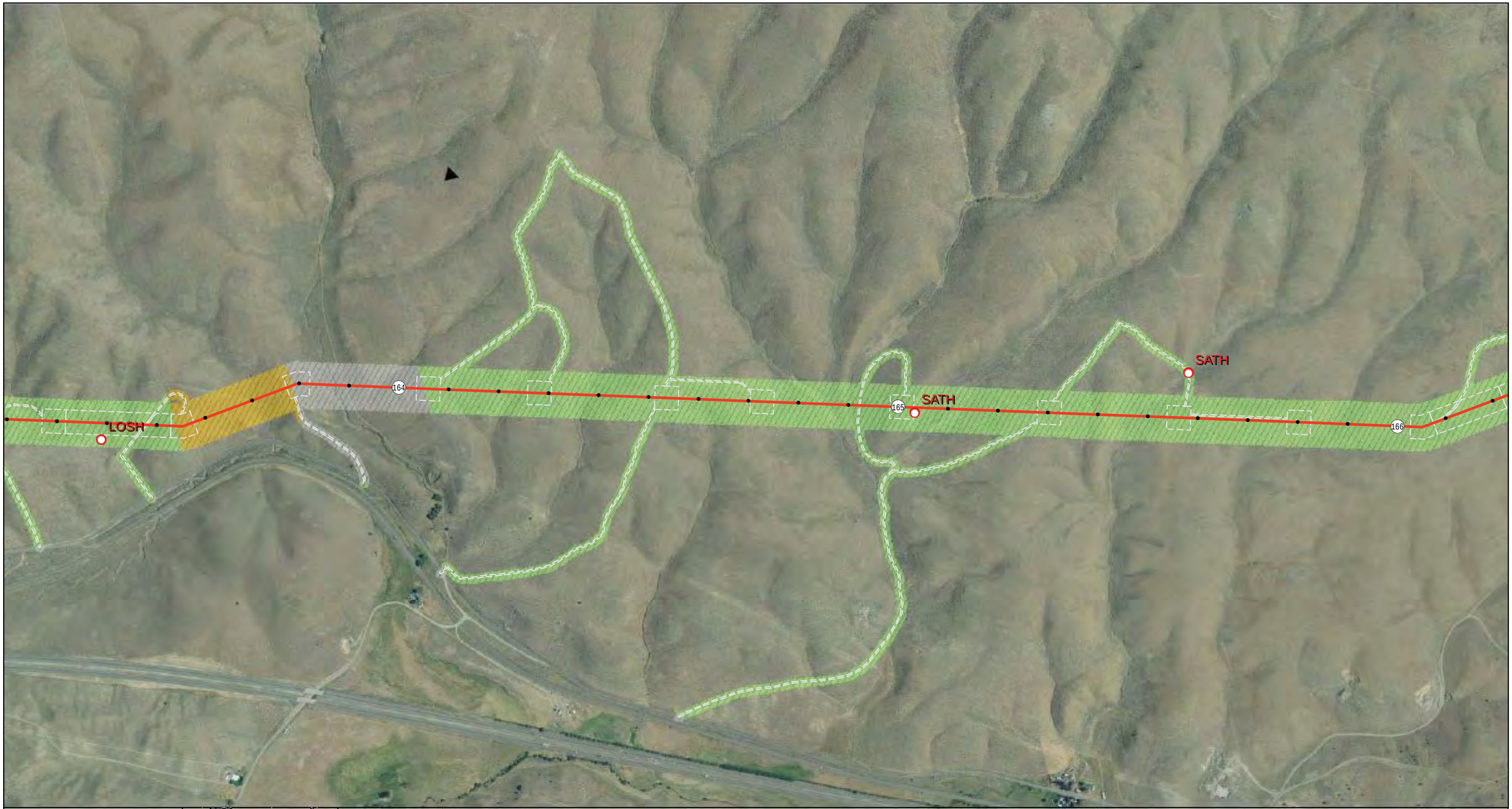

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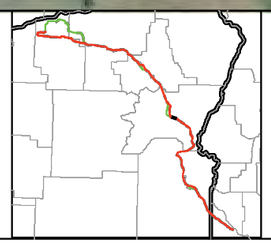

Survey Features

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Route Features

- Route Milepost
- Proposed Route
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Right of Entry Status

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- Public
- No Landowner Response

Appendix B:
Special Status Wildlife Species

IDAHO POWER COMPANY
BOARDMAN TO HEMINGWAY
TRANSMISSION LINE PROJECT

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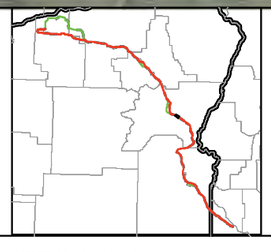
Feet



Survey Features

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Route Features

- Route Milepost
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Appendix B:
Special Status Wildlife Species

IDAHO POWER COMPANY
BOARDMAN TO HEMINGWAY
TRANSMISSION LINE PROJECT

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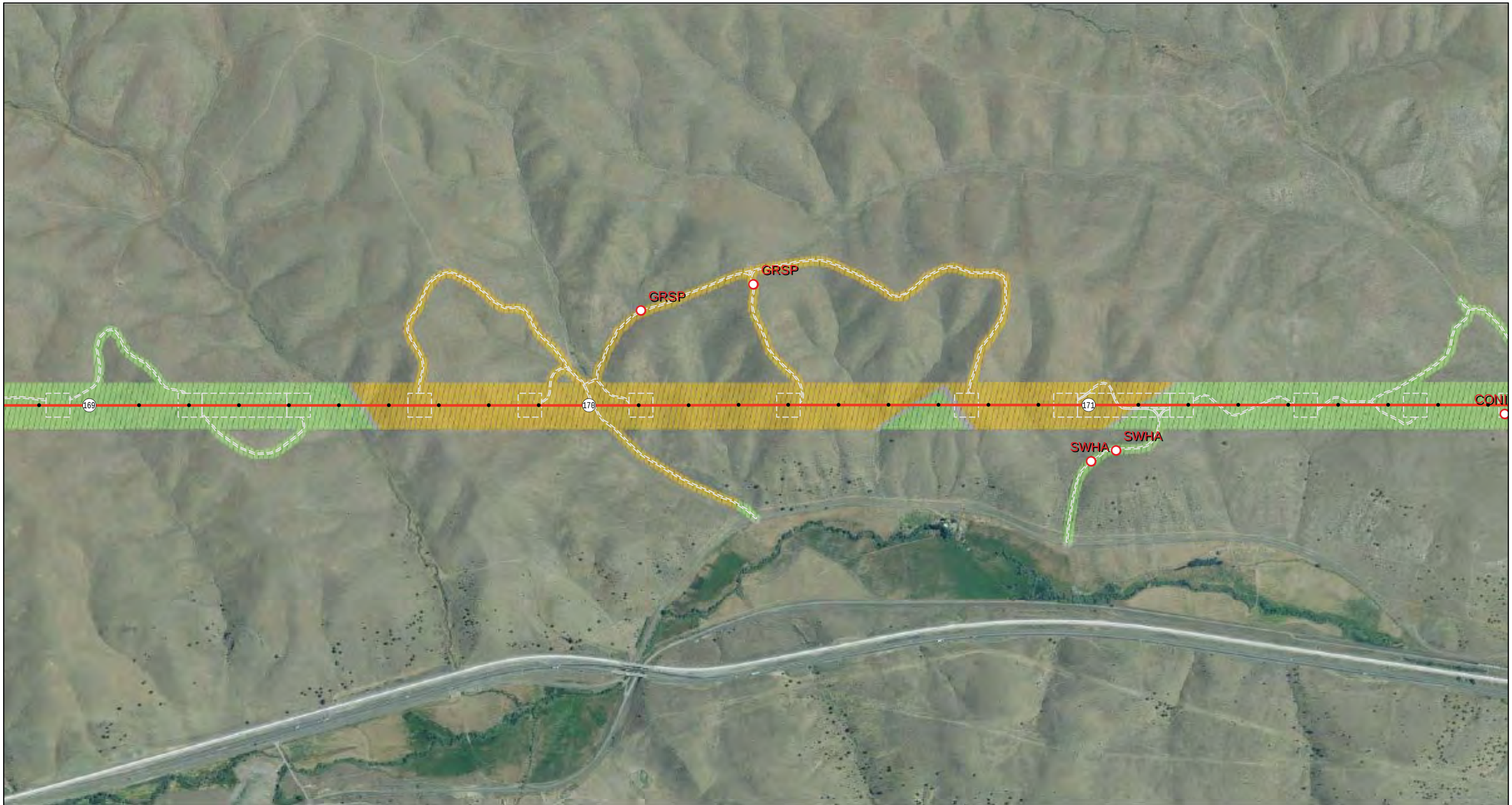

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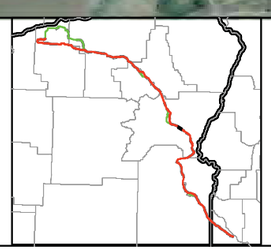

Survey Features

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Route Features

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Special Status Wildlife Species

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BOARDMAN TO HEMINGWAY
TRANSMISSION LINE PROJECT

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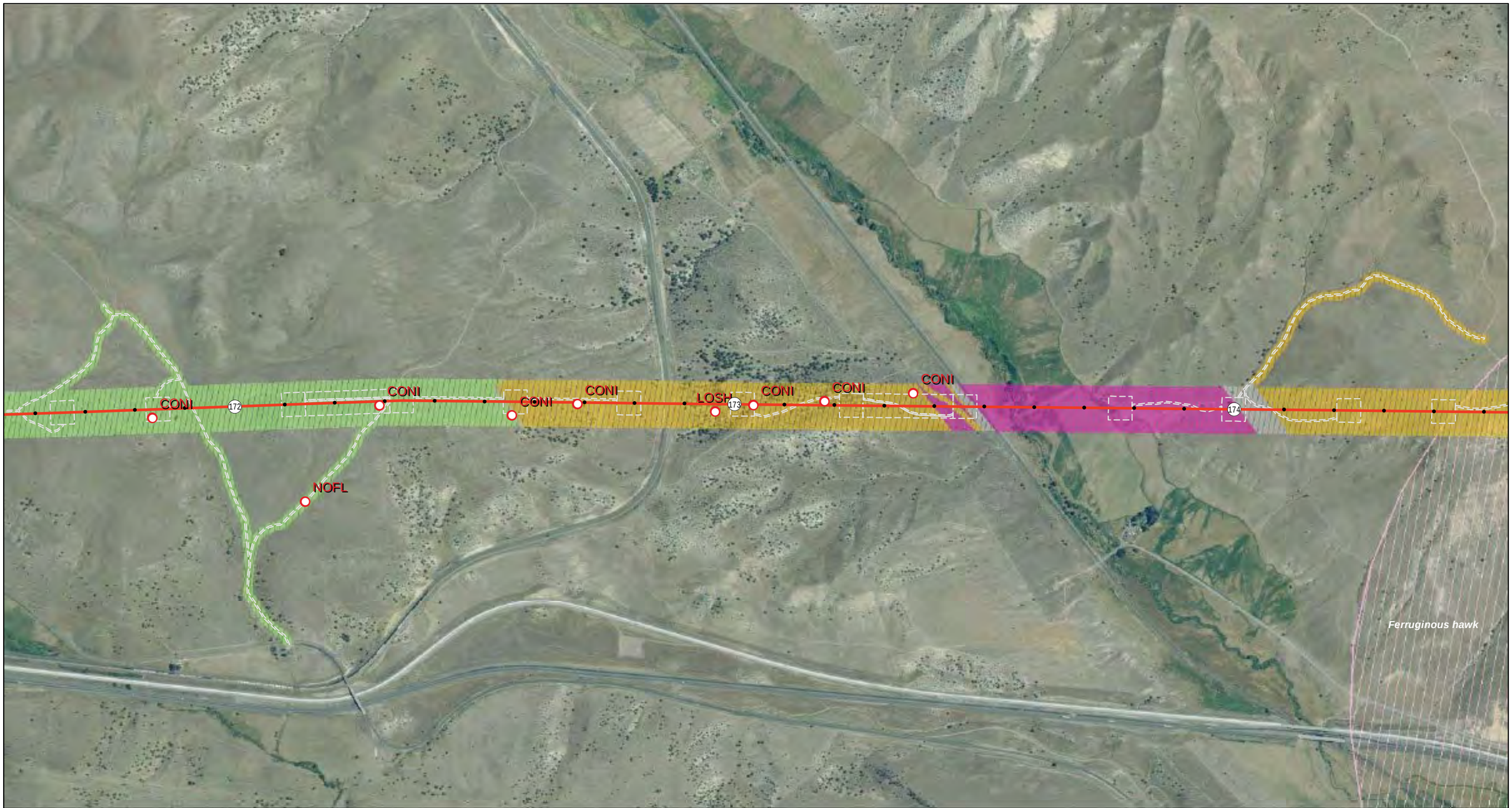

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Feet

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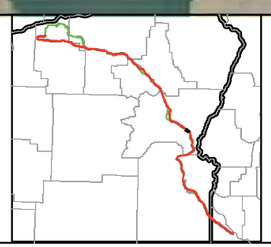

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183
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COMMON GARTER SNAKE
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Feet

Survey Features

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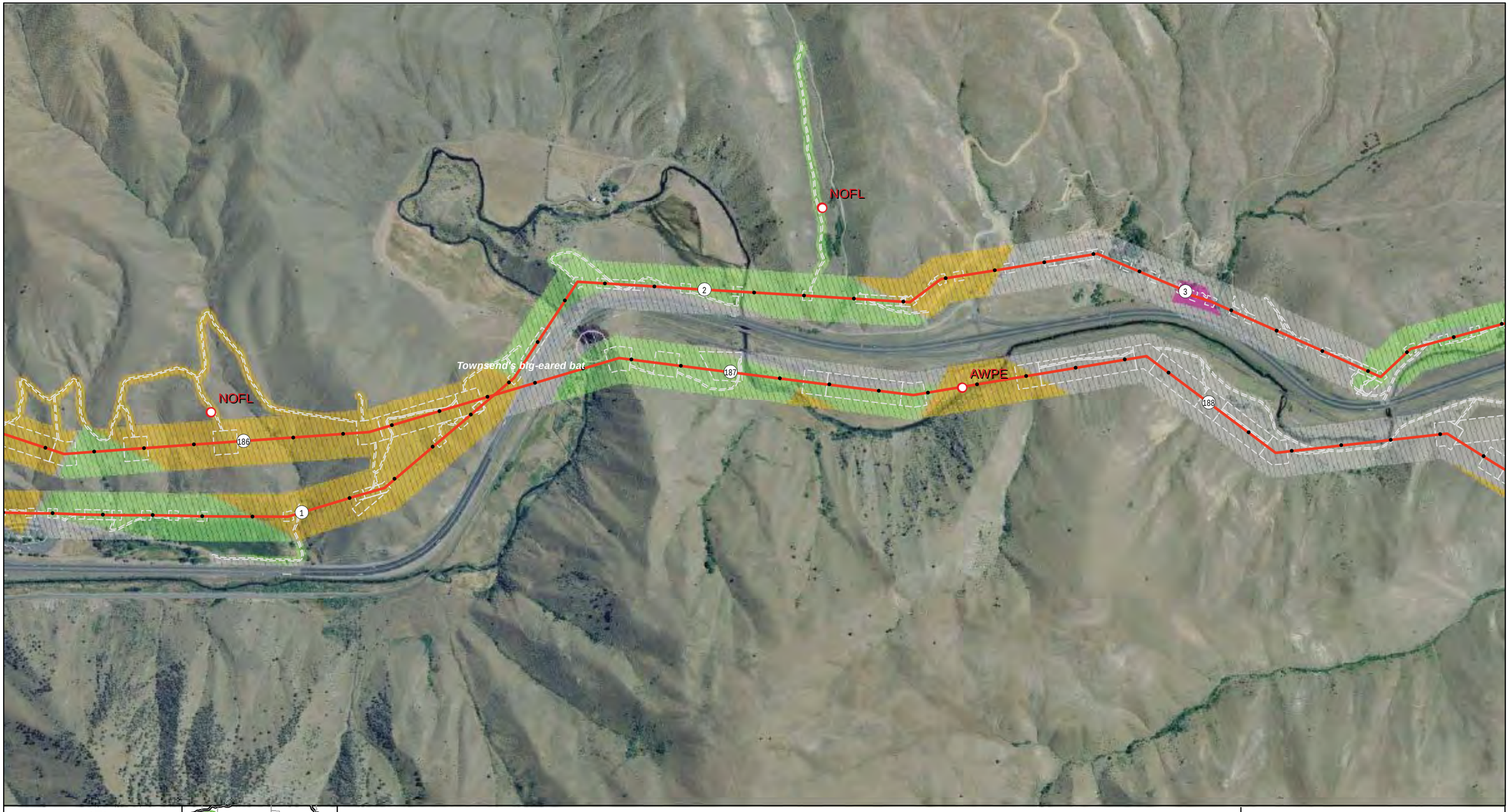

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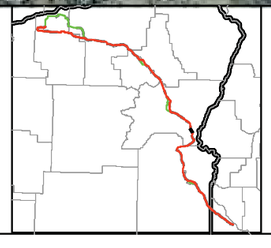

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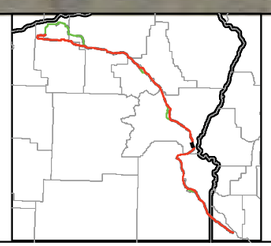

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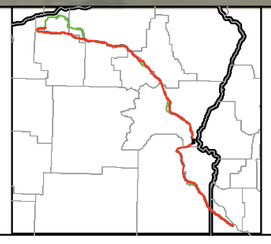

Survey Features

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Route Features

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- Proposed Route
- Alternative Route
- Disturbance Outline

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- Access Granted
- Access Denied
- Public
- No Landowner Response

Appendix B:
Special Status Wildlife Species

IDAHO POWER COMPANY
BOARDMAN TO HEMINGWAY
TRANSMISSION LINE PROJECT

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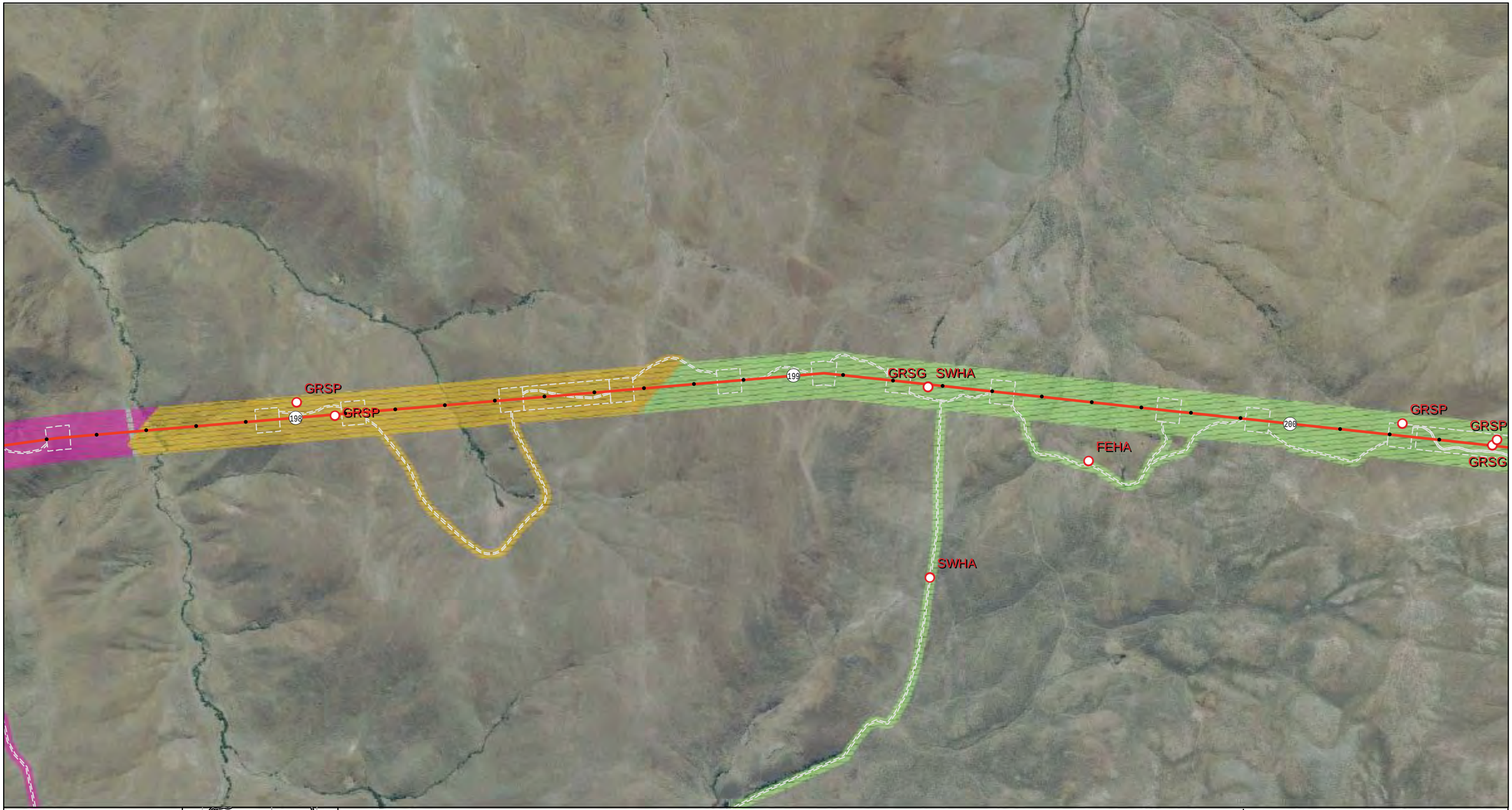

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Feet

IDAHO POWER
An IDACORP Company

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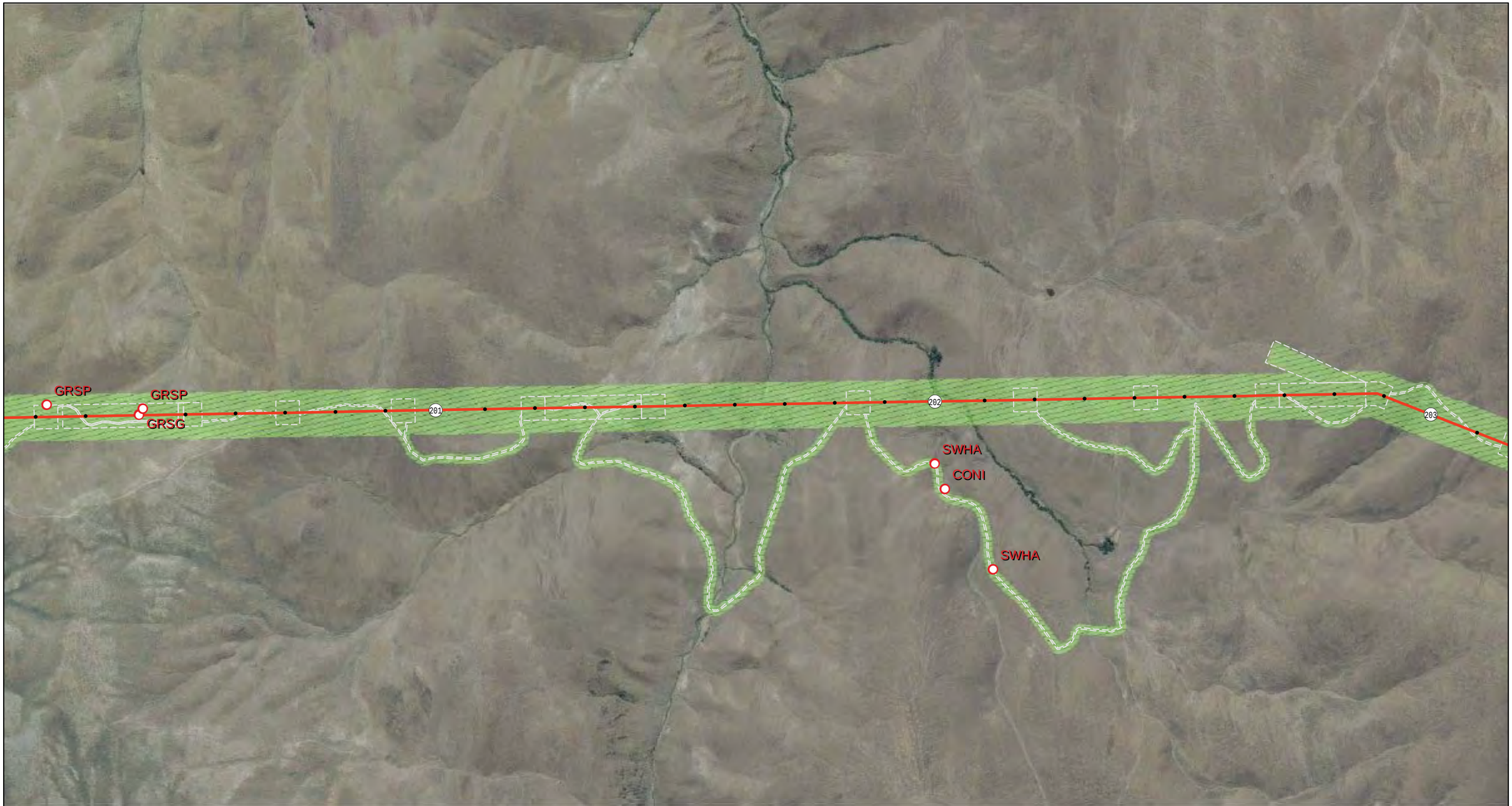

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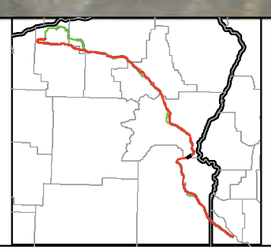

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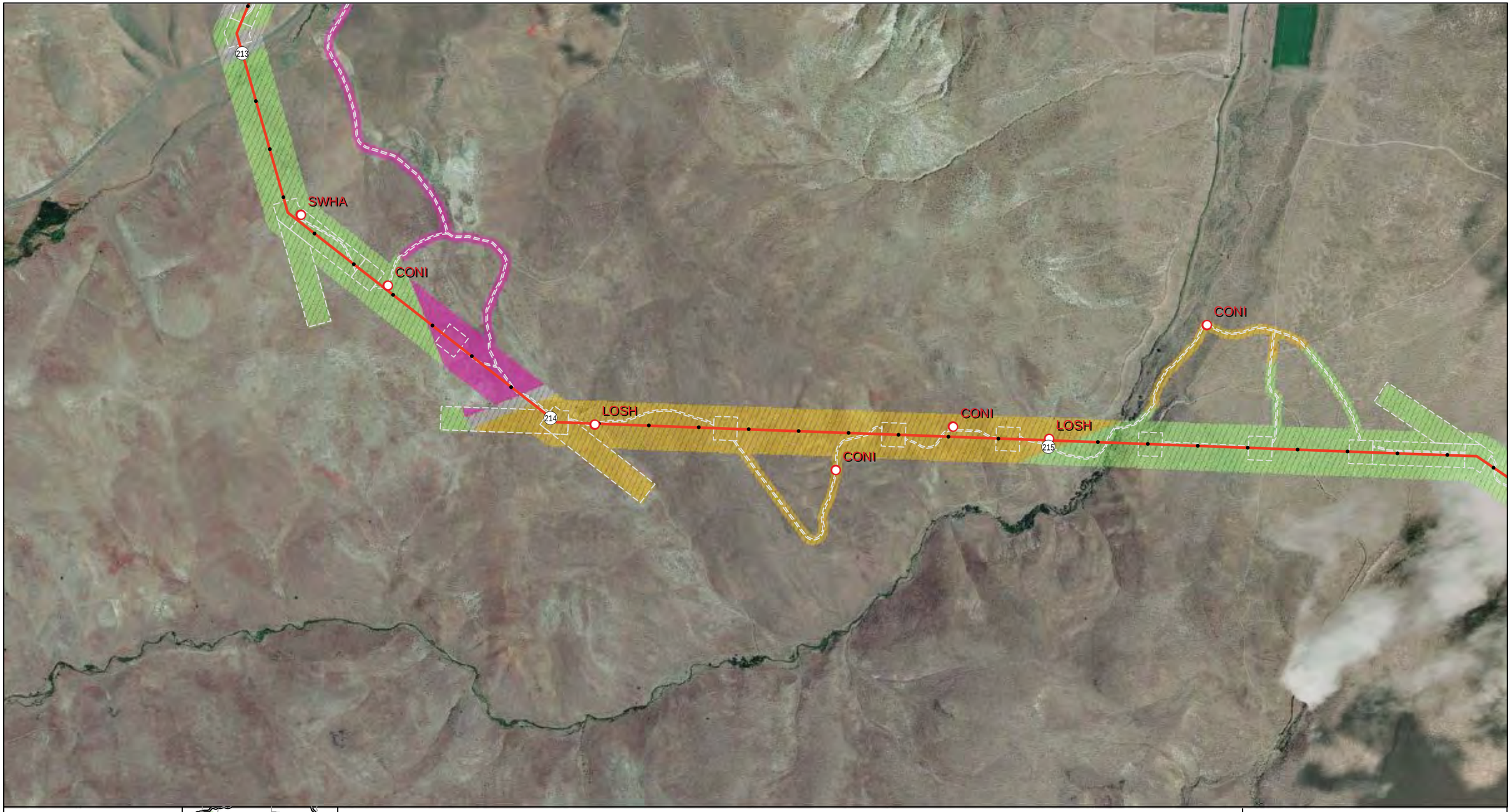

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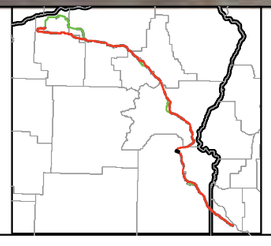

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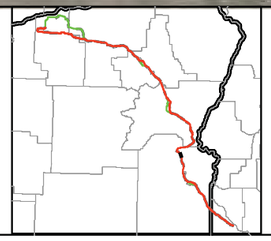
IDAHO POWER



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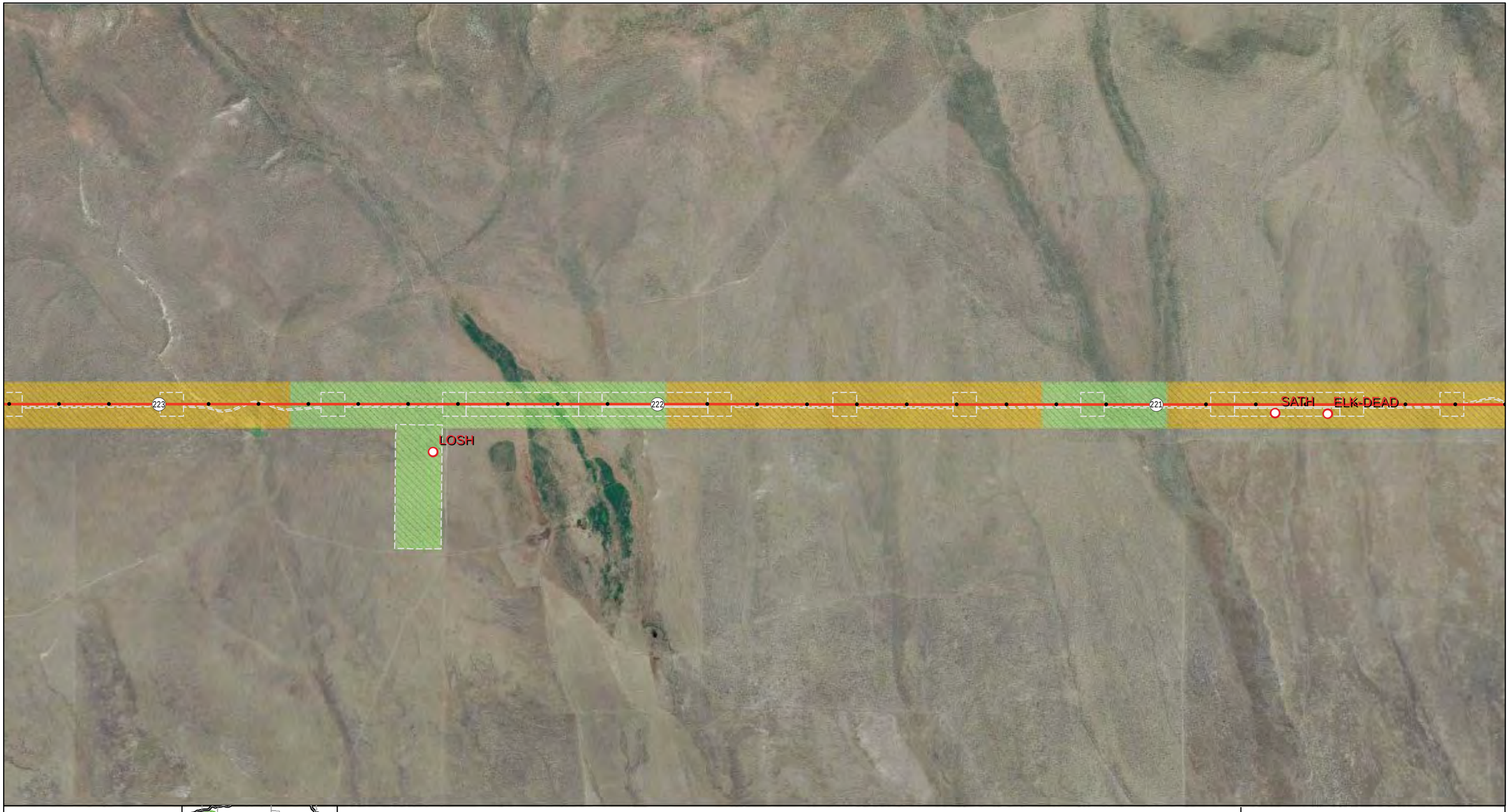

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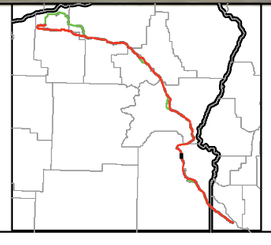

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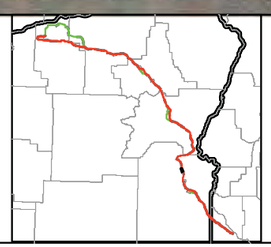

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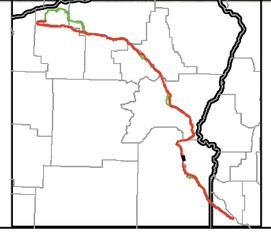

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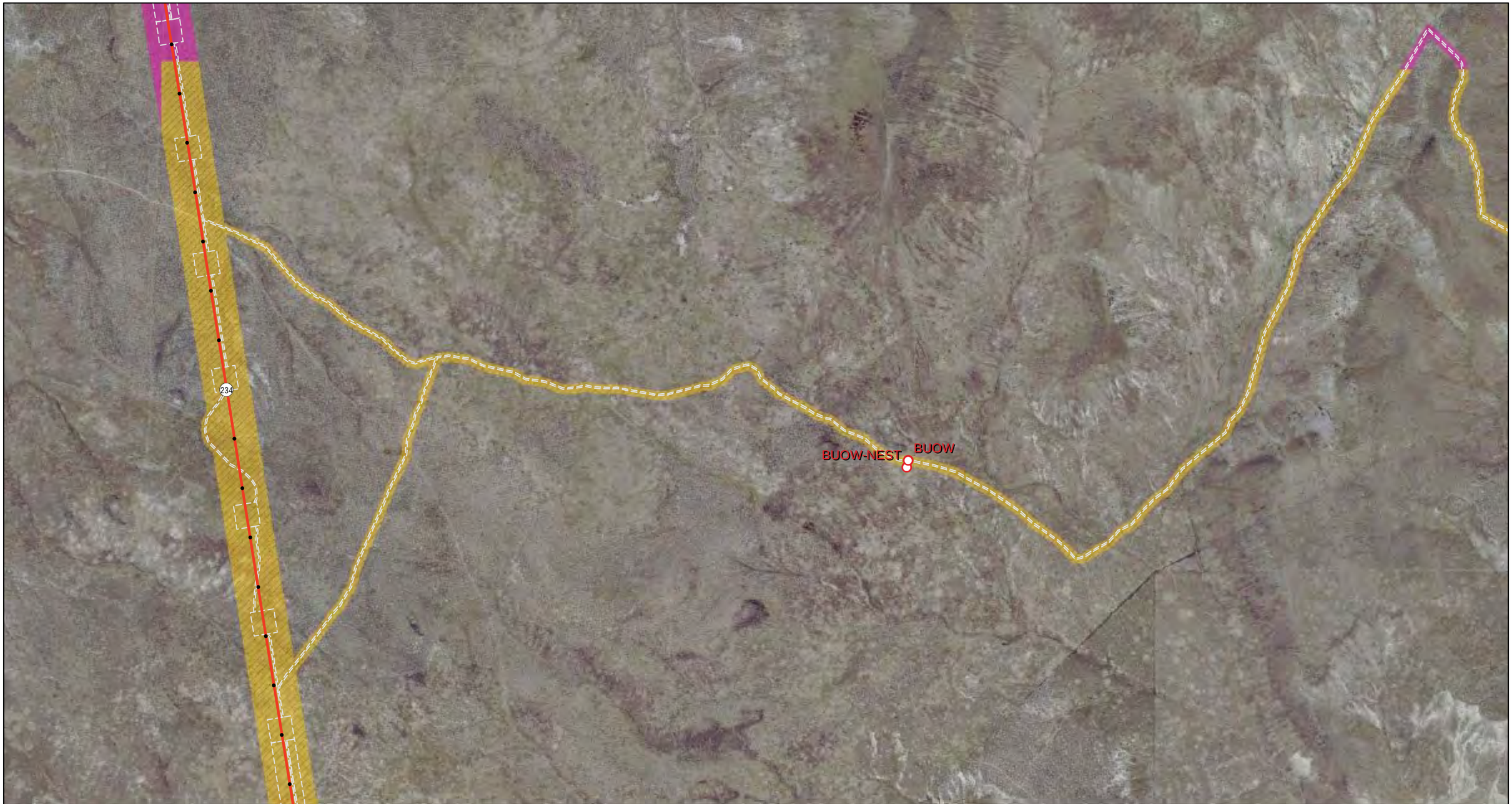

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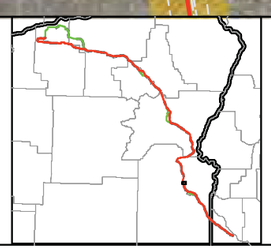

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NOFL

PRFA

PRFA

PRFA

PRFA

LBCU

LBCU

GRSP

PRFA

PRFA

AWPE

MOJAVE BLACK-COLLARED LIZARD

PRFA-NEST

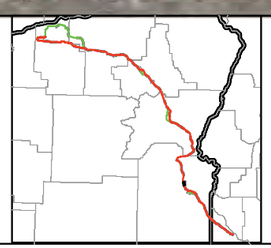
235

236

237

0 500 1,000

Feet



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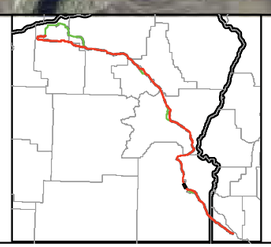

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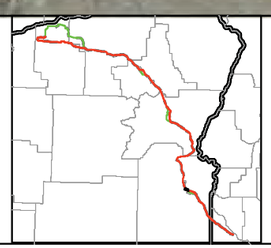

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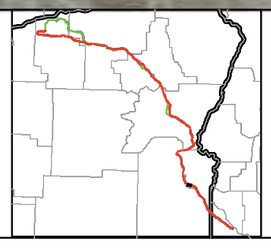

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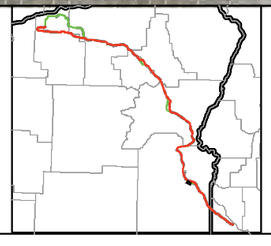

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Ferruginous hawk

PRFA

LBCU

LBCU

LBCU

4

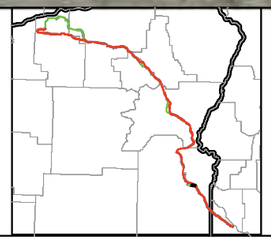
5

6

249

0 500 1,000

Feet



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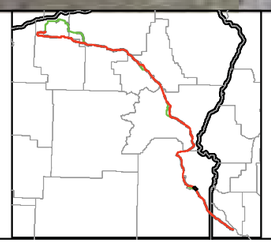
Feet



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0 500 1,000
Feet

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0 500 1,000
Feet

IDAHO POWER
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SAGS

PRFA-NEST

PRFA

PRFA

SAGEBRUSH LIZARD

257

258

259

Great Basin black-collared lizard

Night snake

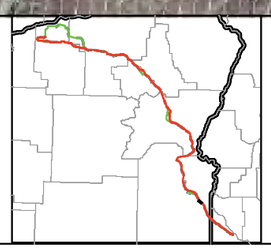
Night snake

Ground snake

0 500 1,000

Feet

IDAHO POWER



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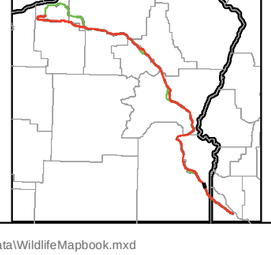

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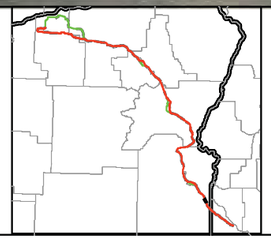

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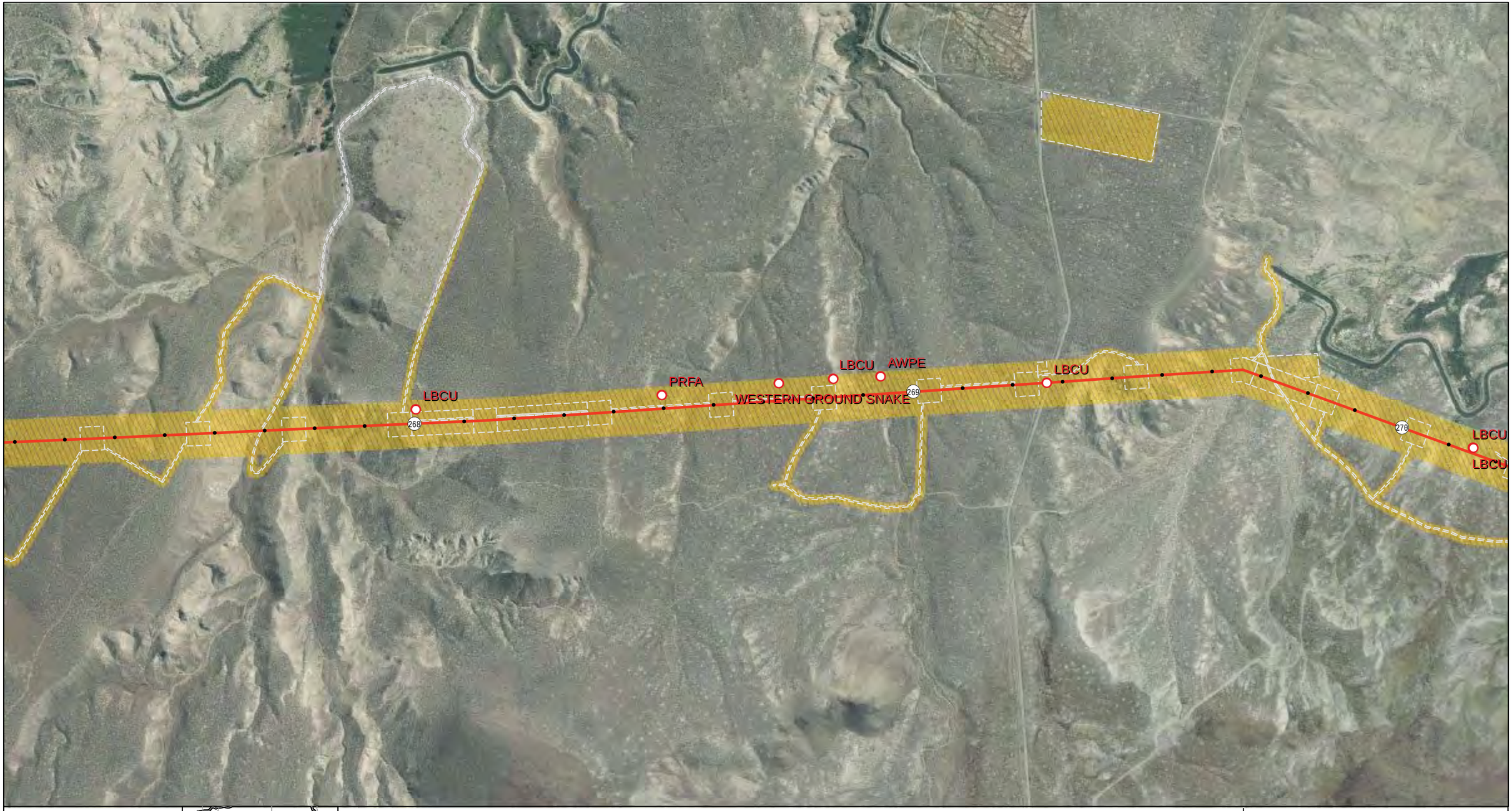

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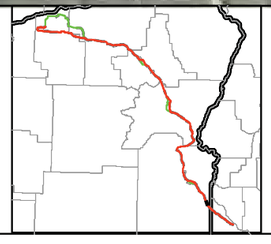

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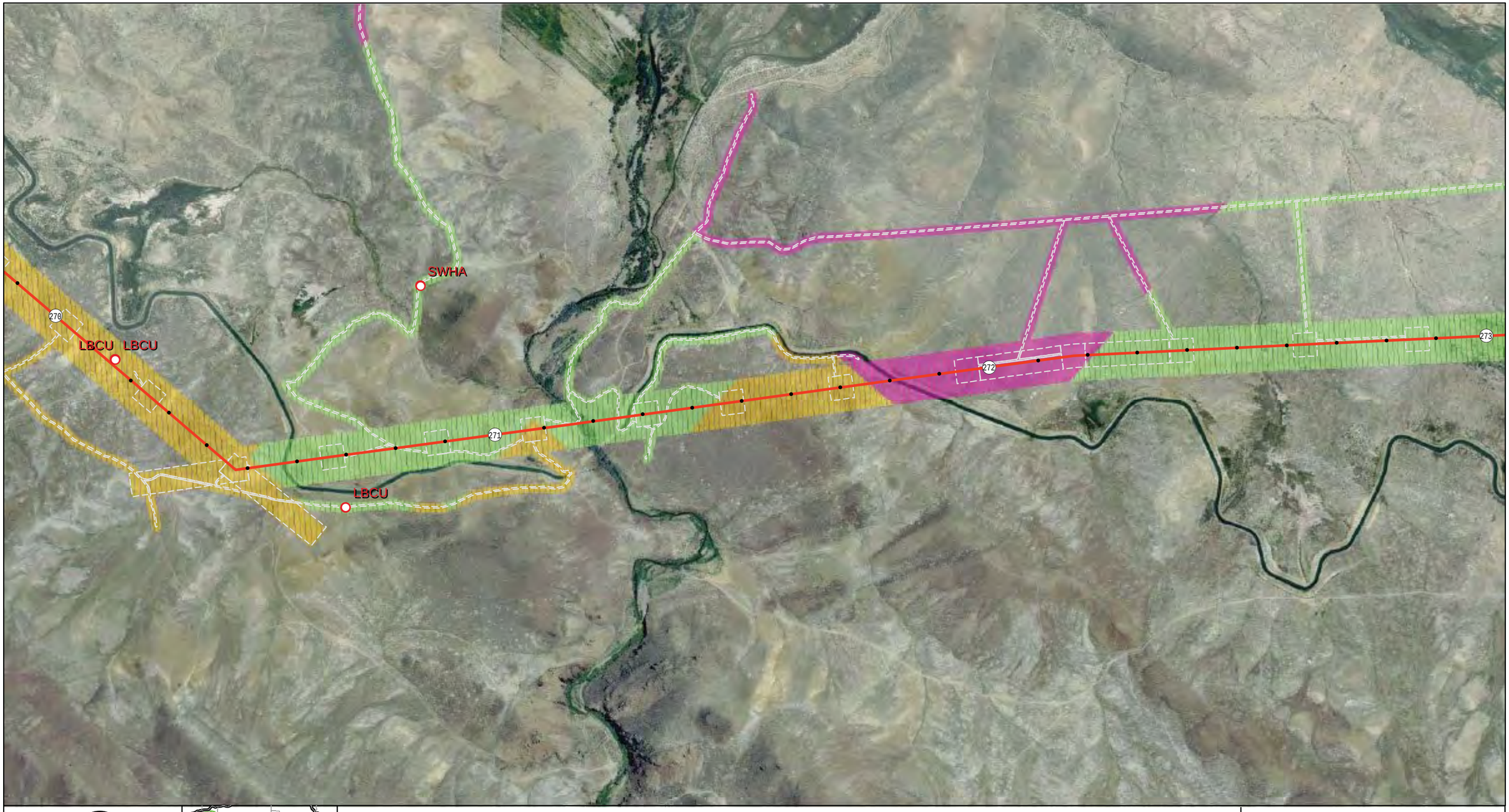

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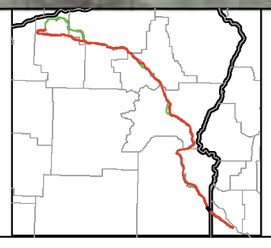
Feet



Survey Features

- Special Status Species
- Oregon Biodiversity Information Center Elemental Occurrence
- Idaho Animal Conservation Database
- Oregon Biodiversity Information Center Sage-grouse Lek

Route Features

- Route Milepost
- Proposed Route
- Alternative Route
- Disturbance Outline

Right of Entry Status

- Access Granted
- Access Denied
- Public
- No Landowner Response

Appendix B:
Special Status Wildlife Species

IDAHO POWER COMPANY
BOARDMAN TO HEMINGWAY
TRANSMISSION LINE PROJECT

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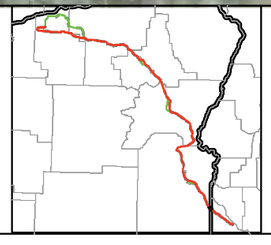

Survey Features

- Special Status Species
- Oregon Biodiversity Information Center Elemental Occurrence
- Idaho Animal Conservation Database
- Oregon Biodiversity Information Center Sage-grouse Lek

Route Features

- Route Milepost
- Proposed Route
- Alternative Route
- Disturbance Outline

Right of Entry Status

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- Access Denied
- Public
- No Landowner Response

Appendix B:
Special Status Wildlife Species

IDAHO POWER COMPANY
BOARDMAN TO HEMINGWAY
TRANSMISSION LINE PROJECT

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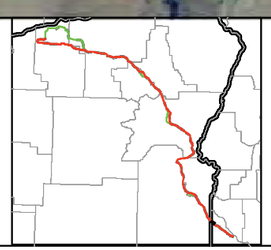
Feet



Survey Features

- Special Status Species
- Oregon Biodiversity Information Center Elemental Occurrence
- Idaho Animal Conservation Database
- Oregon Biodiversity Information Center Sage-grouse Lek

Route Features

- Route Milepost
- Proposed Route
- Alternative Route
- Disturbance Outline

Right of Entry Status

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- Access Denied
- Public
- No Landowner Response

Appendix B:
Special Status Wildlife Species

IDAHO POWER COMPANY
BOARDMAN TO HEMINGWAY
TRANSMISSION LINE PROJECT

Date Saved: 1/16/2012 3:44:54 PM
File: E:\Utilserv\B2H\Reports\20110831_Field_Data\WildlifeMapbook.mxd

Crotaphytus bicinctores
Crotaphytus bicinctores
Crotaphytus bicinctores
Crotaphytus bicinctores
Crotaphytus bicinctores
Amphispiza bilineata
Crotaphytus bicinctores
Athene cunicularia hypugaea
279
LBCU
SWHA
Numenius americanus
280
281
LBCU
PRFA
Numenius americanus
Lanius ludovicianus

0 500 1,000
Feet

Survey Features

- Special Status Species
- Oregon Biodiversity Information Center Elemental Occurrence
- Idaho Animal Conservation Database
- Oregon Biodiversity Information Center Sage-grouse Lek

Route Features

- 5 Route Milepost
- Proposed Route
- Alternative Route
- Disturbance Outline

Right of Entry Status

- Access Granted
- Access Denied
- Public
- No Landowner Response

Appendix B:
Special Status Wildlife Species

IDAHO POWER COMPANY
BOARDMAN TO HEMINGWAY
TRANSMISSION LINE PROJECT

Date Saved: 1/16/2012 3:44:54 PM
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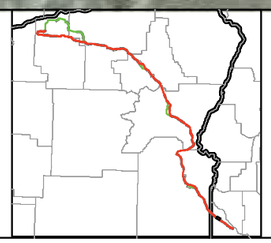
LBCU
PRPA
NOFL
Numenius americanus
LBCU
LBCU
LBCU
LBCU
282
283
284
Crotaphytus bicinctores

0 500 1,000
Feet



Survey Features

- Special Status Species
- Oregon Biodiversity Information Center Elemental Occurrence
- Idaho Animal Conservation Database
- Oregon Biodiversity Information Center Sage-grouse Lek

Route Features

- Route Milepost
- Proposed Route
- Alternative Route
- Disturbance Outline

Right of Entry Status

- Access Granted
- Access Denied
- Public
- No Landowner Response

Appendix B: Special Status Wildlife Species

IDAHO POWER COMPANY
BOARDMAN TO HEMINGWAY TRANSMISSION LINE PROJECT

Date Saved: 1/16/2012 3:44:54 PM
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Spermophilus canus

Spermophilus canus

Circus cyaneus

MOJAVE BLACK-COLLARED LIZARD

MOJAVE BLACK-COLLARED LIZARD

285

PRFA

286

GRSP

BUOW-NEST

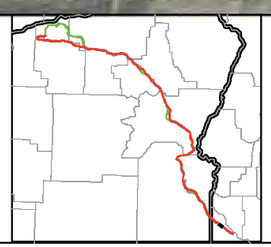
BUOW-NEST

287

Falco mexicanus

0 500 1,000

Feet



Survey Features

- Special Status Species
- Oregon Biodiversity Information Center Elemental Occurrence
- Idaho Animal Conservation Database
- Oregon Biodiversity Information Center Sage-grouse Lek

Route Features

- 5 Route Milepost
- Proposed Route
- Alternative Route
- Disturbance Outline

Right of Entry Status

- Access Granted
- Access Denied
- Public
- No Landowner Response

Appendix B:
Special Status Wildlife Species

IDAHO POWER COMPANY
BOARDMAN TO HEMINGWAY
TRANSMISSION LINE PROJECT

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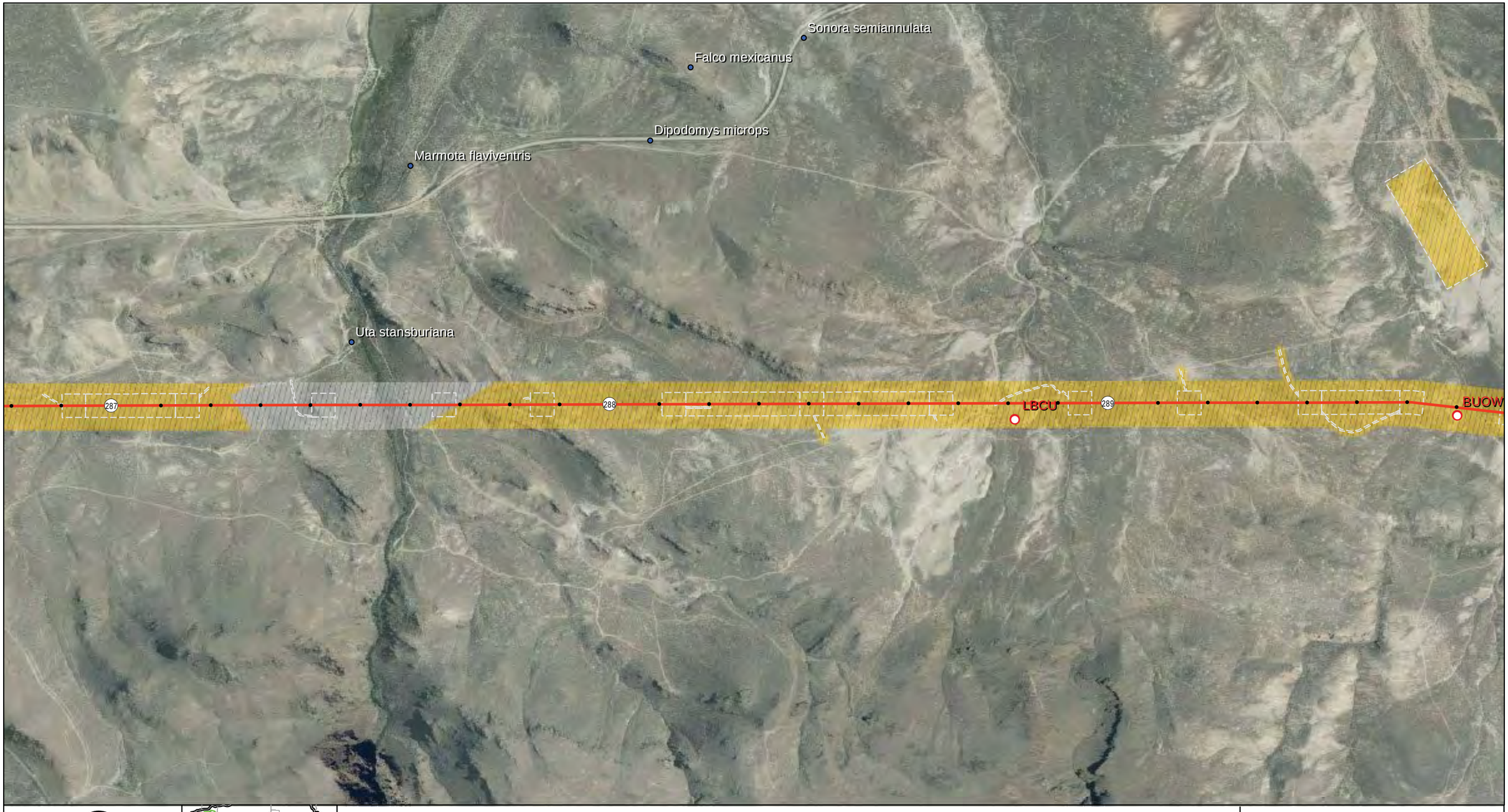

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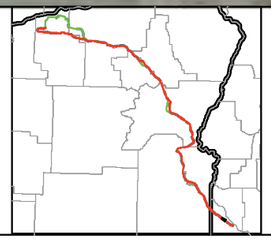
Feet



Survey Features

- Special Status Species
- Oregon Biodiversity Information Center Elemental Occurrence
- Idaho Animal Conservation Database
- Oregon Biodiversity Information Center Sage-grouse Lek

Route Features

- Route Milepost
- Proposed Route
- Alternative Route
- Disturbance Outline

Right of Entry Status

- Access Granted
- Access Denied
- Public
- No Landowner Response

Appendix B:
Special Status Wildlife Species

IDAHO POWER COMPANY
BOARDMAN TO HEMINGWAY
TRANSMISSION LINE PROJECT

Date Saved: 1/16/2012 3:44:54 PM
File: E:\Utilserv\B2H\Reports\20110831_Field_Data\WildlifeMapbook.mxd

0 500 1,000

Feet

IDAHO POWER

Survey Features

- Special Status Species
- Oregon Biodiversity Information Center Elemental Occurrence
- Idaho Animal Conservation Database
- Oregon Biodiversity Information Center Sage-grouse Lek

Route Features

- 5 Route Milepost
- Proposed Route
- Alternative Route
- Disturbance Outline

Right of Entry Status

- Access Granted
- Access Denied
- Public
- No Landowner Response

Appendix B:
Special Status Wildlife Species

IDAHO POWER COMPANY
BOARDMAN TO HEMINGWAY
TRANSMISSION LINE PROJECT

Date Saved: 1/16/2012 3:44:54 PM
File: E:\Utilserv\B2H\Reports\20110831_Field_Data\WildlifeMapbook.mxd

0 500 1,000
Feet

Survey Features

- Special Status Species
- Oregon Biodiversity Information Center Elemental Occurrence
- Idaho Animal Conservation Database
- Oregon Biodiversity Information Center Sage-grouse Lek

Route Features

- (5) Route Milepost
- Proposed Route
- Alternative Route
- Disturbance Outline

Right of Entry Status

- Access Granted
- Access Denied
- Public
- No Landowner Response

Appendix B:
Special Status Wildlife Species

IDAHO POWER COMPANY
BOARDMAN TO HEMINGWAY
TRANSMISSION LINE PROJECT

Date Saved: 1/16/2012 3:44:54 PM
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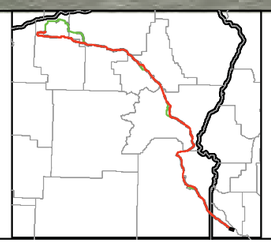
0 500 1,000

Feet



Survey Features

- Special Status Species
- Oregon Biodiversity Information Center Elemental Occurrence
- Idaho Animal Conservation Database
- Oregon Biodiversity Information Center Sage-grouse Lek

Route Features

- (5) Route Milepost
- Proposed Route
- Alternative Route
- Disturbance Outline

Right of Entry Status

- Access Granted
- Access Denied
- Public
- No Landowner Response

Appendix B:
Special Status Wildlife Species

IDAHO POWER COMPANY
BOARDMAN TO HEMINGWAY
TRANSMISSION LINE PROJECT

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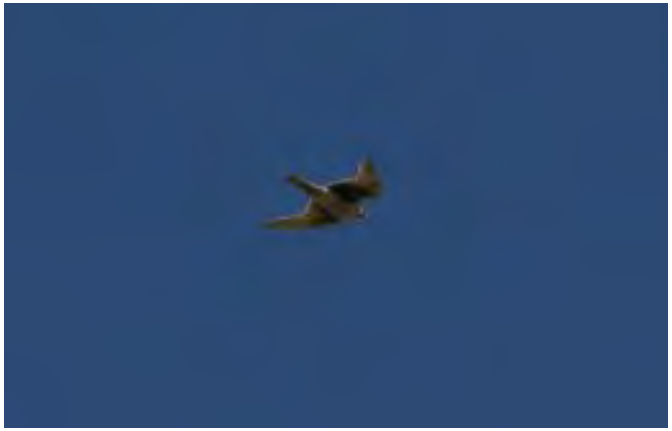
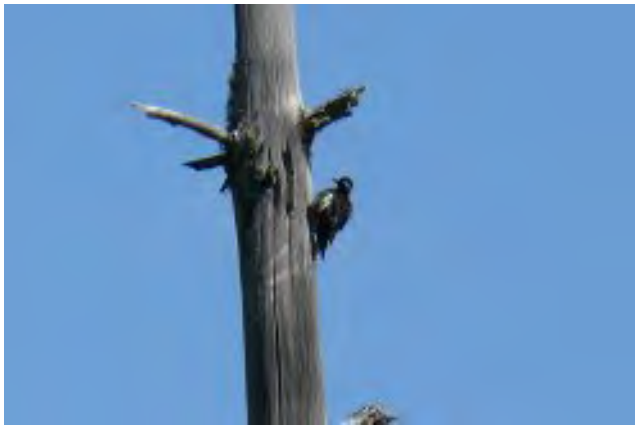
APPENDIX C
SPECIAL STATUS WILDLIFE SPECIES PHOTOS

		
Ferruginous hawk 4/6/11	Prairie falcon 5/10/11	Black-throated sparrow 5/11/11
Western sagebrush lizard 5/11/11	Mojave black-collared lizard 5/12/11	Loggerhead shrike 5/13/11

Western ground snake 5/25/11	Sage thrasher 5/26/11	Swainson’s hawk nest 5/26/11
Burrowing owl 6/3/11	Long-billed curlew 6/4/11	Elk calf 6/7/11

		
Olive-sided flycatcher 6/7/11	Western bluebird 6/22/11	Williamson’s sapsucker 7/15/11

APPENDIX D
BURROWING OWL SURVEY RESULTS

Date	Survey Pt. #	GPS Location		Burrow Location	Adults present	Comments	Weather
5/23/2011	1	43.2531179	-116.4744632	43.25314037 -116.47439284	Y	1 adult replied to territory call three times and flew a half circle around me, perching at various locations. Initially saw the bird about 150 ft. and 10° N of point.	60°, cloudy, 6 mph winds
5/23/2011	2	43.2538467	-116.4800222	43.25416353 -116.48123505	Y	Heard two birds reply back, owl #1 800-1000 ft. and 240° SW of point, owl #2 800-1000 ft. and 295° NW of point. No response when played callback near burrow.	60°, cloudy, 6 mph winds
5/23/2011	3	43.2526128	-116.4736698		N	No new response, only from Point #1.	60°, cloudy, 6 mph winds
5/23/2011	4	43.2706268	-116.5116065		N	Calling station located at a burrow. No response and no visual observations.	60°, cloudy, 6 mph winds
5/23/2011	5	43.2703412	-116.5109176		N	No response.	60°, cloudy, 6 mph winds
5/23/2011	6	43.2708689	-116.5123505	43.27119119 -116.51206941	Y	Calling station located at old burrow site that had pellets at the entrance. 1 adult replied to the alarm call 600 ft. and 30° N of point. Adult flew over me during 2nd playback.	60°, cloudy, 6 mph winds
7/19/2011	134A	43.4019312	-116.7624302		N	No response.	upper 80's, sunny, 6-8 mph winds
7/19/2011	134B	43.4027612	-116.7591601		N	No response.	upper 80's, sunny, 6-8 mph winds
7/19/2011	464A	43.5371769	-117.0093528		Y	1 adult flushed from grass when I drove up to park and then didn't see or hear again.	upper 80's, sunny, 6-8 mph winds
7/19/2011	464B	43.5388794	-117.0091657	43.5393554 -117.0113582	Y	Adult responded a few times to 2nd callback, bird located 250° west about 800 ft. away. I walked towards the callback and 1 adult flushed from a burrow (feathers, whitewash, pellets present)	upper 80's, sunny, 6-8 mph winds
7/19/2011	464C	43.5407315	-117.0125634		N	No response.	upper 80's, sunny, 6-8 mph winds
7/19/2011	455A	43.5459922	-117.0196816		N	No response. No BUOW sign at burrow and looks like burrow was dug up.	upper 80's, sunny, 6-8 mph winds
7/19/2011	455B	43.5463291	-117.0179704		N	No response.	upper 80's, sunny, 6-8 mph winds
7/19/2011	455C	43.5463983	-117.0221652		N	No response.	upper 80's, sunny, 6-8 mph winds
7/25/2011	1623A	43.8599512	-117.4117868	same as survey point 1623A	Y	No response. Primary burrow still looks active (feathers, whitewash, pellets, tracks, part of rodent body). After sitting in truck for another 10 minutes a BUOW popped head out of alternate burrow entrance.	85-90°, sunny, 4-7 mph winds
7/25/2011	1623B	43.8609894	-117.4075459		N	No response.	85-90°, sunny, 4-7 mph winds
7/25/2011	1623C	43.8581484	-117.4151154		N	No response.	85-90°, sunny, 4-7 mph winds

Date	Survey Pt. #	GPS Location		Burrow Location	Adults present	Comments	Weather
7/25/2011	1814A	43.9863734	-117.4569748		N	No response.	85-90°, sunny, 4-7 mph winds
7/25/2011	1814B	43.9878431	-117.4609746		N	No response.	85-90°, sunny, 4-7 mph winds
7/25/2011	1814C	43.9844915	-117.4518591		N	No response.	85-90°, sunny, 4-7 mph winds
7/25/2011	509A	44.2076124	-117.5299952		N	No response. Burrow didn't look active.	85-90°, sunny, 4-7 mph winds
7/25/2011	509B	44.2090922	-117.5299667		N	No response. Only other grassy area within survey buffer so didn't do 3rd pt.	85-90°, sunny, 4-7 mph winds
7/25/2011	263A	44.1261437	-117.5102459	same as survey point 263A	Y	Adult flushed and gave alarm call when I initially approached. No adults replied to callback recordings, although I saw both. 2 chicks came out of burrow when 1st territory call played. Burrow was in thick sagebrush with no grassland pockets around so I didn't do any more call stations in the area.	85-90°, sunny, 4-7 mph winds
---	2253	45.5295567	-119.1108656	---	---	During TVES on 6/8/11 2 BUOW were identified and burrow found along road, appeared active with pellets and egg fragments. Site not surveyed again during protocol level burrowing owl surveys because record had been entered incorrectly and did not come up during data searches.	---
---	340	45.6262433	-119.1840701	---	---	During TVES on 6/5/11 2 BUOW were identified near the primary burrow with whitewash and pellets, 2 secondary burrows with whitewash in same area. Site not surveyed again during protocol level burrowing owl surveys because it was located on the North Bombing Range Alternate route. No further surveys were warranted on this alternate due to its low probability.	---
---	323	45.659633	-119.215620	---	---	During TVES on 6/5/11 there was an incidental sighting of 1 BUOW almost 1,000 feet outside of the North Bombing Range Alternate ROW. No active burrows were located.	
---	100	43.861389	-117.36104	---	---	During TVES on 5/11/11 there was an incidental sighting of 2 BUOW approximately 475 feet outside of the Owyhee River Alt. ROW. No active burrows were located.	
---	142	43.872968	-117.392647	---	---	During TVES on 5/11/11 there was an incidental sighting of 2 BUOW approximately 315 feet outside of the Owyhee River Alt. ROW. No active burrows were located.	

APPENDIX E
WILDLIFE DATA

APPENDIX E
PART 1

ID	DIST	QUANT	SPECIES	HABITAT	AGE	GENDE	PHOTO	DATE	OBSTYPE	LAT	LONG	COMMENTS
209	0	5	AWPE	SHRUB				5/25/2011	V	43.615255	-117.090717	
409	200	1	AWPE	RIPARIAN				5/15/2011	V	43.959187	-117.477159	
604	200	1	AWPE	RIPARIAN				6/7/2011	AV	44.373002	-117.309199	
704	200	1	AWPE	RIPARIAN				6/8/2011	V	44.473153	-117.342632	
76	300	2	AWPE	SHRUB				6/7/2011	VA	44.401510	-117.335264	
149	1000	20	AWPE	SHRUB				5/11/2011	V	43.384787	-116.725555	
345	0	1	BCCH	FOREST				6/24/2011	A	45.501473	-118.521208	
417	0	2	BCCH	FOREST				6/25/2011	AV	45.484058	-118.484105	
437	0	2	BCCH	FOREST				6/25/2011	AV	45.476886	-118.453466	
457	0	1	BCCH	FOREST				6/25/2011	A	45.460082	-118.435220	
475	0	2	BCCH	FOREST				6/25/2011	AV	45.487999	-118.496902	
105	0	2	BCCH	FOREST				7/15/2011	AV	45.206027	-118.056373	
280	10	5	BCCH	RIPARIAN				7/16/2011	AV	45.188715	-118.000068	
475	30	2	BCCH	FOREST				6/25/2011	A	45.467096	-118.441227	
25	40	1	BCCH	FOREST				7/14/2011	A	45.208358	-118.054775	
423	50	3	BCCH	FOREST				6/25/2011	A	45.481011	-118.464215	
473	50	1	BCCH	FOREST				6/25/2011	A	45.488083	-118.498103	
601	50	2	BCCH	FOREST				6/26/2011	V	45.423641	-118.371698	
706	50	1	BCCH	FOREST				6/27/2011	A	45.456814	-118.431777	
347	70	1	BCCH	FOREST				6/24/2011	A	45.498906	-118.525993	
453	100	1	BCCH	FOREST				6/25/2011	A	45.464071	-118.435982	
506	100	2	BCCH	FOREST				6/25/2011	A	45.481021	-118.466589	
509	100	2	BCCH	FOREST				6/26/2011	A	45.430877	-118.380371	
796	100	1	BCCH	FOREST				6/27/2011	A	45.365378	-118.295436	
406	200	3	BCCH	FOREST				6/25/2011	A	45.482668	-118.474587	
581	200	1	BCCH	FOREST				6/26/2011	A	45.417846	-118.367142	
157	250	1	BCCH	FOREST				6/22/2011	A	45.487566	-118.551304	
279	250	1	BCCH	RIPARIAN				6/23/2011	A	45.486620	-118.642820	
597	250	3	BCCH	FOREST				6/26/2011	A	45.423050	-118.372257	
785	50	1	BCCH-NEST	FOREST				6/27/2011	V	45.376186	-118.317101	NEST FOUND
109	0	1	BTSP	SHRUB				5/11/2011	AV	43.371560	-116.702854	
110	0	1	BTSP	SHRUB				5/11/2011	AV	43.371966	-116.703615	
150	50	1	BTSP	SHRUB				5/11/2011	V	43.384524	-116.726382	
303	50	1	BTSP	SAGE				6/5/2011	AV	45.635597	-119.190354	
116	100	1	BTSP	SHRUB				5/11/2011	AV	43.374147	-116.705071	
284	0	1	BUOW	SHRUB STEPPE				5/12/2011	V	43.425340	-116.795274	APPEARED ALONE OUT OF HABITAT
262	0	1	BUOW	SHRUB				6/3/2011	V	44.125419	-117.510328	
2253	0	2	BUOW	GRASS				6/8/2011	V	45.529557	-119.110866	DEN FOUND ALONG ROAD. ACTIVE WITH PELLETS AND EGG FRAGMENTS
1814	60	2	BUOW	GRASS				6/5/2011	V	43.986373	-117.456975	
339	200	0	BUOW	GRASS				6/5/2011	V	45.626057	-119.183977	BURROWING OWL - SECONDARY HOLE AND WHITEWASH
341	200	0	BUOW	GRASS				6/5/2011	V	45.626295	-119.184134	BURROWING OWL SECONDARY HOLE AND WHITEWASH
342	200	2	BUOW	GRASS				6/5/2011	AV	45.626333	-119.183736	VERY NEAR BURROWS
509	200	1	BUOW	SHRUB /GRASS				6/6/2011	V	44.207612	-117.529995	
455	300	1	BUOW	GRASS				5/13/2011	V	43.545992	-117.019682	NEST FOUND!!
100	400	2	BUOW	GRASS				5/11/2011	V	43.861389	-117.361040	NESTING PAIR NEST NOT LOCATED
142	500	2	BUOW	GRASS				5/11/2011	V	43.872968	-117.392647	
322	1000	1	BUOW	GRASS				6/5/2011	V	45.659633	-119.215620	
323	1000	0	BUOW	GRASS				6/5/2011	V	45.659914	-119.215509	BURROWING OWL PELLET AND WHITEWASH
344	0	1	BUOW-NEST	GRASS				5/13/2011	V	43.451746	-116.854528	ONLY 1 ADULT PRESENT

ID	DIST	QUANT	SPECIES	HABITAT	AGE	GENDE	PHOTO	DATE	OBSTYPE	LAT	LONG	COMMENTS
1815	0	0	BUOW-NEST					6/5/2011	V	43.986180	-117.457037	BUOW BURROW. 2 OWLS OBSERVED
1623	10	0	BUOW-NEST	GRASS				6/4/2011	V	43.859951	-117.411787	DEN LOCATION
464	25	1	BUOW-NEST	GRASS				5/13/2011	VA	43.537177	-117.009353	FOUND BURROW!!
263	50	0	BUOW-NEST	SHRUB				6/3/2011	BURROW	44.126144	-117.510246	
350	100	0	BUOW-NEST	GRASS				5/13/2011	BURROW	43.452423	-116.856531	APPEARS TO BE USED LAST YEAR
134	150	1	BUOW-NEST	SHRUB				5/11/2011	V	43.401931	-116.762430	FLUSHED BIRD THEN FOUND NEST
340	200	0	BUOW-NEST	GRASS				6/5/2011	V	45.626243	-119.184070	BURROWING OWL - PRIMARY HOLE, WHITEWASH, PELLETS
144	300	0	BUOW-NEST					5/13/2011	V	43.545968	-117.019668	POSSIBLE BUOW BURROW
164	0	2	CAHU	FOREST				7/15/2011	AV	45.193319	-118.037857	CALLIOPE HUMMINGBIRD
241	0	1	CAHU	SHRUB				7/16/2011	V	45.190256	-118.026056	
780	100	1	COMMON GARTER SNAKE	ROCKS				6/8/2011	V	44.506794	-117.367638	
372	0	1	CONI	SHRUB				6/6/2011	V	44.247514	-117.591125	
5055	0	1	CONI	SHRUB				6/21/2011	V	43.652106	-117.106478	
112	0	2	CONI	GRASS				6/22/2011	AV	45.485600	-118.705637	
149	0	1	CONI	FOREST				6/22/2011	A	45.486986	-118.552634	
5135	0	1	CONI	SHRUB STEPPE				6/22/2011	VA	44.063994	-117.469353	
338	0	1	CONI	GRASS				6/24/2011	A	45.488400	-118.710201	
446	0	1	CONI	FOREST				6/25/2011	V	45.490427	-118.511589	
5461	0	1	CONI	SHRUB				6/25/2011	VA	44.308458	-117.398318	
5786	0	1	CONI	SHRUB STEPPE				6/27/2011	V	44.585495	-117.400553	
845	0	1	CONI	FOREST				6/28/2011	AV	45.314146	-118.199289	
366	0	1	CONI	SHRUB				7/24/2011	V	44.930513	-117.792909	
628	0	1	CONI	SHRUB				7/27/2011	V	44.638380	-117.516461	
631	0	1	CONI	SHRUB				7/27/2011	V	44.626357	-117.490530	
645	0	1	CONI	SHRUB				7/27/2011	V	44.632481	-117.504423	
648	0	1	CONI	SHRUB				7/27/2011	V	44.634914	-117.508597	
119	50	1	CONI	GRASS				6/2/2011	V	43.779659	-117.231088	
544	50	2	CONI	SHRUB				6/6/2011	V	44.237885	-117.571793	
635	50	3	CONI	SHRUB				7/27/2011	V	44.627632	-117.493677	
5222	100	1	CONI	SHRUB				6/23/2011	A	44.238044	-117.560762	
5751	100	1	CONI	SHRUB STEPPE				6/27/2011	A	44.575875	-117.389364	
636	100	3	CONI	SHRUB				7/27/2011	VA	44.628729	-117.496132	
642	100	1	CONI	SHRUB				7/27/2011	V	44.631668	-117.501977	
5115	250	2	CONI	SHRUB STEPPE				6/22/2011	A	44.071187	-117.472563	
58	250	1	CONI	FOREST				7/20/2011	A	45.325987	-118.243559	
578	250	1	CONI	SHRUB				7/26/2011	A	44.674341	-117.582690	
138	300	2	CONI	GRASS				6/22/2011	AV	45.490184	-118.734535	
5781	300	1	CONI	SHRUB STEPPE				6/27/2011	A	44.578651	-117.392147	
5128	500	1	CONI	SHRUB STEPPE				6/22/2011	A	44.067135	-117.468640	
5132	500	1	CONI	SHRUB STEPPE				6/22/2011	A	44.065353	-117.469478	
141	500	2	CONI	GRASS				6/23/2011	AV	45.491626	-118.741206	
5243	500	2	CONI	SHRUB				6/23/2011	A	44.237910	-117.576854	
1740	750	1	CONI	GRASS				6/5/2011	A	43.899506	-117.405419	
5125	750	1	CONI	SHRUB STEPPE				6/22/2011	A	44.068464	-117.469760	
809	750	1	CONI	FOREST				6/28/2011	A	45.323286	-118.238743	
16	750	2	CONI	GRASS				7/14/2011	A	45.207926	-118.051816	
605	0	1	DOWO	FOREST		F		6/26/2011	V	45.424160	-118.373123	
350	80	1	DOWO	FOREST				6/24/2011	AV	45.495676	-118.526624	
656	200	1	DOWO	FOREST				6/26/2011	A	45.430668	-118.404494	
24	0	2	ELK	RIPARIAN				4/5/2011	V	45.675585	-119.832194	POINT TAKEN ON GAME TRAIL SCAT TRACKS SMELL (45.675194/-119.831447)

ID	DIST	QUANT	SPECIES	HABITAT	AGE	GENDE	PHOTO	DATE	OBSTYPE	LAT	LONG	COMMENTS
624	0	1	ELK	GRASS		F		6/7/2011	V	44.381547	-117.317284	
349	0	17	ELK	FOREST	12 ADULT 5 JUV			6/24/2011	v	45.495507	-118.526325	
260	0	10	ELK	FOREST				7/16/2011	V	45.172176	-118.014470	
119	150	1	ELK	GRASS	JUV			6/22/2011	V	45.485928	-118.575498	
540	150	1	ELK	FOREST		M		6/26/2011	V	45.460018	-118.432756	
787	250	1	ELK	SHRUB				6/8/2011	V	44.517541	-117.365128	
122	250	2	ELK	GRASS				6/22/2011	V	45.485646	-118.571312	
374	500	1	ELK	SHRUB				6/7/2011	V	44.400611	-117.335008	
782	500	2	ELK	SHRUB				6/8/2011	V	44.508654	-117.368709	
130	500	2	ELK	RIPARIAN				6/22/2011	V	45.485340	-118.564737	COW AND CALF
120	750	6	ELK	GRASS				6/22/2011	V	45.485984	-118.575514	
817	750	10	ELK	FOREST	3JUV	7F		6/27/2011	V	45.356523	-118.274485	
127	2000	80	ELK	GRASS				6/22/2011	V	45.485301	-118.569321	COWS AND CALVES
74	0	1	ELK CALF	SHRUB				6/7/2011	V	44.401508	-117.335259	
27	50	1	ELK-DEAD	GRASS	JUV			6/21/2011	V	45.493468	-118.775608	
416	200	1	ELK-DEAD	SHRUB	YEARLING	F		6/5/2011	SKELETON	44.171638	-117.509908	
115	0	2	FEHA	GRASS				5/11/2011	V	43.862452	-117.372356	
119	0	1	FEHA	SHRUB				5/11/2011	V	43.387942	-116.727524	
5343	100	1	FEHA	SHRUB				6/24/2011	V	44.327076	-117.357142	
115	750	1	FEHA	GRASS				5/11/2011	V	43.862451	-117.372359	
485	0	3	GRSG	SHRUB				6/5/2011	V	44.319230	-117.369274	
806	500	3	GRSG	GRASS				7/29/2011	A	44.328401	-117.350245	
132	0	1	GRSP	GRASS				5/13/2011	A	43.543201	-117.015097	
137	0	1	GRSP	GRASS				5/13/2011	A	43.543803	-117.015797	
13	0	1	GRSP	AG/GRASS				5/23/2011		43.526639	-116.984077	
140	0	3	GRSP	GRASS				5/24/2011	A	43.545199	-117.018675	
1364	0	1	GRSP	GRASS				6/3/2011	VA	43.835418	-117.264723	
320	0	1	GRSP	GRASS				6/5/2011	AV	45.667922	-119.214779	
324	0	1	GRSP	SHORT SHRUB				6/5/2011	A	45.590386	-119.183591	
330	0	1	GRSP	SHORT SHRUB				6/5/2011	AV	45.602611	-119.184103	
527	0	1	GRSP	GRASS				6/7/2011	AV	45.530700	-118.927324	
638	0	2	GRSP	GRASS				6/7/2011	V	44.387576	-117.324515	
2106	0	2	GRSP	GRASS				6/8/2011	A	45.676495	-119.214445	
2116	0	1	GRSP	GRASS				6/8/2011	A	45.674782	-119.212160	
2230	0	3	GRSP	SHRUB				6/8/2011	A	45.654519	-119.203710	
329	0	1	GRSP	GRASS				6/24/2011	A	45.491952	-118.723993	
908	0	2	GRSP	GRASS				6/29/2011	A	45.315158	-118.219187	
201	10	1	GRSP	GRASS				6/23/2011	A	45.481415	-118.683752	
213	10	1	GRSP	GRASS				6/23/2011	A	45.476074	-118.668373	
533	10	1	GRSP	GRASS				7/18/2011	AV	45.097324	-117.905969	
100	20	2	GRSP	GRASS				6/22/2011	A	45.482826	-118.691827	
115	20	2	GRSP	GRASS				6/22/2011	A	45.485436	-118.707201	
235	20	1	GRSP	GRASS				6/23/2011	AV	45.468210	-118.639300	
1314	25	1	GRSP	GRASS				6/3/2011	A	43.780305	-117.215103	
106	30	2	GRSP	GRASS				6/25/2011	AV	45.482988	-118.695352	
243	40	1	GRSP	GRASS				6/23/2011	A	45.484077	-118.630027	
111	50	1	GRSP	GRASS				6/2/2011	A	43.790531	-117.238729	
1305	50	1	GRSP	GRASS				6/3/2011	A	43.780290	-117.209592	
1309	50	1	GRSP	GRASS				6/3/2011	A	43.780284	-117.212814	
326	50	3	GRSP	SHORT SHRUB				6/5/2011	AV	45.594785	-119.182928	
338	50	2	GRSP	GRASS				6/5/2011	AV	45.623554	-119.184253	
344	50	1	GRSP	GRASS				6/5/2011	A	45.628595	-119.184948	

ID	DIST	QUANT	SPECIES	HABITAT	AGE	GENDE	PHOTO	DATE	OBSTYPE	LAT	LONG	COMMENTS
1731	50	1	GRSP	GRASS				6/5/2011	A	43.901536	-117.408302	
1751	50	1	GRSP	GRASS				6/5/2011	A	43.894073	-117.400465	
503	50	2	GRSP	GRASS				6/7/2011	AV	45.536038	-118.972656	
526	50	2	GRSP	GRASS				6/7/2011	AV	45.530899	-118.933290	
611	50	1	GRSP	SHRUB GRASS				6/7/2011	A	44.375270	-117.310852	
614	50	3	GRSP	SHRUB GRASS				6/7/2011	A	44.377805	-117.314138	
2143	50	1	GRSP	AG				6/8/2011	A	45.578095	-119.185019	
2223	50	3	GRSP	SHRUB				6/8/2011	A	45.659762	-119.204946	
2225	50	2	GRSP	SHRUB				6/8/2011	A	45.657396	-119.203939	
2260	50	1	GRSP	GRASS				6/8/2011	A	45.533934	-119.122315	
2263	50	1	GRSP	GRASS				6/8/2011	A	45.533934	-119.122315	
814	50	1	GRSP	GRASS				6/9/2011	A	43.815469	-117.253613	
826	50	1	GRSP	GRASS				6/9/2011	A	43.840482	-117.270481	
834	50	1	GRSP	GRASS				6/9/2011	A	43.846281	-117.274264	
837	50	1	GRSP	GRASS				6/9/2011	A	43.848622	-117.274914	
5	50	1	GRSP	GRASS				6/21/2011	A	45.493540	-118.753809	
5007	50	1	GRSP	GRASS				6/21/2011	A	43.673780	-117.129029	
5019	50	2	GRSP	GRASS				6/21/2011	A	43.677080	-117.130857	
207	50	1	GRSP	GRASS				6/23/2011	A	45.479202	-118.676535	
301	50	1	GRSP	GRASS				6/24/2011	A	45.486922	-118.572677	
5960	50	1	GRSP	SHRUB				6/28/2011	A	44.654470	-117.543679	
910	50	1	GRSP	GRASS				6/29/2011	A	45.307275	-118.216786	
914	50	1	GRSP	GRASS				6/29/2011	A	45.306507	-118.216129	
214	50	1	GRSP	GRASS				7/22/2011	A	45.142421	-117.977622	
222	50	3	GRSP	GRASS				7/22/2011	A	45.139845	-117.973765	
347	50	1	GRSP	SHRUB				7/22/2011	A	45.084699	-117.882551	
816	50	1	GRSP	GRASS				7/29/2011	A	44.340040	-117.332549	
817	50	3	GRSP	GRASS				7/29/2011	A	44.340451	-117.331031	
119	60	1	GRSP	GRASS				6/22/2011	A	45.484065	-118.716376	
536	75	1	GRSP	GRASS				7/18/2011	A	45.096974	-117.903452	
420	100	2	GRSP	GRASS				5/15/2011	AV	43.967874	-117.479769	
114	100	1	GRSP	GRASS				6/2/2011	A	43.786786	-117.235798	
1350	100	1	GRSP	GRASS				6/3/2011	A	43.835475	-117.263429	
310	100	4	GRSP	RABBITBUSH				6/5/2011	AV	45.644822	-119.197835	
321	100	1	GRSP	GRASS				6/5/2011	AV	45.670826	-119.214336	
331	100	2	GRSP	SHORT SHRUB				6/5/2011	A	45.604056	-119.183798	
336	100	2	GRSP	GRASS				6/5/2011	AV	45.619273	-119.184220	
1731	100	1	GRSP	GRASS				6/5/2011	A	43.900997	-117.410037	
1734	100	1	GRSP	GRASS				6/5/2011	A	43.901597	-117.406599	
402	100	3	GRSP	GRASS				6/6/2011	A	45.587529	-119.183759	
403	100	2	GRSP	GRASS				6/6/2011	A	45.585749	-119.183444	
412	100	1	GRSP	GRASS				6/6/2011	AV	45.565261	-119.165914	
2220	100	2	GRSP	GRASS				6/8/2011	A	45.660591	-119.205509	
822	100	2	GRSP	GRASS				6/9/2011	A	43.823634	-117.259369	
824	100	2	GRSP	GRASS				6/9/2011	AV	43.826078	-117.260005	
202	100	1	GRSP	GRASS				6/23/2011	A	45.480394	-118.682207	
306	100	1	GRSP	GRASS				6/24/2011	A	45.486524	-118.568163	
327	100	1	GRSP	GRASS				6/24/2011	A	45.492331	-118.726505	
339	100	2	GRSP	GRASS				6/24/2011	A	45.487397	-118.704954	
5069	100	1	GRSP	SHRUB				6/28/2011	A	44.653343	-117.539253	
903	100	1	GRSP	GRASS				6/29/2011	A	45.306022	-118.213222	
913	100	1	GRSP	GRASS				6/29/2011	A	45.306532	-118.216144	

ID	DIST	QUANT	SPECIES	HABITAT	AGE	GENDE	PHOTO	DATE	OBSTYPE	LAT	LONG	COMMENTS
216	100	2	GRSP	GRASS				7/22/2011	VA	45.141464	-117.976797	
245	100	1	GRSP	GRASS				7/22/2011	A	45.122611	-117.946500	
246	100	2	GRSP	GRASS				7/22/2011	VA	45.121736	-117.944613	
600	100	1	GRSP	GRASS				7/27/2011	A	44.667424	-117.575021	
12	150	1	GRSP	GRASS				6/1/2011	A	43.678459	-117.127674	
107	150	1	GRSP	GRASS				6/2/2011	A	43.795653	-117.242280	
118	150	1	GRSP	GRASS				6/2/2011	A	43.780257	-117.231361	
121	150	2	GRSP	GRASS				6/2/2011	A	43.776679	-117.228897	
302	150	2	GRSP	SAGE				6/5/2011	AV	45.634198	-119.189282	
317	150	4	GRSP	GRASS				6/5/2011	A	45.661273	-119.210006	
329	150	3	GRSP	SHORT SHRUB				6/5/2011	A	45.601482	-119.184114	
481	150	4	GRSP	SHRUB				6/5/2011	AV	44.319025	-117.369275	
401	150	1	GRSP	SHORT SHRUB				6/6/2011	A	45.589403	-119.183871	
404	150	1	GRSP	GRASS				6/6/2011	AV	45.584274	-119.183623	
409	150	1	GRSP	SHORT SHRUB				6/6/2011	AV	45.569839	-119.175308	
414	150	2	GRSP	SHORT SHRUB				6/6/2011	AV	45.564025	-119.162680	
502	150	1	GRSP	GRASS				6/7/2011	AV	45.536598	-118.972887	
517	150	3	GRSP	GRASS				6/7/2011	AV	45.531232	-118.951110	
529	150	1	GRSP	GRASS				6/7/2011	A	45.530739	-118.921393	
570	150	2	GRSP	GRASS				6/7/2011	A	44.399061	-117.334460	
651	150	2	GRSP	GRASS				6/7/2011	A	44.394062	-117.331490	
610	150	1	GRSP	GRASS				6/8/2011	AV	45.523011	-118.868375	
802	150	1	GRSP	GRASS				6/9/2011	A	43.802119	-117.246387	
826	150	1	GRSP	GRASS				6/9/2011	V	43.830308	-117.262694	
12	150	1	GRSP	GRASS				6/21/2011	A	45.493890	-118.760112	
15	150	2	GRSP	GRASS				6/21/2011	A	45.493470	-118.768368	
121	150	1	GRSP	GRASS				6/22/2011	A	45.486055	-118.575514	
200	150	2	GRSP	GRASS				6/23/2011	A	45.483850	-118.695761	
210	150	1	GRSP	GRASS				6/23/2011	A	45.477541	-118.669089	
213	150	2	GRSP	GRASS				6/23/2011	A	45.482976	-118.688833	
307	150	2	GRSP	GRASS				6/24/2011	A	45.492705	-118.744182	
904	150	1	GRSP	GRASS				6/29/2011	A	45.314473	-118.223068	
356	200	2	GRSP	GRASS				5/13/2011	A	43.453098	-116.858581	
42	200	2	GRSP	GRASS				6/1/2011	A	43.701024	-117.137479	
62	200	1	GRSP	GRASS				6/1/2011	A	43.716446	-117.144725	
112	200	1	GRSP	GRASS				6/2/2011	A	43.789913	-117.238342	
251	200	1	GRSP	GRASS				6/4/2011	A	45.674792	-119.225348	
304	200	1	GRSP	GRASS				6/5/2011	A	45.636865	-119.190847	
316	200	1	GRSP	GRASS				6/5/2011	A	45.659296	-119.208872	
327	200	1	GRSP	SHORT SHRUB				6/5/2011	A	45.598424	-119.183865	
332	200	4	GRSP	SHORT SHRUB				6/5/2011	A	45.608472	-119.183921	
335	200	1	GRSP	GRASS				6/5/2011	A	45.616423	-119.184177	
441	200	1	GRSP	GRASS				6/5/2011	A	44.192208	-117.513536	
1747	200	1	GRSP	GRASS				6/5/2011	A	43.895013	-117.401334	
406	200	1	GRSP	SHORT SHRUB				6/6/2011	AV	45.573524	-119.181900	
608	200	1	GRSP	GRASS				6/8/2011	A	45.523223	-118.872913	
809	200	1	GRSP	GRASS				6/9/2011	A	43.809931	-117.250324	
813	200	1	GRSP	GRASS				6/9/2011	A	43.813639	-117.252486	
121	200	1	GRSP	GRASS				6/23/2011	A	45.481792	-118.682800	
209	200	1	GRSP	GRASS				6/23/2011	A	45.483353	-118.690722	
821	200	1	GRSP	GRASS				6/28/2011	A	45.318098	-118.225245	
234	250	1	GRSP	CRP				4/7/2011	V	45.619102	-119.668871	

ID	DIST	QUANT	SPECIES	HABITAT	AGE	GENDE	PHOTO	DATE	OBSTYPE	LAT	LONG	COMMENTS
101	250	1	GRSP	SHRUB				5/11/2011	A	43.370486	-116.697053	
108	250	1	GRSP	GRASS				6/2/2011	A	43.792624	-117.240518	
116	250	1	GRSP	GRASS				6/2/2011	A	43.782325	-117.232878	
308	250	1	GRSP	RABBITBUSH				6/5/2011	A	45.642444	-119.196041	
313	250	2	GRSP	RABBITBUSH				6/5/2011	AV	45.651996	-119.202878	
318	250	2	GRSP	GRASS				6/5/2011	A	45.664507	-119.212968	
334	250	1	GRSP	GRASS				6/5/2011	A	45.612792	-119.183473	
488	250	2	GRSP	SHRUB				6/5/2011	A	44.320425	-117.365912	
535	250	1	GRSP	GRASS				6/7/2011	A	45.529376	-118.904017	
643	250	1	GRSP	SHRUB				6/7/2011	A	44.389543	-117.326553	
658	250	1	GRSP	GRASS				6/7/2011	A	44.396812	-117.334284	
810	250	2	GRSP	GRASS				6/9/2011	A	43.810986	-117.250692	
816	250	1	GRSP	GRASS				6/9/2011	A	43.815472	-117.253616	
120	250	1	GRSP	GRASS				6/23/2011	A	45.482506	-118.686329	
304	250	1	GRSP	GRASS				6/24/2011	AV	45.492677	-118.746385	
306	250	1	GRSP	GRASS				6/24/2011	A	45.492673	-118.746377	
919	250	1	GRSP	GRASS				6/29/2011	A	45.302465	-118.212686	
924	250	1	GRSP	GRASS				6/29/2011	A	45.300793	-118.210739	
230	250	4	GRSP	GRASS	JUV			7/22/2011	VA	45.135301	-117.97019	
249	250	1	GRSP	GRASS				7/22/2011	A	45.120568	-117.942241	
280	250	1	GRSP	SHRUB				7/22/2011	A	45.104520	-117.911464	
326	250	1	GRSP	GRASS				7/22/2011	A	45.095571	-117.898769	
123	300	1	GRSP	GRASS				6/2/2011	A	43.775771	-117.227270	
614	300	2	GRSP	GRASS				6/8/2011	AV	45.523246	-118.850861	
318	300	1	GRSP	GRASS				6/9/2011	A	43.821098	-117.257375	
344	300	1	GRSP	GRASS				6/24/2011	A	45.486835	-118.700325	
226	300	1	GRSP	GRASS				7/22/2011	A	45.138094	-117.973426	
228	300	2	GRSP	GRASS				7/22/2011	A	45.135922	-117.97093	
532	0	1	HAWO	FOREST				6/26/2011	V	45.421665	-118.367872	
44	0	3	HAWO	FOREST				7/15/2011	AV	45.214102	-118.055860	
781	10	1	HAWO	FOREST				6/27/2011	V	45.316951	-118.197970	
552	20	1	HAWO	FOREST				6/26/2011	A	45.417929	-118.358274	
158	40	3	HAWO	FOREST				7/15/2011	AV	45.192377	-118.041190	FAMILY GROUP
787	50	1	HAWO	FOREST				6/27/2011	AV	45.321881	-118.199253	DRUMMING
600	250	1	HAWO	FOREST				6/26/2011	A	45.423205	-118.372059	
814	400	1	HAWO	FOREST				6/28/2011	AV	45.322884	-118.236826	
50	0	1	LBCU	GRASS AG				4/5/2011	VA	45.669513	-119.912037	
114	0	1	LBCU	AG				4/6/2011	A	45.653188	-119.965828	
126	0	1	LBCU	AG				4/6/2011	V	45.625430	-119.819621	
140	0	2	LBCU	AG				4/6/2011	V	45.625139	-119.785620	
148	0	2	LBCU	AG				4/6/2011	VA	45.619706	-119.764853	
167	0	1	LBCU	PASTURE				4/6/2011	A	45.618149	-119.745362	
226	0	1	LBCU	AG				4/7/2011	V	45.618227	-119.688675	
315	0	1	LBCU	AG				4/8/2011	A	45.617722	-119.635806	
320	0	2	LBCU	AG				4/8/2011	V	45.617755	-119.628857	
344	0	1	LBCU	AG				4/8/2011	AV	45.614855	-119.430721	
351	0	1	LBCU	AG				4/8/2011	V	45.612312	-119.416620	
415	0	1	LBCU	AG				4/9/2011	V	45.578895	-119.333273	
422	0	2	LBCU	GRASS				4/9/2011	V	45.576853	-119.325631	
716	0	2	LBCU	AG				4/12/2011	AV	45.537482	-119.092256	
722	0	1	LBCU	CRP				4/12/2011	V	45.537209	-119.079345	
8	0	1	LBCU	GRASS				5/10/2011	V	43.849157	-117.286173	

ID	DIST	QUANT	SPECIES	HABITAT	AGE	GENDE	PHOTO	DATE	OBSTYPE	LAT	LONG	COMMENTS
23	0	1	LBCU	GRASS				5/10/2011	V	43.850589	-117.305788	
102	0	2	LBCU	GRASS				5/11/2011	VA	43.369315	-116.695388	
124	0	1	LBCU	GRASS				5/11/2011	V	43.866392	-117.383618	
149	0	2	LBCU	GRASS				5/11/2011	V	43.883593	-117.409943	
153	0	1	LBCU	GRASS				5/11/2011	V	43.885986	-117.416288	
411	0	2	LBCU	SHRUB STEPPE				5/14/2011	AV	43.484120	-116.899614	
436	0	2	LBCU	RIPARIAN				5/14/2011	VA	43.491289	-116.911719	
424	0	3	LBCU	GRASS				5/15/2011	AV	43.975679	-117.481271	
521	0	1	LBCU	SHRUB STEPPE				5/15/2011	V	43.598464	-117.084922	
275	0	2	LBCU	SHRUB				5/25/2011	V	43.650769	-117.112798	
12	0	3	LBCU	SCRUB				6/1/2011	AV	45.806634	-119.635748	
115	0	2	LBCU	AG				6/2/2011	AV	45.777163	-119.455649	
158	0	3	LBCU	GRASS				6/2/2011	AV	45.728522	-119.446506	
5	0	2	LBCU	PLOWED WHEAT				6/3/2011	AV	45.689359	-119.432658	
209	0	2	LBCU	GRASS				6/4/2011	AV	45.677414	-119.284349	
1627	0	1	LBCU	GRASS				6/4/2011	VA	43.859879	-117.411795	
310	0	2	LBCU	RABBITBUSH				6/5/2011	AV	45.644822	-119.197835	
321	0	7	LBCU	GRASS				6/5/2011	AV	45.670826	-119.214336	
435	0	7	LBCU	GRASS				6/5/2011	V	44.187776	-117.509745	
401	0	1	LBCU	SHORT SHRUB				6/6/2011	AV	45.589403	-119.183871	
515	0	1	LBCU	SHRUB				6/6/2011	AV	44.210580	-117.531562	
2105	0	3	LBCU	GRASS				6/8/2011	VA	45.676487	-119.214595	
2111	0	3	LBCU	GRASS				6/8/2011	VA	45.674782	-119.212156	
1628	50	1	LBCU	GRASS				6/4/2011	VA	43.856507	-117.419281	
610	75	4	LBCU	GRASS				6/8/2011	AV	45.523011	-118.868375	
1379	100	1	LBCU	GRASS				6/3/2011	VA	43.847417	-117.286689	
512	100	1	LBCU	SHRUB				6/6/2011	A	44.210097	-117.531089	
2256	100	2	LBCU	GRASS				6/8/2011	V	45.531756	-119.116990	
317	200	1	LBCU	GRASS				6/5/2011	A	45.661273	-119.210006	
304	250	3	LBCU	SHRUB STEPPE				4/8/2011	V	45.618329	-119.649353	
604	250	1	LBCU	AG				4/11/2011	V	45.612383	-119.400815	
141	250	2	LBCU	GRASS				5/11/2011	V	43.871323	-117.391879	
502	250	10	LBCU	GRASS				5/25/2011	A	43.610689	-117.088591	
9	250	1	LBCU	GRASS				6/1/2011	A	45.806421	-119.639941	
23	250	1	LBCU	AG				6/1/2011	V	45.809627	-119.623653	
232	250	9	LBCU	GRASS				6/4/2011	AV	45.673812	-119.247893	
1736	250	2	LBCU	GRASS				6/5/2011	VA	43.900378	-117.406024	
2118	250	1	LBCU	GRASS				6/8/2011	VA	45.660590	-119.207430	
15	300	2	LBCU	SCRUB				6/1/2011	AV	45.806894	-119.633987	
2100	300	2	LBCU	GRASS				6/8/2011	VA	45.676419	-119.214827	
15	500	2	LBCU	GRASS				5/10/2011	VA	43.367288	-116.686211	
309	500	2	LBCU	SHRUB STEPPE				5/13/2011	AV	43.432033	-116.810352	
421	500	1	LBCU	GRASS				5/15/2011	A	43.972337	-117.480873	
519	500	1	LBCU	SHRUB STEPPE				5/15/2011	A	43.598459	-117.084922	
82	500	2	LBCU	AG				6/1/2011	AV	45.785100	-119.455804	
1722	500	1	LBCU	GRASS				6/5/2011	A	43.899670	-117.421061	
839	500	1	LBCU	GRASS				6/9/2011	VA	43.848694	-117.276643	
400	600	1	LBCU	SHRUB STEPPE				5/14/2011	A	43.478485	-116.891856	
319	700	1	LBCU	GRASS				6/5/2011	A	45.666380	-119.214714	
119	750	14	LBCU	AG				4/6/2011	VA	45.655630	-119.965885	
419	750	1	LBCU	GRASS				4/9/2011	A	45.577160	-119.326776	
212	750	1	LBCU	SHRUB				5/25/2011	A	43.616516	-117.091480	

ID	DIST	QUANT	SPECIES	HABITAT	AGE	GENDE	PHOTO	DATE	OBSTYPE	LAT	LONG	COMMENTS
1037	750	1	LBCU	GRASS				6/1/2011	A	43.590602	-117.083248	
112	750	1	LBCU	AG				6/2/2011	A	45.772794	-119.455758	
38	800	1	LBCU	SHRUB				5/10/2011	A	43.360770	-116.666629	
453	800	1	LBCU	SHRUB STEPPE				5/14/2011	A	43.491950	-116.934586	
308	800	1	LBCU	RABBITBUSH				6/5/2011	AV	45.642444	-119.196041	
312	900	1	LBCU	RABBITBUSH				6/5/2011	A	45.648907	-119.200621	
314	900	1	LBCU	RABBITBUSH				6/5/2011	AV	45.654623	-119.205011	
49	1000	1	LBCU	SHRUB STEPPE				4/5/2011	VA	45.668813	-119.908312	DISPLAY
100	1000	2	LBCU	SHRUB				5/11/2011	A	43.370487	-116.697050	
227	1000	2	LBCU	GRASS				5/12/2011	VA	43.483656	-116.894417	
483	1000	1	LBCU	GRASS				5/14/2011	V	43.508577	-116.959512	
252	1000	2	LBCU	GRASS				6/4/2011	AV	45.675733	-119.217799	
256	1000	5	LBCU	GRASS				6/4/2011	AV	45.674889	-119.212397	
415	1000	1	LBCU	GRASS				6/6/2011	AV	45.560809	-119.158283	
227	1250	2	LBCU	SHRUB				5/25/2011	A	43.627503	-117.098589	
759	1500	1	LBCU	GRASS				4/12/2011	VA	45.536647	-119.046931	
130	1500	2	LBCU	GRASS				5/11/2011	VA	43.867728	-117.388355	
1017	1500	1	LBCU	GRASS				6/1/2011	A	43.565804	-117.040583	
318	1500	1	LBCU	GRASS				6/5/2011	A	45.664507	-119.212968	
331	1500	1	LBCU	SHORT SHRUB				6/5/2011	A	45.604056	-119.183798	
602	1500	1	LBCU	GRASS				6/8/2011	AV	45.528465	-118.881095	
149	50	1	LBCU-NEST	GRASS				5/11/2011	V	43.880763	-117.406787	4 EGGS ADULT ON NEST
173	0	2	LOSH	SHRUB				5/13/2011	VA	43.556809	-117.032192	
560	0	1	LOSH	SHRUB				6/6/2011	V	44.241616	-117.585292	
5152	0	1	LOSH	SHRUB STEPPE				6/22/2011	V	44.145642	-117.508401	
438	0	2	LOSH	SHRUB				7/17/2011	V	44.771366	-117.715732	RECENT FLEDGLINGS, CAN'T FLY MORE THAN 2 FEET
442	10	1	LOSH	SHRUB				7/17/2011	V	44.772584	-117.721746	
155	50	1	LOSH	PASTURE				4/6/2011	V	45.618013	-119.749142	
114	50	1	LOSH	SHRUB				5/11/2011	V	43.373382	-116.704837	
220	100	1	LOSH	SHRUB STEPPE				5/12/2011	V	43.402264	-116.757638	
290	100	1	LOSH	SAGE				5/13/2011	V	43.921334	-117.453555	
159	100	1	LOSH	SHRUB				5/24/2011	V	43.548620	-117.026762	
556	100	2	LOSH	SHRUB				7/25/2011	VA	44.770777	-117.714908	
274	150	2	LOSH	SAGE				5/13/2011	AV	43.913183	-117.445667	
449	150	2	LOSH	SHRUB				6/5/2011	V	44.194489	-117.515954	
235	200	1	LOSH	ROCK OUTCROP				4/7/2011	V	45.618903	-119.667836	
539	200	1	LOSH	SHRUB				6/6/2011	V	44.236568	-117.568343	
639	200	2	LOSH	SHRUB				7/27/2011	VA	44.629203	-117.497562	
312	250	1	LOSH	SHRUB				5/13/2011	AV	43.936424	-117.462045	
520	250	1	LOSH	SHRUB				7/26/2011	V	44.691591	-117.664642	
511	0	1	MOCH	FOREST				6/26/2011	A	45.430391	-118.382046	
627	0	1	MOCH	FOREST				6/26/2011	A	45.428715	-118.379380	
726	0	2	MOCH	FOREST				6/27/2011	AV	45.338452	-118.224738	
811	0	3	MOCH	FOREST				6/28/2011	AV	45.322871	-118.237684	
858	0	1	MOCH	FOREST				6/28/2011	V	45.312979	-118.185752	
30	0	2	MOCH	FOREST				7/14/2011	AV	45.210082	-118.051919	
116	0	3	MOCH	FOREST				7/15/2011	AV	45.206205	-118.056408	
6	0	2	MOCH	FOREST				7/20/2011	A	45.362846	-118.289179	
57	0	1	MOCH	FOREST				7/20/2011	A	45.326401	-118.244040	
150	0	2	MOCH	FOREST				7/21/2011	A	45.182628	-118.020817	
156	0	4	MOCH	FOREST				7/21/2011	VA	45.182901	-118.020682	
704	10	3	MOCH	FOREST				6/27/2011	AV	45.341047	-118.234709	

ID	DIST	QUANT	SPECIES	HABITAT	AGE	GENDE	PHOTO	DATE	OBSTYPE	LAT	LONG	COMMENTS
262	10	2	MOCH	FOREST				7/16/2011	A	45.173410	-118.013551	
4	20	2	MOCH	FOREST				7/20/2011	A	45.365342	-118.295500	
5	30	1	MOCH	FOREST				7/14/2011	A	45.246511	-118.104504	
179	30	2	MOCH	FOREST				7/15/2011	AV	45.187580	-118.032649	
544	40	2	MOCH	FOREST				6/26/2011	A	45.419520	-118.362953	
479	50	1	MOCH	FOREST				6/25/2011	A	45.487684	-118.493621	
505	50	1	MOCH	FOREST				6/25/2011	A	45.481206	-118.467205	
765	50	2	MOCH	FOREST				6/27/2011	A	45.321755	-118.207693	
810	75	2	MOCH	FOREST				6/28/2011	A	45.376473	-118.314791	
441	100	2	MOCH	FOREST				6/25/2011	A	45.490510	-118.515489	
560	100	2	MOCH	FOREST				6/26/2011	A	45.413678	-118.357691	
667	100	1	MOCH	FOREST				6/26/2011	V	45.433888	-118.415627	
845	100	1	MOCH	FOREST				6/28/2011	V	45.315178	-118.202887	
22	100	4	MOCH	FOREST				7/20/2011	A	45.361049	-118.285902	
179	100	1	MOCH	FOREST				7/21/2011	A	45.174233	-118.011650	
561	150	2	MOCH	FOREST				6/26/2011	A	45.403115	-118.344406	
432	200	1	MOCH	FOREST				6/25/2011	A	45.490255	-118.519091	
458	200	1	MOCH	FOREST				6/25/2011	A	45.489473	-118.502363	
598	250	1	MOCH	FOREST				6/26/2011	A	45.423049	-118.372264	
16	250	2	MOCH	FOREST				7/20/2011	A	45.362297	-118.287146	
30	250	2	MOCH	FOREST				7/20/2011	A	45.356076	-118.274608	
40	250	3	MOCH	FOREST				7/20/2011	A	45.347803	-118.261238	
779	300	1	MOCH	FOREST				6/27/2011	A	45.379649	-118.326291	
411	500	1	MOCH	FOREST				6/25/2011	A	45.491186	-118.542079	
764	500	1	MOCH	FOREST				6/27/2011	A	45.392247	-118.336653	
783	0	2	MOCH-NEST	FOREST				6/27/2011	AV	45.321875	-118.199252	AT ACTIVE NEST
256	0	1	MOJAVE BLACK-COLLARED LIZARD	SHRUB STEPPE				5/12/2011	V	43.416359	-116.779093	
258	50	1	MOJAVE BLACK-COLLARED LIZARD	SHRUB STEPPE	JUV			5/12/2011	V	43.416595	-116.779264	
270	200	1	MOJAVE BLACK-COLLARED LIZARD	SHRUB STEPPE				5/12/2011	V	43.421503	-116.786827	
417	200	1	MOJAVE BLACK-COLLARED LIZARD	GRASS				5/15/2011	V	43.967557	-117.480143	
371	250	1	MOJAVE BLACK-COLLARED LIZARD	SHRUB STEPPE	JUV			5/13/2011	V	43.464127	-116.873287	
374	250	2	MOJAVE BLACK-COLLARED LIZARD	SHRUB STEPPE				5/13/2011	V	43.464518	-116.873492	
427	0	1	NOFL	RIPARIAN				5/14/2011	V	43.490592	-116.911644	
1909	0	2	NOFL	RIPARIAN				6/6/2011	VA	43.961821	-117.449883	
147	0	1	NOFL	FOREST				6/23/2011	V	45.485643	-118.554660	
278	0	1	NOFL	RIPARIAN				6/23/2011	A	45.486619	-118.642821	
348	0	1	NOFL	FOREST				6/24/2011	v	45.498905	-118.526006	
365	0	1	NOFL	FOREST				6/24/2011	v	45.489260	-118.496826	
403	0	1	NOFL	FOREST				6/25/2011	A	45.490732	-118.544968	
421	0	1	NOFL	FOREST				6/25/2011	V	45.491001	-118.536700	
442	0	1	NOFL	FOREST				6/25/2011	V	45.490499	-118.515468	
471	0	1	NOFL	FOREST				6/25/2011	AV	45.488183	-118.498682	
564	0	1	NOFL	FOREST				6/26/2011	A	45.415273	-118.359663	
669	0	1	NOFL	FOREST				6/26/2011	A	45.433897	-118.415632	
799	0	1	NOFL	FOREST				6/27/2011	V	45.363561	-118.291903	
816	0	1	NOFL	FOREST				6/27/2011	V	45.358639	-118.278822	
802	0	1	NOFL	FOREST				6/28/2011	A	45.325454	-118.242975	
803	0	1	NOFL	FOREST				6/28/2011	AV	45.376834	-118.310159	
822	0	1	NOFL	FOREST				6/28/2011	A	45.359695	-118.285475	
921	0	1	NOFL	FOREST MEADOW				6/29/2011	V	45.312494	-118.216393	
120	0	1	NOFL	FOREST				7/15/2011	AV	45.205898	-118.055867	
17	0	1	NOFL	FOREST				7/20/2011	V	45.362297	-118.287146	

ID	DIST	QUANT	SPECIES	HABITAT	AGE	GENDE	PHOTO	DATE	OBSTYPE	LAT	LONG	COMMENTS
68	0	1	NOFL	FOREST				7/20/2011	A	45.243708	-118.108676	
102	0	1	NOFL	FOREST				7/21/2011	VA	45.243558	-118.097467	
136	0	1	NOFL	FOREST				7/21/2011	V	45.189092	-118.028013	
777	10	2	NOFL	FOREST				6/27/2011	AV	45.316823	-118.201839	
825	10	1	NOFL	FOREST				6/28/2011	AV	45.358381	-118.281576	
229	10	1	NOFL	FOREST				7/16/2011	AV	45.194634	-118.027035	
551	30	1	NOFL	FOREST				6/26/2011	A	45.419356	-118.360579	
141	40	1	NOFL	FOREST				7/15/2011	A	45.180542	-118.035216	
479	50	1	NOFL	FOREST				6/25/2011	V	45.487673	-118.493562	
5645	50	1	NOFL	RIPARIAN				6/26/2011	A	44.479208	-117.338892	
755	50	1	NOFL	FOREST				6/27/2011	AV	45.327110	-118.213832	
5819	50	1	NOFL	SHRUB STEPPE				6/27/2011	A	44.579122	-117.428758	
5913	50	2	NOFL	SHRUB STEPPE				6/28/2011	VA	44.633854	-117.513304	
155	50	1	NOFL	FOREST				7/15/2011	AV	45.192399	-118.041203	
415	50	1	NOFL	FOREST				7/21/2011	V	45.201159	-118.045431	
404	80	2	NOFL	FOREST				6/25/2011	A	45.482715	-118.474512	
360	100	1	NOFL	FOREST				6/24/2011	A	45.491472	-118.509351	
521	100	1	NOFL	FOREST				6/25/2011	A	45.472026	-118.446849	
505	100	1	NOFL	FOREST				6/26/2011	A	45.430193	-118.379634	
517	100	1	NOFL	FOREST				6/26/2011	A	45.428490	-118.376197	
730	100	1	NOFL	FOREST				6/27/2011	A	45.336595	-118.222369	
738	100	1	NOFL	RIPARIAN				6/27/2011	A	45.333094	-118.220673	
49	100	1	NOFL	FOREST				7/20/2011	A	45.338735	-118.250793	
599	150	1	NOFL	FOREST				6/26/2011	A	45.423204	-118.372055	
690	150	1	NOFL	FOREST				6/26/2011	A	45.441855	-118.424958	
493	200	1	NOFL	FOREST				6/25/2011	A	45.484402	-118.476585	
6109	200	1	NOFL	SHRUB STEPPE				6/29/2011	A	44.492045	-117.357944	
554	250	2	NOFL	FOREST				6/26/2011	A	45.410856	-118.354697	
903	250	1	NOFL	FOREST				6/29/2011	V	45.314488	-118.223135	
55	250	1	NOFL	FOREST				7/20/2011	A	45.326656	-118.246506	
65	250	2	NOFL	FOREST				7/20/2011	A	45.244648	-118.106640	
120	250	1	NOFL	FOREST				7/21/2011	A	45.195572	-118.039032	
125	250	1	NOFL	FOREST				7/21/2011	V	45.193985	-118.035116	
174	250	2	NOFL	FOREST				7/21/2011	A	45.174133	-118.011884	
335	250	1	NOFL	SHRUB				7/22/2011	A	45.091896	-117.893100	
29	300	1	NOFL	FOREST				7/20/2011	A	45.356500	-118.276066	
15	500	1	NOFL	FOREST				7/20/2011	A	45.362297	-118.287146	
328	500	1	NOFL	SHRUB				7/22/2011	A	45.095578	-117.898767	
704	500	1	NOFL	SHRUB				7/28/2011	A	44.583504	-117.407755	
402	0	1	NOGO	FOREST				6/25/2011	AV	45.490699	-118.544982	
530	10	1	NOGO	FOREST				6/26/2011	V	45.423312	-118.368822	
422	20	1	OSFL	FOREST				6/25/2011	AV	45.481007	-118.464219	
515	30	1	OSFL	FOREST				6/26/2011	A	45.428486	-118.376190	
504	50	1	OSFL	FOREST				6/26/2011	A	45.430193	-118.379633	
616	50	1	OSFL	FOREST				6/26/2011	A	45.426504	-118.375792	
79	250	1	OSFL	SHRUB				6/7/2011	V	44.401510	-117.335260	
526	250	1	OSFL	FOREST				6/25/2011	A	45.470831	-118.444537	
847	500	1	OSFL	FOREST				6/28/2011	A	45.314143	-118.199297	
614	750	1	OSFL	FOREST				6/26/2011	A	45.426264	-118.374600	
249	30	1	PIWO	FOREST				7/16/2011	V	45.176026	-118.019940	
430	70	1	PIWO	FOREST				6/25/2011	A	45.481226	-118.457582	
513	100	1	PIWO	FOREST				6/26/2011	A	45.430411	-118.382038	

ID	DIST	QUANT	SPECIES	HABITAT	AGE	GENDE	PHOTO	DATE	OBSTYPE	LAT	LONG	COMMENTS
427	500	1	PIWO	FOREST				6/25/2011	A	45.480817	-118.464540	
125	0	1	PRFA	AG				4/6/2011	V	45.625483	-119.819891	
5	0	1	PRFA	SHRUB STEPPE				5/10/2011	V	43.849034	-117.279808	
124	0	1	PRFA	GRASS				5/13/2011	V	43.537632	-117.010114	
304	0	2	PRFA	SHRUB				5/13/2011	AV	43.931204	-117.460289	
426	0	1	PRFA	RIPARIAN				5/14/2011	V	43.490582	-116.911642	
401	0	2	PRFA	ROCK				5/15/2011	AV	43.961924	-117.477917	
218	0	1	PRFA	SHRUB				5/25/2011	V	43.620985	-117.094545	
185	0	1	PRFA	ROCKS				6/2/2011	A	43.744908	-117.192089	
1936	0	2	PRFA	SHRUB STEPPE				6/6/2011	VA	43.964046	-117.465640	
214	0	1	PRFA	SHRUB				7/16/2011	AV	45.196439	-118.021540	
1940	25	2	PRFA	SHRUB STEPPE				6/6/2011	V	43.964411	-117.468695	
1943	50	2	PRFA	SHRUB STEPPE				5/15/2011	VA	43.962013	-117.477626	NEST FOUND AT THIS POINT. INBUFFER THOUGH
632	50	1	PRFA	SHRUB				5/26/2011	V	43.956746	-117.466278	
466	100	1	PRFA	GRASS				5/14/2011	V	43.494332	-116.945728	
1737	100	1	PRFA	GRASS				6/5/2011	V	43.899460	-117.405964	
520	100	1	PRFA	GRASS				6/7/2011	V	45.530382	-118.946552	
275	150	1	PRFA	SAGE				5/13/2011	V	43.913182	-117.445670	
294	200	1	PRFA	SHRUB				5/13/2011	V	43.924266	-117.456431	
367	250	1	PRFA	SHRUB STEPPE				5/13/2011	V	43.462309	-116.872374	
405	300	3	PRFA	SHRUB				7/17/2011	AV	44.800255	-117.722065	
44	500	1	PRFA	GRASS				5/11/2011	V	43.859899	-117.357265	
167	500	1	PRFA	ROCKS				6/2/2011	V	43.751850	-117.202926	
34	750	1	PRFA	GRASS				5/10/2011	V	43.854050	-117.336822	
242	750	1	PRFA	SHRUB STEPPE				5/12/2011	V	43.409076	-116.771420	
413	750	1	PRFA	GRASS				5/13/2011	VA	43.521583	-116.984153	
1739	750	1	PRFA	GRASS				6/5/2011	V	43.899485	-117.405475	
114	1000	1	PRFA	GRASS				5/11/2011	V	43.862461	-117.372368	
400	50	0	PRFA-NEST	ROCK OUTCROP				5/15/2011	NEST	43.961929	-117.477912	
170	500	0	PRFA-NEST	ROCKS				6/2/2011	SUSPECTED	43.752121	-117.201838	APPEARED TO BE NEST, LOTS OF CALLING AND SUITABLE SUBSTRATE
448	0	2	PYNU	FOREST				6/25/2011	A	45.489770	-118.507599	
820	0	4	PYNU	FOREST				6/28/2011	AV	45.360718	-118.288569	
46	30	1	PYNU	FOREST				7/15/2011	V	45.214161	-118.055833	
47	100	4	PYNU	FOREST				7/20/2011	A	45.338848	-118.252014	
31	200	3	PYNU	FOREST				7/20/2011	VA	45.355247	-118.273461	
405	250	1	PYNU	FOREST				6/25/2011	AV	45.491314	-118.545314	
43	250	2	PYNU	FOREST				7/20/2011	VA	45.345691	-118.258052	
416	0	1	RBNU	FOREST				6/25/2011	A	45.490998	-118.540107	
462	0	1	RBNU	FOREST				6/25/2011	A	45.459926	-118.441503	
470	0	1	RBNU	FOREST				6/25/2011	A	45.488196	-118.498697	
553	0	2	RBNU	FOREST				6/26/2011	VA	45.410853	-118.354689	
603	0	1	RBNU	FOREST				6/26/2011	A	45.423641	-118.371675	
820	0	1	RBNU	FOREST				6/28/2011	A	45.319197	-118.230791	
361	10	1	RBNU	FOREST				6/24/2011	A	45.488988	-118.494758	
467	10	1	RBNU	FOREST				6/25/2011	AV	45.464021	-118.444728	
362	20	1	RBNU	FOREST				6/24/2011	A	45.490950	-118.508460	
7	20	1	RBNU	FOREST				7/14/2011	A	45.247563	-118.099910	
432	30	1	RBNU	FOREST				6/25/2011	A	45.480471	-118.456543	
443	40	1	RBNU	FOREST				6/25/2011	A	45.475888	-118.436825	
474	40	1	RBNU	FOREST				6/25/2011	A	45.467094	-118.441203	
508	50	1	RBNU	FOREST				6/26/2011	A	45.430580	-118.380030	

ID	DIST	QUANT	SPECIES	HABITAT	AGE	GENDE	PHOTO	DATE	OBSTYPE	LAT	LONG	COMMENTS
542	50	2	RBNU	FOREST				6/26/2011	A	45.419547	-118.362760	
801	50	1	RBNU	FOREST				6/28/2011	A	45.377403	-118.307721	
809	50	1	RBNU	FOREST				6/28/2011	AV	45.376467	-118.314224	
402	60	1	RBNU	FOREST				6/25/2011	A	45.482964	-118.474087	
452	70	1	RBNU	FOREST				6/25/2011	A	45.464099	-118.436009	
516	70	2	RBNU	FOREST				6/26/2011	A	45.428495	-118.376192	
562	75	1	RBNU	FOREST				6/26/2011	A	45.403112	-118.344409	
426	100	1	RBNU	FOREST				6/25/2011	A	45.480817	-118.464539	
697	150	1	RBNU	FOREST				6/26/2011	A	45.447054	-118.428190	
343	200	1	RBNU	FOREST				6/24/2011	A	45.502166	-118.521186	
410	200	3	RBNU	FOREST				6/25/2011	A	45.483414	-118.478329	
536	200	2	RBNU	FOREST				6/26/2011	A	45.421245	-118.367863	
451	250	1	RBNU	FOREST				6/25/2011	A	45.490325	-118.506512	
495	250	1	RBNU	FOREST				6/25/2011	A	45.484472	-118.476558	
583	250	2	RBNU	FOREST				6/26/2011	A	45.417870	-118.367146	
724	250	1	RBNU	FOREST				6/27/2011	A	45.410551	-118.353994	
734	250	1	RBNU	FOREST				6/27/2011	A	45.403909	-118.347045	
756	250	2	RBNU	FOREST				6/27/2011	A	45.395278	-118.338969	
794	500	1	RBNU	FOREST				6/27/2011	A	45.371352	-118.308653	
116	500	1	RBNU	FOREST				7/21/2011	A	45.196239	-118.040576	
131	500	1	RBNU	FOREST				7/21/2011	A	45.191705	-118.030998	
138	750	1	RBNU	FOREST				7/21/2011	A	45.187611	-118.026533	
773	30	2	RNSA	RIPARIAN				6/27/2011	V	45.319093	-118.203189	
183	50	1	SAGEBRUSH LIZARD	SHRUB				6/2/2011	V	43.744867	-117.195150	
20	100	1	SAGEBRUSH LIZARD	SHRUB				6/1/2011	V	43.683102	-117.129092	
41	200	1	SAGEBRUSH LIZARD	SHRUB				6/1/2011	V	43.700677	-117.137120	
137	250	1	SAGEBRUSH LIZARD	DRAW				5/11/2011	V	43.867819	-117.389618	
145	250	1	SAGS	SHRUB				6/2/2011	AV	43.763260	-117.220623	
701	0	1	SATH	GRASS				4/12/2011	V	45.545117	-119.122900	
109	0	1	SATH	SHRUB STEPPE				5/11/2011	VA	43.862558	-117.370331	
313	0	1	SATH	SHRUB			PIC	5/26/2011	V	43.899693	-117.443697	
593	0	1	SATH	SHRUB				5/26/2011	V	43.903598	-117.443581	
226	0	1	SATH	SHRUB				6/3/2011	V	44.087292	-117.476005	
1700	0	1	SATH	SHRUB STEPPE			PIC TAKE	6/4/2011	VA	43.899199	-117.435581	
401	0	1	SATH	SHRUB				7/17/2011	V	44.805193	-117.726323	
402	0	1	SATH	SHRUB				7/17/2011	V	44.802446	-117.722504	W FOOD
412	0	5	SATH	SHRUB				7/17/2011	V	44.796855	-117.714270	
429	0	1	SATH	SHRUB				7/17/2011	V	44.781803	-117.708834	
455	0	1	SATH	SHRUB				7/17/2011	AV	44.767989	-117.725112	
541	0	2	SATH	SHRUB				7/18/2011	AV	44.816563	-117.716610	
775	0	1	SATH	SHRUB				7/21/2011	AV	44.668630	-117.570520	
415	10	2	SATH	SHRUB				7/17/2011	V	44.794725	-117.711093	
610	20	2	SATH	SHRUB				7/19/2011	V	44.861003	-117.746615	
724	30	1	SATH	SHRUB				7/20/2011	V	44.684896	-117.621385	
777	30	1	SATH	SHRUB				7/21/2011	AV	44.668623	-117.567114	
312	50	1	SATH	SHRUB				5/26/2011	V	43.899370	-117.443621	
325	50	1	SATH	SHRUB				5/26/2011	A	43.903424	-117.446948	
458	50	1	SATH	SHRUB				6/5/2011	AV	44.197303	-117.519113	
522	50	1	SATH	SHRUB				7/18/2011	AV	45.093413	-117.898979	
547	50	1	SATH	SHRUB				7/18/2011	V	44.821996	-117.703674	
707	50	1	SATH	SHRUB				7/20/2011	AV	44.696757	-117.679103	
600	50	1	SATH	SHRUB				7/26/2011	VA	44.697836	-117.691387	

ID	DIST	QUANT	SPECIES	HABITAT	AGE	GENDE	PHOTO	DATE	OBSTYPE	LAT	LONG	COMMENTS
752	100	1	SATH	SHRUB				7/20/2011	A	44.712924	-117.713898	
755	100	1	SATH	SHRUB				7/20/2011	A	44.713479	-117.710559	
543	100	1	SATH	SHRUB				7/26/2011	A	44.685947	-117.632530	
140	150	1	SATH	SHRUB				5/11/2011	V	43.416467	-116.774577	
233	200	1	SATH	SHRUB				6/3/2011	A	44.098168	-117.486568	
133	250	1	SATH	SHRUB				6/2/2011	A	43.770189	-117.223862	
253	250	1	SATH	SHRUB				6/3/2011	AV	44.117530	-117.506415	
409	250	1	SATH	SHRUB				6/5/2011	A	44.170107	-117.509944	
562	250	1	SATH	SHRUB				7/26/2011	A	44.680112	-117.596513	
234	300	1	SATH	SHRUB				6/3/2011	A	44.098163	-117.486566	
227	500	1	SATH	SHRUB STEPPE				5/12/2011	A	43.404298	-116.762823	
519	500	1	SATH	SHRUB				6/6/2011	A	44.213573	-117.533675	
200	0	1	SWHA	SAGE				4/6/2011	V	45.617986	-119.743975	
350	0	1	SWHA	AG				4/8/2011	V	45.612311	-119.416621	
535	0	1	SWHA	GRASS				4/10/2011	V	45.559988	-119.208806	
484	0	1	SWHA	GRASS				5/14/2011	V	43.508578	-116.959498	
506	0	1	SWHA	SHRUB				5/26/2011	V	43.897394	-117.444390	
583	0	2	SWHA	SHRUB				6/6/2011	V	44.250320	-117.593402	
5457	0	1	SWHA	SHRUB				6/25/2011	V	44.307999	-117.397415	
5858	0	1	SWHA	SHRUB				6/27/2011	AV	44.597813	-117.432918	
513	0	2	SWHA	AG				7/18/2011	V	45.096243	-117.916607	
528	0	1	SWHA	SHRUB				7/18/2011	AV	45.101418	-117.909625	
675	0	1	SWHA	SHRUB				7/28/2011	V	44.576417	-117.393157	
111	50	1	SWHA	SHRUB				5/11/2011	V	43.386735	-116.730521	
520	100	1	SWHA	GRASS				6/7/2011	AV	45.530382	-118.946552	
805	100	1	SWHA	GRASS				7/29/2011	VA	44.328404	-117.350248	
8	200	1	SWHA	SCRUB				6/1/2011	V	45.806445	-119.639951	
297	250	1	SWHA	GRASS				5/25/2011	V	43.664814	-117.120275	
1116	500	1	SWHA	GRASS				6/2/2011	V	43.593246	-117.074626	
5335	500	2	SWHA	SHRUB STEPPE				6/24/2011	V	44.332617	-117.355216	
5466	500	1	SWHA	SHRUB				6/25/2011	V	44.309673	-117.401702	
300	500	2	SWHA	SHRUB				7/22/2011	VA	45.103366	-117.911377	
5814	750	1	SWHA	SHRUB				6/27/2011	V	44.579132	-117.428797	
5814	750	1	SWHA	SHRUB STEPPE				6/27/2011	V	44.579132	-117.428797	
5938	750	1	SWHA	SHRUB STEPPE				6/28/2011	VA	44.643726	-117.531633	
5945	1000	1	SWHA	SHRUB STEPPE				6/28/2011	VA	44.643599	-117.530543	
520	50	1	SWHA-NEST	RIPARIAN		F		6/7/2011	AV	45.530382	-118.946552	ACTIVE NEST WTH 3 EGGS
780	20	1	WBNU	FOREST				6/27/2011	AV	45.315473	-118.197165	
324	0	1	WEBL	FOREST				6/24/2011	v	45.492126	-118.541966	
168	0	2	WEBL	FOREST				6/25/2011	V	45.490649	-118.546216	
538	0	2	WEBL	FOREST				6/26/2011	V	45.419240	-118.364229	
916	0	2	WEBL	FOREST MEADOW				6/29/2011	V	45.310897	-118.215274	
23	20	1	WEBL	FOREST		M		7/14/2011	V	45.206146	-118.055076	
28	30	1	WEBL	FOREST				7/14/2011	V	45.209894	-118.051957	
121	40	1	WEBL	FOREST				7/15/2011	V	45.205521	-118.055670	
410	100	3	WEBL	FOREST				6/25/2011	V	45.491511	-118.543714	
419	150	1	WEBL	FOREST				6/25/2011	V	45.490428	-118.539259	
813	250	1	WEBL	FOREST				6/28/2011	V	45.322876	-118.237698	
215	0	2	WESTERN GROUND SNAKE	SHRUB			PIC TAKE	5/25/2011	V	43.617941	-117.092426	SMALL SIZED
5245	50	1	WHITE-TAILED JACKRABBIT	SHRUB				6/23/2011	V	44.235816	-117.578318	
34	0	2	WISA	FOREST				7/15/2011	AV	45.209756	-118.057832	
156	0	1	WISA	FOREST				7/15/2011	V	45.192391	-118.041203	WILLIAMSON'S SAPSUCKER

ID	DIST	QUANT	SPECIES	HABITAT	AGE	GENDE	PHOTO	DATE	OBSTYPE	LAT	LONG	COMMENTS
519	50	1	WISA	FOREST				6/25/2011	V	45.473659	-118.450197	
527	100	1	WISA	FOREST				6/26/2011	A	45.424184	-118.371065	DRUMMING
508	250	2	WISA	FOREST				6/25/2011	AV	45.479571	-118.464400	
515	250	1	WISA	FOREST				6/25/2011	A	45.471870	-118.446157	
555	250	1	WISA	FOREST				6/26/2011	V	45.410822	-118.354716	
609	250	1	YBCH	RIPARIAN				6/7/2011	V	44.373001	-117.309211	

APPENDIX E
PART 2

ID	DIST	QUANT	SPECIES	HABITAT	AGE	DATE	OBSTYPE	LAT	LONG	COMMENTS
134	150	1	BUOW	SHRUB		5/11/2011	V	43.401931	-116.762430	FLUSHED BIRD THEN FOUND NEST
100	400	2	BUOW	GRASS		5/11/2011	V	43.861389	-117.361040	NESTING PAIR, NEST NOT LOCATED
464	25	1	BUOW	GRASS		5/13/2011	VA	43.537177	-117.009353	FOUND BURROW!!
455	50	1	BUOW	GRASS		5/13/2011	V	43.545992	-117.019682	NEST FOUND!!
144	25	0	BUOW	GRASS		5/13/2011	V	43.545968	-117.019668	POSSIBLE BUOW BURROW
1623	10	1	BUOW	GRASS		6/4/2011	V	43.859951	-117.411787	BURROW LOCATION
1815	0	0	BUOW	GRASS		6/5/2011	V	43.986180	-117.457037	BUOW BURROW. 2 OWLS OBSERVED
340	200	0	BUOW	GRASS		6/5/2011	V	45.626243	-119.184070	BURROWING OWL - PRIMARY HOLE, WHITEWASH, PELLETS
339	200	0	BUOW	GRASS		6/5/2011	V	45.626057	-119.183977	BURROWING OWL - SECONDARY HOLE AND WHITEWASH
323	700	0	BUOW	GRASS		6/5/2011	V	45.659914	-119.215509	BURROWING OWL PELLET AND WHITEWASH
341	200	0	BUOW	GRASS		6/5/2011	V	45.626295	-119.184134	BURROWING OWL SECONDARY HOLE AND WHITEWASH
342	200	2	BUOW	GRASS		6/5/2011	AV	45.626333	-119.183736	VERY NEAR BURROWS
2253	0	2	BUOW	GRASS		6/8/2011	V	45.529557	-119.110866	BURROW FOUND ALONG ROAD. ACTIVE WITH PELLETS AND EGG FRAGMENTS
350	100	0	BUOW-NEST	GRASS		5/13/2011	BURROW	43.452423	-116.856531	APPEARS TO BE USED LAST YEAR
344	0	1	BUOW-NEST	GRASS		5/13/2011	V	43.451746	-116.854528	ONLY 1 ADULT PRESENT
263	50	0	BUOW-NEST	SHRUB		6/3/2011	BURROW	44.126144	-117.510246	
521	150	3	GHOW	RIPARIAN	2 ADULTS, 1 JUV (~5-8 WEEKS OLD)	6/7/2011	AV	45.531138	-118.946198	ACTIVE NEST VERY NEAR IN TREES
781	0	1	GHOW-NEST	TREE		4/12/2011	V	45.541559	-119.054785	25FT HIGH 1CHICK VISIBLE MAYBE 2
435	100	1	NEST	SHRUB		7/17/2011	V	44.769363	-117.712987	ACTIVE THIS YEAR, LOTS OF WHITE WASH, AT ENTRANCE TO OLD MINE, RAPTOR OR CORVID NEST (NEST__156.5RD_S)
19	0	0	OSPR	SAGE		4/5/2011	V	45.682911	-119.829566	OSPREY NEST BOX LOCATION, OSPREY FLYING NEAR NEST BOX
780	1000	1	OWL	TREE		4/12/2011	NEST	45.540953	-119.053098	NEST
1943	50	2	PRFA	SHRUB STEPPE		5/15/2011	VA	43.962013	-117.477626	NEST FOUND AT THIS POINT. IN BUFFER THOUGH
400	50	0	PRFA-NEST	ROCK OUTCROP		5/15/2011	NEST	43.961929	-117.477912	
170	500	0	PRFA-NEST	ROCKS		6/2/2011	SUSPECTED	43.752121	-117.201838	APPEARED TO BE NEST, LOTS OF CALLING AND SUITABLE SUBSTRATE
634	200	5	RTHA	RIPARIAN	2 ADULTS, 3 NESTLINGS (4-5 WKS OLD)	6/8/2011	AV	45.521346	-118.801752	ACTIVE NEST
27	400	1	RTHA-NEST	TREE		4/5/2011	V	45.668944	-119.837364	JUMPED FROM NEST
693	250	1	RTHA-NEST	FOREST		6/26/2011	NEST	45.443120	-118.426488	
730	0	1	SEOW	GRASS		4/12/2011	V	45.536707	-119.072954	JUMPED FROM NEST
769	250	0	SEOW-NEST	GRASS		4/12/2011	NEST	45.536630	-119.031924	8 EGGS
757	100	1	SEOW-NEST	GRASS		4/12/2011	V	45.536684	-119.047841	SEOW JUMPED FROM NEST 4 EGGS
520	50	1	SWHA	RIPARIAN		6/7/2011	AV	45.530382	-118.946552	FEMALE NEAR ACTIVE NEST WTH 3 EGGS

APPENDIX E
PART 3

ID	DIST	QUANT	SPECIES	HABITAT	AGE	GENDER	PHOTO	DATE	OBSTYPE	LAT	LONG	COMMENTS	SSS
1	500	2	CAGU	SAGE		UNK		4/5/2011	V	45.691242	-119.831619		
2	0	1	RWBL	SAGE		M		4/5/2011	V	45.691256	-119.831620		
3	200	2	WEME	SAGE				4/5/2011	VA	45.691387	-119.831722		
4	300	1	AMKE	SAGE		M		4/5/2011	V	45.691359	-119.831704		
6	0	2	WEME	SAGE				4/5/2011	V	45.689026	-119.830736		
7	300	3	WEME	SAGE				4/5/2011		45.689125	-119.830970		
9	500	1	KILL	AG				4/5/2011	V	45.687617	-119.831915		
10	1000	1	RTHA	SAGE				4/5/2011	V	45.687435	-119.831485		
11	0	3	AMRO	SAGE				4/5/2011	V	45.687428	-119.831528		
13	50	3	WEME	SAGE				4/5/2011	VA	45.686487	-119.831400		
14	100	1	RTHA	SAGE				4/5/2011	V	45.685932	-119.831084		
16	100	1	OSPR	SAGE				4/5/2011	V	45.683906	-119.830500	NEAR NEST BOX	
17	700	50	MALL	LAKE		MIX		4/5/2011	V	45.683469	-119.829622		
17	125	5	WEME	SAGE				4/5/2011	VA	45.683907	-119.830496		
18	500	2	COOT	LAKE				4/5/2011	V	45.683472	-119.829621		
18	500	6	GWTE	LAKE				4/5/2011	V	45.683474	-119.829619		
19	0	0	OSPR					4/5/2011	V	45.682911	-119.829566	OSPREY NEST BOX LOCATION	
20	400	1	EAGR	LAKE				4/5/2011	V	45.682168	-119.830625		
21	125	4	WEME	SAGE				4/5/2011	VA	45.677930	-119.831144		
22	100	1	AMRO	SAGE				4/5/2011	A	45.677928	-119.831141		
23	400	5	MULE DEER	COTTONWOOD		UNK		4/5/2011	V	45.676442	-119.833015		
24	0	2	ELK	RIPARIAN				4/5/2011	V	45.675585	-119.832194	POINT TAKEN ON GAME TRAIL SCAT TRACKS SMELL (45.675194/-119.831447)	X
24	100	5	CLSW	SAGE				4/5/2011	V	45.676440	-119.833015		
26	0	1	WEME	AG				4/5/2011	V	45.672950	-119.835903		
27	125	50	SWALLOW	RIPARIAN				4/5/2011	V	45.668459	-119.837540	DOMINANT CLSW FEW TRSW MAYBE VGSW	
27	400	1	RTHA-NEST	TREE				4/5/2011	V	45.668944	-119.837364	JUMPED FROM NEST	
28	0	2	CORA	AG/RIPARIAN				4/5/2011	V	45.668401	-119.845499		
28	200	15	CAQU	RIPARIAN				4/5/2011	V	45.668473	-119.837530		
29	50	1	CHSP	SAGE				4/5/2011	V	45.668411	-119.849221		
30	200	1	WEME	SHRUB STEPPE				4/5/2011	A	45.668559	-119.851475		
33	100	2	WEME	SHRUB STEPPE				4/5/2011	A	45.668611	-119.853523		
34	0	1	RNEP	SHRUB STEPPE		F		4/5/2011	V	45.668659	-119.856498		
35	125	3	WEME	SHRUB STEPPE				4/5/2011	VA	45.668672	-119.856551		
37	0	1	BLUEBIRD	SHRUB STEPPE		F		4/5/2011	V	45.668663	-119.858795		
39	0	1	WEME	SHRUB STEPPE				4/5/2011	V	45.668665	-119.859652		
42	25	3	WEME	GRASS				4/5/2011	V	45.668652	-119.868488		
43	25	2	WEME	GRASS				4/5/2011	V	45.668623	-119.876223		
45	50	2	WEME	GRASS				4/5/2011	V	45.668732	-119.884161		
46	125	5	HOLA	GRASS				4/5/2011	VA	45.668707	-119.884185	COURTING BEHAVIOR	
47	100	1	CORA	AG				4/5/2011	V	45.668818	-119.908300		
48	150	2	WEME	GRASS				4/5/2011	A	45.668816	-119.908297		
49	1000	1	LBCU	SHRUB STEPPE				4/5/2011	VA	45.668813	-119.908312	DISPLAY	X
50	0	1	LBCU	GRASS AG				4/5/2011	VA	45.669513	-119.912037		X
51	100	3	WEME	GRASS				4/5/2011	VA	45.669740	-119.912031		
53	125	4	WEME	GRASS				4/5/2011	VA	45.668908	-119.917124		
100	300	1	WEME	AG				4/6/2011	A	45.647438	-119.964150		
101	0	1	SAPH	AG				4/6/2011	VA	45.647441	-119.964154		
102	100	1	NOHA	AG		F		4/6/2011	V	45.647439	-119.964153		
103	100	1	MODO	AG				4/6/2011	V	45.647439	-119.964153		
104	0	2	MODO	AG				4/6/2011	V	45.648348	-119.964402		
105	0	20	WCSP	AG	MIX			4/6/2011	V	45.649816	-119.964835		
106	500	3	CAGU	AG				4/6/2011	V	45.650093	-119.964890		
107	750	1	RTHA	AG				4/6/2011	V	45.650091	-119.964898		
107	250	1	WEME	AG				4/6/2011	A	45.650091	-119.964896		
108	100	2	RWBL	AG				4/6/2011	V	45.653173	-119.965828		
109	100	1	AMRO	AG				4/6/2011	V	45.653172	-119.965826		
110	2000	2	RTHA	AG				4/6/2011	V	45.653179	-119.965824		
111	100	2	WCSP	AG	MIX			4/6/2011	V	45.653180	-119.965825		
112	500	1	RNEP	AG				4/6/2011	A	45.653177	-119.965824		
113	500	1	CORA	AG				4/6/2011	V	45.653176	-119.965825		
114	0	1	LBCU	AG				4/6/2011	A	45.653188	-119.965828		X
115	500	1	SAPH	AG				4/6/2011	A	45.653188	-119.965829		
116	0	2	WCSP	AG				4/6/2011	V	45.653186	-119.965829		
117	100	1	CORA	AG				4/6/2011	V	45.653186	-119.965829		
118	250	3	RWBL	AG				4/6/2011	VA	45.655625	-119.965896		
119	750	14	LBCU	AG				4/6/2011	VA	45.655630	-119.965885		X
120	250	1	RNEP	AG				4/6/2011	A	45.655630	-119.965884		
121	200	6	WCSP	AG				4/6/2011	V	45.655762	-119.965029		
122	200	1	LISP	AG				4/6/2011	V	45.655750	-119.965030		
123	0	2	MALL	AG				4/6/2011	V	45.655629	-119.965936		
125	0	1	PRFA	AG				4/6/2011	V	45.625483	-119.819891		X
126	0	1	LBCU	AG				4/6/2011	V	45.625430	-119.819621		X
127	0	1	HOLA	AG				4/6/2011	V	45.625330	-119.815800		
128	250	3	WEME	AG				4/6/2011	A	45.625330	-119.815800		
129	0	2	CORA	AG				4/6/2011	V	45.625194	-119.812968		

ID	DIST	QUANT	SPECIES	HABITAT	AGE	GENDER	PHOTO	DATE	OBSTYPE	LAT	LONG	COMMENTS	SSS
131	0	1	HOLA	AG				4/6/2011	V	45.625651	-119.811622		
132	250	1	WEME	GRASS				4/6/2011	A	45.625304	-119.809865		
134	400	3	HOLA	AG				4/6/2011	VA	45.625596	-119.806735		
136	250	3	WEME	SAGE				4/6/2011	A	45.625284	-119.801176		
137	100	3	HOLA	GRASS				4/6/2011	V	45.625287	-119.801178		
138	750	1	NOHA	AG		M		4/6/2011	V	45.625266	-119.801200		
139	125	5	HOLA	AG				4/6/2011	VA	45.625138	-119.785623		
139	0	1	NOHA	GRASS		M		4/6/2011	V	45.626001	-119.803920	ROAD	
140	0	2	LBCU	AG				4/6/2011	V	45.625139	-119.785620		X
141	125	2	HOLA	AG				4/6/2011	A	45.625123	-119.773497		
144	250	3	WEME	GRASS				4/6/2011	A	45.623231	-119.767108		
145	125	3	HOLA	GRASS				4/6/2011	AV	45.623232	-119.767109		
147	500	1	RLHA	GRASS				4/6/2011	V	45.623200	-119.767128		
148	0	2	LBCU	AG				4/6/2011	VA	45.619706	-119.764853		X
149	400	2	WEME	AG				4/6/2011	A	45.619705	-119.764847		
150	0	1	HOLA	AG				4/6/2011	V	45.619705	-119.764847		
153	250	5	HOLA	AG				4/6/2011	VA	45.618122	-119.753039		
154	400	2	WEME	AG				4/6/2011	A	45.618122	-119.753049		
155	50	1	LOSH	PASTURE				4/6/2011	V	45.618013	-119.749142		X
155	750	1	CORA	AG				4/6/2011	A	45.618122	-119.753047		
156	100	2	HOLA	PASTURE				4/6/2011	V	45.618012	-119.749159		
159	0	3	WCSP	CORRAL				4/6/2011	V	45.618149	-119.745363		
160	250	3	BRBL	CORRAL				4/6/2011	V	45.618148	-119.745365		
161	0	7	RWBL	PASTURE				4/6/2011	V	45.618148	-119.745366		
162	200	8	ROPI	BARN				4/6/2011	V	45.618149	-119.745365		
164	200	2	EUST	CORRAL				4/6/2011	VA	45.618149	-119.745365		
165	200	2	MODO	CORRAL				4/6/2011	V	45.618149	-119.745365		
166	0	1	CORA	GRASS				4/6/2011	V	45.618148	-119.745365		
167	0	1	LBCU	PASTURE				4/6/2011	A	45.618149	-119.745362		X
169	200	2	WCSP	CORRAL				4/6/2011	V	45.618150	-119.745362		
170	200	1	MOUNTAIN COTTONTAIL	BARN				4/6/2011	V	45.618150	-119.745363		
200	0	1	SWHA	SAGE				4/6/2011	V	45.617986	-119.743975		X
147	0	1	WESTERN RATTLESNAKE	ROCK OUTCROP	JUV			4/7/2011	AV	45.619611	-119.668278		
203	0	1	CORA	AG				4/7/2011	V	45.617887	-119.740591		
204	175	6	HOLA	AG				4/7/2011	VA	45.617894	-119.740609		
207	125	4	HOLA	AG				4/7/2011	VA	45.617626	-119.736658		
208	250	3	HOLA	AG				4/7/2011	VA	45.617889	-119.733376		
209	0	1	COYOTE	AG				4/7/2011	BONES	45.617881	-119.723866		
209	0	1	HOLA	AG				4/7/2011	V	45.617985	-119.727187		
210	175	3	HOLA	AG				4/7/2011	VA	45.617889	-119.723117		
211	0	2	CORA	AG				4/7/2011	V	45.617880	-119.723118		
212	500	2	WEME	AG				4/7/2011	A	45.617878	-119.723118		
214	0	5	WCSP	AG	MIX			4/7/2011	V	45.617920	-119.719728		
215	200	1	HOLA	GRASS				4/7/2011	V	45.617928	-119.719725		
217	100	2	HOLA	AG				4/7/2011	VA	45.617894	-119.717159		
218	400	2	WEME	AG				4/7/2011	A	45.617888	-119.717156		
219	0	1	HOLA	AG				4/7/2011	V	45.617907	-119.707826		
220	0	2	HOLA	AG				4/7/2011	V	45.617834	-119.701807		
221	100	2	HOLA	AG				4/7/2011	A	45.617912	-119.690036		
224	300	1	WEME	AG				4/7/2011	A	45.617921	-119.690029		
225	500	1	NOHA	AG		M		4/7/2011	V	45.617922	-119.690029		
226	0	1	LBCU	AG				4/7/2011	V	45.618227	-119.688675		X
228	100	3	HOLA	AG				4/7/2011	V	45.617962	-119.685192		
229	500	1	WEME	CRP				4/7/2011	A	45.617965	-119.685190		
229	250	5	HOLA	CRP				4/7/2011	VA	45.618217	-119.678512		
230	500	1	WEME	AG				4/7/2011	A	45.618211	-119.678524		
231	300	2	WEME	CRP				4/7/2011	A	45.618513	-119.675670		
232	125	4	HOLA	CRP				4/7/2011	VA	45.618516	-119.675669		
233	125	2	WEME	CRP				4/7/2011	A	45.618664	-119.671419		
234	125	3	HOLA	CRP				4/7/2011	V	45.618653	-119.671423		
234	250	1	GRSP	CRP				4/7/2011	V	45.619102	-119.668871		X
235	200	1	LOSH	ROCK OUTCROP				4/7/2011	V	45.618903	-119.667836		X
236	0	1	MOUNTAIN COTTONTAIL	ROCK OUTCROP				4/7/2011	V	45.618896	-119.667846		
240	300	3	WEME	SAGE				4/7/2011	A	45.618137	-119.654944		
241	100	2	WEME	CRP				4/7/2011	AV	45.618000	-119.660248		
242	200	1	HOLA	CRP				4/7/2011	A	45.617996	-119.660256		
244	750	1	RLHA	CRP				4/7/2011	V	45.618312	-119.665877		
401	100	5	HOLA	AG				4/7/2011	VA	45.617920	-119.588516		
239	200	1	HOLA	AG				4/8/2011	V	45.617921	-119.598596		
300	500	1	RLHA	SHRUB STEPPE				4/8/2011	V	45.618370	-119.653690		
301	250	3	WEME	SHRUB STEPPE				4/8/2011	VA	45.618378	-119.653683		
302	750	1	RLHA	SHRUB STEPPE				4/8/2011	V	45.618574	-119.651221		
303	0	3	CORA	SHRUB STEPPE				4/8/2011	V	45.618580	-119.651237		
304	250	3	LBCU	SHRUB STEPPE				4/8/2011	V	45.618329	-119.649353		X
305	125	3	WEME	SHRUB STEPPE				4/8/2011	VA	45.618323	-119.649355		

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306	350	2	SAVS	SHRUB STEPPE				4/8/2011	A	45.618320	-119.649368		
307	250	1	HOLA	CRP				4/8/2011	V	45.618845	-119.645505		
308	175	3	HOLA	CRP				4/8/2011	AV	45.618327	-119.644582		
309	300	3	WEME	CRP				4/8/2011	A	45.618321	-119.644567		
310	250	1	EUST	CRP				4/8/2011	A	45.618320	-119.644562		
311	250	1	NOHA	AG		M		4/8/2011	V	45.618083	-119.643223		
312	250	1	HOLA	AG		F		4/8/2011	V	45.617773	-119.640113		
312	100	1	WEME	AG				4/8/2011	A	45.617778	-119.640118		
313	200	2	HOLA	AG		M		4/8/2011	V	45.617779	-119.640120		
314	50	1	WEME	AG				4/8/2011	A	45.617758	-119.635850		
315	0	1	LBCU	AG				4/8/2011	A	45.617722	-119.635806		X
316	50	2	WEME	AG				4/8/2011	VA	45.617729	-119.632153		
317	100	1	HOLA	AG				4/8/2011	A	45.617731	-119.632154		
319	0	2	HOLA	AG				4/8/2011	V	45.617741	-119.630810		
320	0	2	LBCU	AG				4/8/2011	V	45.617755	-119.628857		X
321	125	4	HOLA	AG				4/8/2011	AV	45.617963	-119.623043		
323	0	6	HOLA	AG				4/8/2011	V	45.617950	-119.616988		
324	500	2	HOLA	AG				4/8/2011	V	45.617944	-119.610857		
325	125	4	HOLA	AG				4/8/2011	V	45.617938	-119.607087		
326	175	5	HOLA	AG				4/8/2011	V	45.617947	-119.603355		
327	250	2	WEME	AG				4/8/2011	V	45.617947	-119.603355		
330	500	1	WEME	AG				4/8/2011	A	45.617943	-119.598603		
334	250	2	HOLA	AG				4/8/2011	AV	45.632301	-119.551391		
335	400	3	HOLA	AG				4/8/2011	V	45.632401	-119.536256		
336	1000	1	RLHA	AG				4/8/2011	V	45.632295	-119.536217		
337	500	1	WEME	AG				4/8/2011	A	45.632402	-119.536252		
339	0	1	RLHA	AG				4/8/2011	V	45.632395	-119.534177		
340	250	2	WEME	AG				4/8/2011	VA	45.632246	-119.530737		
341	0	2	MODO	AG				4/8/2011	V	45.632247	-119.530738		
342	500	1	HOLA	AG				4/8/2011	A	45.632245	-119.530738		
344	0	1	LBCU	AG				4/8/2011	AV	45.614855	-119.430721		X
345	0	2	HOLA	GRASS				4/8/2011	A	45.614850	-119.430724		
346	750	1	RNEP	AG				4/8/2011	A	45.614844	-119.430730		
347	350	2	WEME	GRASS				4/8/2011	A	45.614845	-119.430728		
348	50	3	HOLA	AG				4/8/2011	V	45.612312	-119.416620		
348	100	2	HOLA	AG				4/8/2011	VA	45.613443	-119.423060		
349	500	1	WEME	AG				4/8/2011	A	45.612310	-119.416626		
350	0	1	SWHA	AG				4/8/2011	V	45.612311	-119.416621		X
351	0	1	LBCU	AG				4/8/2011	V	45.612312	-119.416620		X
352	125	2	HOLA	AG				4/8/2011	VA	45.612313	-119.416619		
353	250	1	SAVS	AG				4/8/2011	A	45.612314	-119.416618		
358	0	1	AMKE	AG				4/8/2011	V	45.611824	-119.409311		
359	150	2	HOLA	AG				4/8/2011	A	45.611782	-119.408664		
359	1500	12	DEER	AG EDGE				4/8/2011	V	45.611823	-119.409310		
360	175	5	HOLA	AG				4/8/2011	V	45.616718	-119.453581		
362	175	4	HOLA	AG				4/8/2011	V	45.617205	-119.447761		
363	100	1	RNEP	AG				4/8/2011	V	45.617206	-119.447761		
364	0	4	MODO	AG				4/8/2011	V	45.617188	-119.445576		
364	250	1	CORA	AG				4/8/2011	V	45.617207	-119.447763		
365	0	1	AMRO	AG				4/8/2011	AV	45.617187	-119.445574		
366	250	1	KILL	AG				4/8/2011	V	45.617187	-119.445582		
367	100	1	WCSP	AG				4/8/2011	AV	45.617190	-119.445583		
368	0	1	RTHA	AG				4/8/2011	V	45.616984	-119.443549		
369	0	1	RTHA	AG				4/8/2011	V	45.616273	-119.441660		
370	200	2	RNEP	AG				4/8/2011	V	45.616281	-119.441661		
373	200	1	DEJU	SAGE				4/8/2011	V	45.614207	-119.439904		
376	500	1	BBMA	AG				4/8/2011	V	45.613734	-119.439715		
380	100	6	DEJU	SAGE				4/8/2011	VA	45.612926	-119.439030		
381	250	5	HOLA	AG				4/8/2011	V	45.612927	-119.439038		
383	0	2	AMCR	AG				4/8/2011	V	45.612979	-119.438733		
201	200	2	HOLA	AG				4/9/2011	A	45.617920	-119.742340		
400	0	2	HOLA	AG				4/9/2011	AV	45.617916	-119.591828		
402	0	3	HOLA	AG				4/9/2011	V	45.617925	-119.580866		
403	0	1	CORA	AG				4/9/2011	V	45.617927	-119.580866		
405	100	4	HOLA	AG				4/9/2011	AV	45.617911	-119.580310		
406	750	1	RLHA	AG				4/9/2011	V	45.617923	-119.578337		
407	100	6	HOLA	AG				4/9/2011	V	45.617904	-119.574188		
409	50	12	HOLA	AG				4/9/2011	V	45.617856	-119.568071		
410	50	4	HOLA	AG				4/9/2011	VA	45.617630	-119.560154		
412	200	3	HOLA	AG				4/9/2011	AV	45.621970	-119.560189		
412	200	6	HOLA	AG				4/9/2011	AV	45.625201	-119.560164		
413	0	2	WEME	AG/CRP				4/9/2011	V	45.579525	-119.340833		
413	200	3	HOLA	AG				4/9/2011	AV	45.579508	-119.340847		
414	100	2	HOLA	AG				4/9/2011	AV	45.579747	-119.337498		
415	0	1	LBCU	AG				4/9/2011	V	45.578895	-119.333273		X

ID	DIST	QUANT	SPECIES	HABITAT	AGE	GENDER	PHOTO	DATE	OBSTYPE	LAT	LONG	COMMENTS	SSS
416	0	1	SWALLOW	AG				4/9/2011	V	45.578888	-119.333271	CLSW? TOO FAR TO ID	
417	200	3	WEME	AG				4/9/2011	A	45.578885	-119.333267		
418	200	3	HOLA	GRASS				4/9/2011	AV	45.578392	-119.331862		
418	0	4	PRONGHORN ANTELOPE	GRASS				4/9/2011	V	45.578381	-119.331901		
419	750	1	NOHA	GRASS		M		4/9/2011	V	45.578398	-119.331855		
419	750	1	LBCU	GRASS				4/9/2011	A	45.577160	-119.326776		X
420	200	7	HOLA	GRASS				4/9/2011	AV	45.577163	-119.326770		
421	250	1	WEME	GRASS				4/9/2011	A	45.577158	-119.326751		
422	0	2	LBCU	GRASS				4/9/2011	V	45.576853	-119.325631		X
423	250	3	HOLA	GRASS				4/9/2011	V	45.575506	-119.320711		
423	250	1	WEME	GRASS				4/9/2011	A	45.575518	-119.320701		
424	100	8	HOLA	GRASS				4/9/2011	AV	45.575428	-119.316194		
425	200	2	WEME	GRASS				4/9/2011	AV	45.574859	-119.313317		
426	250	30	HOLA	GRASS				4/9/2011	AV	45.574836	-119.313326		
428	100	2	HOLA	GRASS				4/9/2011	VA	45.573899	-119.308522		
429	250	2	WEME	GRASS				4/9/2011	VA	45.573892	-119.308528		
430	200	6	HOLA	GRASS				4/9/2011	AV	45.573006	-119.304080		
430	200	2	WEME	GRASS				4/9/2011	AV	45.573007	-119.304079		
431	0	1	SEOW	CRP				4/9/2011	V	45.572846	-119.301750		
431	100	0	SEOW	CRP				4/9/2011	PELLET	45.572876	-119.300050	COLLECTED	
432	250	1	WEME	CRP				4/9/2011	V	45.572718	-119.297790		
433	200	0	SEOW	CRP				4/9/2011	PELLET	45.572721	-119.297788		
434	200	0	SEOW	CRP				4/9/2011	PELLET	45.572207	-119.295276		
435	200	0	SEOW	CRP				4/9/2011	PELLET	45.571916	-119.294214		
437	100	1	WEME	CRP				4/9/2011	A	45.571913	-119.294215		
438	250	0	SEOW	CRP				4/9/2011	PELLET	45.571908	-119.294213		
439	200	0	SEOW	CRP				4/9/2011	PELLET	45.571021	-119.288648		
440	250	1	WEME	CRP				4/9/2011	A	45.569366	-119.282203		
440	200	2	WEME	CRP				4/9/2011	VA	45.568515	-119.279439		
441	50	2	HOLA	CRP				4/9/2011	A	45.568514	-119.279440		
444	50	0	SEOW	CRP				4/9/2011	PELLET	45.568138	-119.275510		
447	250	3	WEME	CRP				4/9/2011	A	45.567395	-119.270075		
449	200	4	WEME	CRP				4/9/2011	A	45.565402	-119.260404		
450	200	1	WEME	CRP				4/9/2011	A	45.562467	-119.262678		
450	200	2	GRAP	CRP				4/9/2011	V	45.559841	-119.264293		
451	100	2	HOLA	CRP				4/9/2011	VA	45.559820	-119.264320		
500	100	3	WEME	CRP				4/10/2011	A	45.557206	-119.253638		
501	100	3	HOLA	CRP				4/10/2011	AV	45.557206	-119.253635		
502	100	1	SAVS	CRP				4/10/2011	AV	45.558113	-119.253124		
503	0	1	POCKET GOPHER	CRP	JUV			4/10/2011	CAPTURE	45.563299	-119.254313		
504	200	4	WEME	CRP				4/10/2011	A	45.563314	-119.254288		
505	100	3	HOLA	CRP				4/10/2011	AV	45.563313	-119.254287		
506	0	1	SAVS	CRP				4/10/2011	A	45.564583	-119.256706		
507	200	5	WEME	CRP				4/10/2011	AV	45.564581	-119.256704		
509	100	3	HOLA	CRP				4/10/2011	AV	45.564581	-119.256707		
510	0	1	SAVS	CRP				4/10/2011	V	45.564986	-119.257699		
511	200	1	SAVS	CRP				4/10/2011	V	45.564611	-119.252174		
512	100	8	HOLA	CRP				4/10/2011	AV	45.564234	-119.251426		
513	250	4	WEME	CRP				4/10/2011	A	45.564234	-119.251424		
514	50	6	HOLA	AG				4/10/2011	AV	45.561958	-119.244221		
515	500	3	WEME	AG				4/10/2011	A	45.561991	-119.244210		
516	200	3	MULE DEER	AG				4/10/2011	V	45.561991	-119.244210		
519	200	3	WEME	AG				4/10/2011	AV	45.560907	-119.237756		
519	100	4	HOLA	AG				4/10/2011	AV	45.560906	-119.237758		
520	250	1	SAVS	AG				4/10/2011	A	45.561040	-119.235055		
521	100	2	HOLA	AG				4/10/2011	AV	45.560280	-119.231975		
522	250	3	WEME	AG				4/10/2011	A	45.560289	-119.231967		
523	100	1	SAVS	AG				4/10/2011	A	45.560289	-119.231968		
524	500	2	WEME	AG				4/10/2011	A	45.560015	-119.228184		
524	0	2	HOLA	AG				4/10/2011	A	45.560028	-119.228178		
525	250	2	SAVS	AG				4/10/2011	AV	45.559867	-119.226372		
526	250	2	WEME	AG				4/10/2011	A	45.559893	-119.226359		
527	250	3	HOLA	AG				4/10/2011	A	45.559613	-119.222352		
529	0	1	WEME	AG				4/10/2011	V	45.558969	-119.216341		
530	100	3	HOLA	SHRUB STEPPE				4/10/2011	AV	45.558971	-119.216341		
531	50	7	HOLA	AG				4/10/2011	AV	45.559355	-119.214084		
531	250	3	WEME	AG/CRP				4/10/2011	A	45.559339	-119.213634		
533	300	7	HOLA	GRASS				4/10/2011	AV	45.559984	-119.208802		
534	500	3	WEME	GRASS				4/10/2011	A	45.559987	-119.208806		
535	0	1	SWHA	GRASS				4/10/2011	V	45.559988	-119.208806		X
537	200	3	HOLA	GRASS				4/10/2011	A	45.560305	-119.204798		
538	250	2	WEME	GRASS				4/10/2011	A	45.560303	-119.204797		
539	1500	2	CORA	AG				4/10/2011	V	45.560302	-119.204797		
539	100	1	WEME	GRASS				4/10/2011	A	45.560330	-119.202871		
540	200	6	HOLA	GRASS				4/10/2011	AV	45.559602	-119.200623		

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541	750	3	WEME	GRASS				4/10/2011	A	45.559602	-119.200625		
543	100	6	HOLA	GRASS				4/10/2011	AV	45.559429	-119.192658		
544	100	3	HOLA	GRASS				4/10/2011	A	45.559287	-119.190561		
545	750	2	WEME	GRASS				4/10/2011	A	45.559286	-119.190561		
546	100	0	GRAP	GRASS				4/10/2011	FEATHER	45.558792	-119.188581		
547	1500	14	PRONGHORN ANTELOPE	GRASS	4 M 10F			4/10/2011	V	45.558601	-119.187542		
548	500	1	CORA	GRASS				4/10/2011	V	45.558605	-119.187544		
549	100	5	HOLA	GRASS				4/10/2011	A	45.558382	-119.186110		
550	200	3	WEME	GRASS				4/10/2011	AV	45.558381	-119.186110		
551	500	1	NOHA	GRASS	ADULT	F		4/10/2011	V	45.558482	-119.184841		
552	500	1	SAVS	GRASS				4/10/2011	A	45.558483	-119.184842		
553	0	1	BADGER	GRASS				4/10/2011	V	45.557786	-119.180265		
553	100	1	NOHA	GRASS		M		4/10/2011	V	45.557599	-119.178764		
553	100	6	HOLA	GRASS				4/10/2011	AV	45.557576	-119.178711		
553	250	1	WEME	GRASS				4/10/2011	A	45.557576	-119.178712		
553	250	1	SAVS	GRASS				4/10/2011	A	45.557574	-119.178705		
555	200	0	GRAP	GRASS				4/10/2011	FEATHERS	45.557223	-119.177334		
556	1000	1	RTHA	GRASS				4/10/2011	V	45.557248	-119.175989		
557	200	6	HOLA	GRASS				4/10/2011	AV	45.556881	-119.173352		
558	500	3	WEME	GRASS				4/10/2011	A	45.556431	-119.173530		
559	200	2	WEME	GRASS				4/10/2011	A	45.556163	-119.166089		
559	100	5	HOLA	GRASS				4/10/2011	AV	45.556162	-119.166092		
560	0	120	SACR	AG				4/10/2011	AV	45.557111	-119.174492	SEEN FLYING AT MIGRATION HEIGHT LOOKING TO LAND	
600	0	1	NOHA	AG		F		4/11/2011	V	45.612491	-119.404468		
601	1500	1	NOHA	AG		M		4/11/2011	V	45.612016	-119.403679		
602	750	1	WEME	AG				4/11/2011	A	45.612017	-119.403672		
603	250	1	HOLA	AG				4/11/2011	A	45.612017	-119.403672		
604	250	1	LBCU	AG				4/11/2011	V	45.612383	-119.400815		X
605	100	3	HOLA	AG				4/11/2011	AV	45.612369	-119.392196		
606	250	6	HOLA	AG				4/11/2011	AV	45.608735	-119.386288		
607	0	1	RLHA	SHRUB STEPPE				4/11/2011	V	45.602896	-119.380874		
608	250	2	WEME	AG				4/11/2011	A	45.602891	-119.380884		
609	500	2	HOLA	AG				4/11/2011	A	45.602888	-119.380889		
609	0	2	GRAP	GRASS				4/11/2011	V	45.555552	-119.161539		
609	100	5	HOLA	GRASS				4/11/2011	AV	45.555560	-119.161534		
613	50	3	HOLA	GRASS				4/12/2011	AV	45.550267	-119.134870		
620	100	2	WEME	GRASS				4/12/2011	A	45.543606	-119.127129		
621	100	2	HOLA	GRASS				4/12/2011	A	45.543606	-119.127130		
700	500	1	VESP	GRASS				4/12/2011	A	45.542585	-119.125274		
701	0	1	SATH	GRASS				4/12/2011	V	45.545117	-119.122900		X
703	0	3	HOLA	GRASS				4/12/2011	AV	45.541557	-119.123956		
704	250	1	WEME	GRASS				4/12/2011	A	45.541565	-119.123961		
705	200	1	VOLE	GRASS				4/12/2011	DEAD	45.540572	-119.123141		
706	250	3	HOLA	GRASS				4/12/2011	AV	45.540573	-119.123146		
707	200	3	WEME	GRASS				4/12/2011	A	45.538752	-119.123100		
707	250	50	HOLA	GRASS				4/12/2011	AV	45.538751	-119.123098		
708	200	1	WEME	GRASS				4/12/2011	V	45.538062	-119.116612		
709	100	5	HOLA	GRASS				4/12/2011	AV	45.538113	-119.116593		
710	100	4	HOLA	AG				4/12/2011	A	45.538305	-119.112316		
711	500	1	WEME	AG				4/12/2011	A	45.538305	-119.112317		
712	250	1	CORA	AG				4/12/2011	V	45.537445	-119.108676		
713	250	2	HOLA	AG				4/12/2011	AV	45.537445	-119.108667		
714	350	1	SAVS	AG				4/12/2011	AV	45.538123	-119.100088		
715	500	1	WEME	AG				4/12/2011	A	45.538125	-119.100089		
716	0	2	LBCU	AG				4/12/2011	AV	45.537482	-119.092256		X
717	0	2	HOLA	GRASS				4/12/2011	AV	45.536701	-119.090572		
719	500	1	NOHA	AG		F		4/12/2011	V	45.536679	-119.090051		
720	0	2	CORA	AG				4/12/2011	V	45.536684	-119.090043		
722	0	1	LBCU	CRP				4/12/2011	V	45.537209	-119.079345		X
723	200	2	SAVS	CRP				4/12/2011	A	45.537208	-119.079346		
724	250	1	HOLA	AG				4/12/2011	A	45.537208	-119.079347		
725	500	2	WEME	CRP				4/12/2011	A	45.537206	-119.079347		
726	0	1	RLHA	CRP				4/12/2011	V	45.537206	-119.079347		
727	250	2	RNEP	CRP		MF		4/12/2011	V	45.536644	-119.077109		
728	100	0	OWL	SHRUB STEPPE				4/12/2011	FEATHER	45.536648	-119.076919		
729	50	2	SAVS	GRASS				4/12/2011	A	45.536801	-119.074039		
730	0	1	SEOW	GRASS				4/12/2011	V	45.536707	-119.072954	JUMPED FROM NEST	
730	500	1	WEME	GRASS				4/12/2011	A	45.536707	-119.072954		
732	100	2	SAVS	GRASS				4/12/2011	AV	45.536648	-119.072282		
733	200	1	WEME	GRASS				4/12/2011	V	45.537013	-119.068513		
734	0	2	HOLA	GRASS				4/12/2011	V	45.537017	-119.068514		
736	50	1	WEME	GRASS				4/12/2011	A	45.534693	-119.065696		
738	0	1	SAVS	GRASS				4/12/2011	AV	45.533233	-119.064833		
739	0	1	HOLA	GRASS				4/12/2011	V	45.530641	-119.063100		
740	50	1	SAVS	GRASS				4/12/2011	A	45.530637	-119.063103		

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741	100	2	WEME	GRASS				4/12/2011	VA	45.530639	-119.063100		
750	0	2	RTHA	GRASS				4/12/2011	V	45.539641	-119.054913		
751	500	1	RNEP	GRASS				4/12/2011	A	45.539637	-119.054916		
752	0	10	BRBL	GRASS		3F 7M		4/12/2011	V	45.537029	-119.054733		
753	250	2	WEME	GRASS				4/12/2011	AV	45.537027	-119.054730		
754	0	3	WHITE-TAILED DEER	GRASS				4/12/2011	V	45.537027	-119.054732		
755	50	3	HOLA	GRASS				4/12/2011	V	45.536667	-119.052395		
755	500	1	SAVS	GRASS				4/12/2011	A	45.536539	-119.051223		
756	200	2	WEME	GRASS				4/12/2011	A	45.536546	-119.051205		
757	100	1	SEOW-NEST	GRASS				4/12/2011	V	45.536684	-119.047841	SEOW JUMPED FROM NEST 4 EGGS	
758	100	1	SEOW	GRASS				4/12/2011	V	45.536704	-119.046952		
759	1500	1	LBCU	GRASS				4/12/2011	VA	45.536647	-119.046931		X
760	0	2	SAVS	GRASS				4/12/2011	VA	45.536655	-119.046919		
762	1000	1	NOHA	GRASS		M		4/12/2011	V	45.536558	-119.045566		
763	100	3	HOLA	GRASS				4/12/2011	V	45.536572	-119.041961		
763	500	1	WEME	GRASS				4/12/2011	A	45.536572	-119.041963		
764	100	1	VESP	GRASS				4/12/2011	V	45.536570	-119.041696		
765	200	12	HOLA	GRASS				4/12/2011	AV	45.537192	-119.037698		
768	200	1	GRAP	GRASS				4/12/2011	V	45.536996	-119.034615		
769	250	0	SEOW-NEST	GRASS				4/12/2011	NEST	45.536630	-119.031924	8 EGGS	
770	0	2	SEOW	GRASS				4/12/2011	V	45.536630	-119.031924		
771	750	1	AMKE	GRASS				4/12/2011	V	45.535042	-119.034680		
773	50	1	HOLA	GRASS				4/12/2011	V	45.533844	-119.041318		
774	50	10	SAVS	GRASS				4/12/2011	V	45.533837	-119.041320		
777	50	1	SAVS	GRASS				4/12/2011	V	45.534681	-119.049921		
778	0	1	RNEP	GRASS				4/12/2011	V	45.539418	-119.050520		
779	200	1	WEME	GRASS				4/12/2011	A	45.540947	-119.051655		
780	1000	1	OWL	TREE				4/12/2011	NEST	45.540953	-119.053098	NEST	
781	0	1	GHOW-NEST	TREE				4/12/2011	V	45.541559	-119.054785	25FT HIGH 1CHICK VISIBLE MAYBE 2	
1	0	1	HOLA	SHRUB				5/10/2011	V	43.351969	-116.653270		
1	50	2	WEME	SAGE SCRUB				5/10/2011	A	43.352439	-116.655822		
1	100	3	WEME	SHRUB STEPPE				5/10/2011	AV	43.849027	-117.279833		
2	0	3	WEME	SHRUB				5/10/2011	AV	43.351975	-116.653257		
2	500	2	HOLA	GRASS				5/10/2011	A	43.849028	-117.279831		
3	50	1	MOBL	SHRUB		M		5/10/2011	V	43.351979	-116.653250		
3	200	1	SNAKE	SHRUB STEPPE				5/10/2011	VA	43.849026	-117.279834	BIEGE COLORED	
4	1000	1	RTHA	SHRUB				5/10/2011	V	43.351980	-116.653250		
4	0	1	GOEA	GRASS				5/10/2011	V	43.849039	-117.279804		
5	0	3	LASP	SHRUB				5/10/2011	AV	43.351977	-116.653254		
5	0	1	PRFA	SHRUB STEPPE				5/10/2011	V	43.849034	-117.279808		X
6	0	5	JACKRABBIT	SHRUB				5/10/2011	V	43.354361	-116.652347		
7	0	3	MODO	SHRUB				5/10/2011	V	43.354354	-116.652330		
7	0	1	CORA	SHRUB STEPPE				5/10/2011	V	43.848767	-117.281861		
8	0	2	BBMA	SHRUB				5/10/2011	V	43.354355	-116.652327		
8	250	4	WEME	GRASS				5/10/2011	A	43.849156	-117.286168		
8	0	1	LBCU	GRASS				5/10/2011	V	43.849157	-117.286173		X
9	0	2	BRSP	SHRUB				5/10/2011	VA	43.354348	-116.652333		
9	0	1	SNAKE	GRASS				5/10/2011	V	43.849158	-117.286177	BIEGE COLORED	
10	0	2	LASP	SHRUB				5/10/2011	AV	43.354349	-116.652332		
10	100	3	HOLA	GRASS				5/10/2011	AV	43.849158	-117.286177		
11	0	2	CAQU	SHRUB				5/10/2011	VA	43.354350	-116.652331		
11	0	6	SNAKE	GRASS				5/10/2011	V	43.849201	-117.286258	BIEGE COLORED APPEARS MIGRATORY	
12	500	1	MALL	SHRUB				5/10/2011	V	43.354349	-116.652331		
12	0	1	SNAKE	GRASS				5/10/2011	V	43.849185	-117.291199	BIEGE COLORED	
13	800	2	CAGU	SHRUB				5/10/2011	VA	43.354350	-116.652330		
13	150	3	HOLA	GRASS				5/10/2011	A	43.848938	-117.291014		
14	0	1	BANS	SHRUB				5/10/2011	V	43.354352	-116.652329		
14	250	2	WEME	GRASS				5/10/2011	A	43.367220	-116.688356		
14	250	2	WEME	GRASS				5/10/2011	A	43.848926	-117.291028		
15	0	1	CLSW	SHRUB				5/10/2011	V	43.354351	-116.652329		
15	500	2	LBCU	GRASS				5/10/2011	VA	43.367288	-116.686211		X
15	100	6	HOLA	GRASS				5/10/2011	VA	43.850268	-117.298469		
16	500	1	CORA	SHRUB				5/10/2011	V	43.354358	-116.652332		
16	100	2	WEME	GRASS				5/10/2011	A	43.367669	-116.693208		
16	250	1	CORA	GRASS				5/10/2011	V	43.850276	-117.298460		
17	0	1	WHITE-TAILED ANTELOPE SQUIRREL	SHRUB				5/10/2011	V	43.353563	-116.654261		
17	0	1	JACKRABBIT	GRASS				5/10/2011	V	43.367731	-116.693029		
17	250	3	WEME	GRASS				5/10/2011	VA	43.850403	-117.299407		
19	600	1	WEME	SHRUB				5/10/2011	A	43.353311	-116.661947		
19	100	1	LASP	SHRUB STEPPE				5/10/2011	AV	43.849689	-117.301767		
20	0	11	ROPI	SHRUB				5/10/2011	V	43.353831	-116.661674		
20	250	3	CORA	SHRUB				5/10/2011	VA	43.373491	-116.715231		
20	0	3	HOLA	SHRUB STEPPE				5/10/2011	VA	43.849691	-117.301769		
21	300	1	RNEP	SHRUB				5/10/2011	A	43.353838	-116.661676		

ID	DIST	QUANT	SPECIES	HABITAT	AGE	GENDER	PHOTO	DATE	OBSTYPE	LAT	LONG	COMMENTS	SSS
21	0	2	BBMA	RIPARIAN				5/10/2011	A	43.355762	-116.662754		
21	100	2	WEME	SHRUB STEPPE				5/10/2011	AV	43.849690	-117.301769		
22	0	1	HOLA	AG				5/10/2011	A	43.355774	-116.662762		
22	100	6	HOLA	GRASS				5/10/2011	VA	43.850518	-117.304596		
23	50	5	RWBL	RIPARIAN				5/10/2011	AV	43.355775	-116.662763		
23	0	1	LBCU	GRASS				5/10/2011	V	43.850589	-117.305788		X
23	0	2	WCSP	SHRUB STEPPE				5/10/2011	V	43.851678	-117.313252		
24	0	1	MALL	RIPARIAN				5/10/2011	V	43.355775	-116.662764		
24	100	2	WEME	SHRUB				5/10/2011	A	43.373966	-116.713893		
24	0	1	COYOTE	SHRUB			PIC	5/10/2011	V	43.374164	-116.713433	COYOTE DIGGING FOR GROUND SQUIRREL	
25	200	1	YWAR	RIPARIAN				5/10/2011	V	43.355775	-116.662766		
25	100	1	RTHA	GRASS				5/10/2011	V	43.851680	-117.313270		
26	200	1	BUOR	RIPARIAN				5/10/2011	V	43.355777	-116.662765		
26	0	1	WHITE-TAILED DEER	SHRUB				5/10/2011	V	43.374655	-116.712382		
26	0	2	CORA	GRASS				5/10/2011	V	43.851581	-117.316317		
26	50	2	SNAKE	GRASS				5/10/2011	V	43.851581	-117.316314	BIEGE COLORED	
27	0	4	ECDO	RIPARIAN				5/10/2011	V	43.355777	-116.662766		
27	50	2	HOLA	SHRUB				5/10/2011	VA	43.376077	-116.709968		
28	0	1	WEME	AG				5/10/2011	A	43.355778	-116.662766		
28	50	1	LASP	SHRUB				5/10/2011	VA	43.373320	-116.715190		
29	0	1	SOSP	RIPARIAN				5/10/2011	V	43.355776	-116.662766		
29	250	1	RTHA	GRASS				5/10/2011	V	43.852291	-117.320682		
30	0	1	CAQU	AG				5/10/2011	AV	43.355773	-116.662766		
31	50	1	BARS	AG				5/10/2011	V	43.355773	-116.662767		
31	100	5	HOLA	GRASS				5/10/2011	AV	43.851810	-117.324940		
32	0	1	AMRO	RIPARIAN				5/10/2011	V	43.355780	-116.662778		
33	0	3	CLSW	RIPARIAN				5/10/2011	V	43.355779	-116.662780		
33	100	8	HOLA	GRASS				5/10/2011	AV	43.852832	-117.334537		
34	0	3	BARS	SHRUB				5/10/2011	V	43.358516	-116.664904		
34	750	1	PRFA	GRASS				5/10/2011	V	43.854050	-117.336822		X
35	0	4	WEME	SHRUB				5/10/2011	A	43.358528	-116.664889		
35	150	6	HOLA	GRASS				5/10/2011	AV	43.856602	-117.345153		
36	1200	1	COYOTE	GRASS				5/10/2011	V	43.856624	-117.345234		
38	800	1	LBCU	SHRUB				5/10/2011	A	43.360770	-116.666629		X
38	0	1	SAVS	GRASS				5/10/2011	V	43.857078	-117.347411		
39	0	1	CORA	SHRUB				5/10/2011	V	43.360764	-116.666629		
40	0	3	WEME	SHRUB				5/10/2011	A	43.362467	-116.668819		
41	5	1	BADGER-DEN	SHRUB				5/10/2011	V	43.362488	-116.668657		
42	300	1	WEME	SHRUB				5/10/2011	A	43.367095	-116.677680		
43	0	9	BARS	SHRUB				5/10/2011	V	43.367098	-116.677691		
44	0	2	HOLA	SHRUB				5/10/2011	AV	43.367603	-116.681970		
44	1000	1	NOHA	SHRUB				5/10/2011	V	43.369543	-116.689717		
45	75	3	WEME	SHRUB				5/10/2011	A	43.368084	-116.683980		
45	0	2	BARS	SHRUB				5/10/2011	V	43.368086	-116.683980		
45	0	1	CORA	SHRUB				5/10/2011	AV	43.369542	-116.689718		
46	50	3	WEME	SHRUB				5/10/2011	A	43.369541	-116.689711		
47	0	1	AMKE	SHRUB				5/10/2011	V	43.370367	-116.695809		
48	25	3	WEME	SHRUB				5/10/2011	AV	43.370369	-116.695809		
49	100	2	HOLA	SHRUB				5/10/2011	V	43.370371	-116.695805		
50	0	1	BADGER-DEN	SHRUB				5/10/2011	V	43.370453	-116.696073		
1561	250	2	WEME	SHRUB				5/10/2011	A	43.863865	-117.368784		
35	0	1	RTHA	GRASS				5/11/2011	V	43.859310	-117.354315		
40	0	5	HOLA	GRASS				5/11/2011	AV	43.857773	-117.349857		
41	300	8	COYOTE	GRASS	1 ADULT 7 PUPS			5/11/2011	DEN	43.859892	-117.357270		
42	150	10	HOLA	GRASS				5/11/2011	AV	43.859900	-117.357264		
43	2000	2	RTHA	GRASS				5/11/2011	V	43.859902	-117.357261		
44	500	1	PRFA	GRASS				5/11/2011	V	43.859899	-117.357265		X
45	1500	3	COYOTE	GRASS				5/11/2011	V	43.860812	-117.359504		
100	0	6	HOLA	GRASS				5/11/2011	VA	43.369210	-116.695605		
100	1000	2	LBCU	SHRUB				5/11/2011	A	43.370487	-116.697050		X
100	400	2	BUOW	GRASS				5/11/2011	V	43.861389	-117.361040	NESTING PAIR NEST NOT LOCATED	X
101	50	3	WEME	GRASS				5/11/2011	AV	43.369207	-116.695610		
101	250	1	GRSP	SHRUB				5/11/2011	A	43.370486	-116.697053		X
101	100	6	HOLA	GRASS				5/11/2011	V	43.860399	-117.360460		
102	0	2	LBCU	GRASS				5/11/2011	VA	43.369315	-116.695388		X
102	300	4	WEME	SHRUB				5/11/2011	AV	43.370700	-116.699938		
102	50	1	SAVS	SHRUB STEPPE				5/11/2011	V	43.860581	-117.362801		
103	1	1	RTHA	GRASS				5/11/2011	V	43.369293	-116.695427		
103	300	3	HOLA	SHRUB				5/11/2011	A	43.370697	-116.699941		
103	200	4	HOLA	GRASS				5/11/2011	VA	43.861005	-117.365611		
104	100	3	MALL					5/11/2011	VA	43.369293	-116.695426		
104	200	1	GOPHER SNAKE	GRASS				5/11/2011	V	43.861452	-117.367525		
105	500	3	CORA	GRASS				5/11/2011	A	43.369294	-116.695426		
105	500	1	BBMA	SHRUB STEPPE				5/11/2011	V	43.861451	-117.367611		
106	0	1	HORNED LIZARD	SHRUB				5/11/2011	V	43.380873	-116.713700		

ID	DIST	QUANT	SPECIES	HABITAT	AGE	GENDER	PHOTO	DATE	OBSTYPE	LAT	LONG	COMMENTS	SSS
106	25	6	HOLA	SHRUB				5/11/2011	VA	43.380888	-116.713663		
106	0	2	BRBL	SHRUB STEPPE				5/11/2011	VA	43.862075	-117.368814		
107	50	5	HOLA	SHRUB				5/11/2011	AV	43.371494	-116.702650		
107	50	5	WEME	SHRUB				5/11/2011	VA	43.380892	-116.713665		
107	0	10	BRBL	SHRUB STEPPE				5/11/2011	V	43.862547	-117.370347		
108	700	3	MULE DEER	SHRUB				5/11/2011	V	43.371557	-116.702865		
108	250	20	CORA	SHRUB				5/11/2011	VA	43.380779	-116.713700		
108	0	1	LASP	SHRUB				5/11/2011	VA	43.381508	-116.716808		
108	0	1	RWBL	SHRUB STEPPE				5/11/2011	V	43.862549	-117.370339		
109	0	1	BTSP	SHRUB				5/11/2011	AV	43.371560	-116.702854		X
109	100	2	CHUK	SHRUB				5/11/2011	V	43.381751	-116.715186		
109	0	1	SATH	SHRUB STEPPE				5/11/2011	VA	43.862558	-117.370331		X
110	0	1	BTSP	SHRUB				5/11/2011	AV	43.371966	-116.703615		X
110	50	50	WEME	SHRUB				5/11/2011	AV	43.386738	-116.730516		
110	500	2	WEME	SHRUB STEPPE				5/11/2011	A	43.862558	-117.370329		
111	30	1	HOLA	SHRUB				5/11/2011	A	43.371978	-116.703610		
111	50	1	SWHA	SHRUB				5/11/2011	V	43.386735	-116.730521		X
112	20	1	LIZARD	SHRUB				5/11/2011	V	43.373388	-116.704828		
112	250	1	AMKE	SHRUB				5/11/2011	V	43.386735	-116.730520		
112	0	2	OCWA	SHRUB STEPPE				5/11/2011	VA	43.862399	-117.371197		
112	50	1	MOUNTAIN COTTONTAIL	SHRUB STEPPE				5/11/2011	V	43.862745	-117.370873		
113	0	1	VOLE	SHRUB				5/11/2011	V	43.373390	-116.704828		
113	50	3	VESP	SHRUB				5/11/2011	A	43.386735	-116.730520		
113	0	5	SWALLOW	SHRUB STEPPE				5/11/2011	V	43.862401	-117.371198	MIX	
113	0	2	LASP	SHRUB STEPPE				5/11/2011	VA	43.862401	-117.371193		
114	50	1	LOSH	SHRUB				5/11/2011	V	43.373382	-116.704837		X
114	250	2	CHUK	SHRUB				5/11/2011	A	43.386736	-116.730516		
114	1000	1	PRFA	GRASS				5/11/2011	V	43.862461	-117.372368		X
115	250	1	POCKET MOUSE	SHRUB				5/11/2011	CARCASS	43.374155	-116.705077		
115	200	10	CAGU	SHRUB				5/11/2011	AV	43.386733	-116.730517		
115	750	1	FEHA	GRASS				5/11/2011	V	43.862451	-117.372359		X
115	0	2	FEHA	GRASS				5/11/2011	V	43.862452	-117.372356		X
116	100	1	BTSP	SHRUB				5/11/2011	AV	43.374147	-116.705071		X
116	0	1	BRSP	SHRUB				5/11/2011	V	43.387336	-116.730119		
116	0	1	TUVU	SHRUB				5/11/2011	V	43.387644	-116.730566		
117	500	2	WEME	SHRUB				5/11/2011	A	43.374147	-116.705069		
117	50	3	WEME	SHRUB				5/11/2011	VA	43.386147	-116.728223		
117	50	4	VESP	SHRUB				5/11/2011	A	43.386151	-116.728223		
118	150	4	WEME	SHRUB				5/11/2011	AV	43.375263	-116.708071		
118	50	1	HOLA	SHRUB				5/11/2011	A	43.387963	-116.727504		
118	400	1	COYOTE	RIDGE				5/11/2011	V	43.862586	-117.373119		
119	0	1	FEHA	SHRUB				5/11/2011	V	43.387942	-116.727524		X
119	0	1	CORA	GRASS				5/11/2011	V	43.862585	-117.373121		
120	1000	3	CORA	SHRUB				5/11/2011	AV	43.376385	-116.709171		
120	0	1	CORA	SHRUB				5/11/2011	VA	43.387947	-116.727514		
120	100	3	HOLA	SHRUB STEPPE				5/11/2011	VA	43.863598	-117.375010		
121	25	1	LASP	SHRUB				5/11/2011	V	43.376384	-116.709170		
121	0	5	BRSP	SHRUB				5/11/2011	A	43.387969	-116.727524		
122	0	2	HOLA	SHRUB				5/11/2011	AV	43.376447	-116.708962		
122	100	1	DESERT HORNED LIZARD	GRASS				5/11/2011	V	43.863904	-117.377400		
123	40	2	AMKE	SHRUB				5/11/2011	V	43.376449	-116.708964		
123	50	3	BRSP	SHRUB				5/11/2011	A	43.406006	-116.751391		
123	100	6	HOLA	GRASS				5/11/2011	VA	43.865498	-117.380410		
124	25	3	WEME	SHRUB				5/11/2011	A	43.406006	-116.751391		
124	0	1	LBCU	GRASS				5/11/2011	V	43.866392	-117.383618		X
125	200	3	WEME	SHRUB				5/11/2011	A	43.377979	-116.709829		
125	0	2	LASP	SHRUB				5/11/2011	V	43.406006	-116.751390		
125	0	1	TUVU	GRASS				5/11/2011	V	43.866382	-117.383622		
126	200	3	HOLA	SHRUB				5/11/2011	VA	43.377982	-116.709839		
126	0	1	LONGNOSE LEOPARD LIZARD	GRASS				5/11/2011	V	43.865829	-117.384430		
127	0	1	MOUNTAIN COTTONTAIL	SHRUB				5/11/2011	V	43.404046	-116.750323		
127	150	3	HOLA	GRASS				5/11/2011	VA	43.866435	-117.387262		
128	0	1	ROWR	SHRUB				5/11/2011	VA	43.379839	-116.715913		
128	0	2	CORA	SHRUB				5/11/2011	VA	43.403477	-116.749909		
128	200	1	CHUK	SHRUB				5/11/2011	A	43.403479	-116.749907		
128	50	2	WEME	SHRUB STEPPE				5/11/2011	V	43.867726	-117.388365		
129	400	1	RTHA	SHRUB				5/11/2011	V	43.379840	-116.715913		
129	1	50	WEME	SHRUB				5/11/2011	A	43.403479	-116.749907		
130	400	1	CORA	SHRUB				5/11/2011	V	43.380261	-116.717007		
130	25	5	ROWR	SHRUB				5/11/2011	AV	43.400461	-116.750102		
130	1	50	BRSP	SHRUB				5/11/2011	A	43.403479	-116.749906		
130	1500	2	LBCU	GRASS				5/11/2011	VA	43.867728	-117.388355		X
131	100	1	WESTERN FENCE LIZARD	SHRUB				5/11/2011	V	43.380260	-116.717005		
131	100	5	CORA	SHRUB				5/11/2011	VA	43.400462	-116.750096		

ID	DIST	QUANT	SPECIES	HABITAT	AGE	GENDER	PHOTO	DATE	OBSTYPE	LAT	LONG	COMMENTS	SSS
131	0	1	CORA	SHRUB				5/11/2011	V	43.402428	-116.761307		
131	0	1	SNAKE	SHRUB STEPPE				5/11/2011	V	43.867826	-117.388397	BIEGE COLORED	
132	200	3	ROWR	SHRUB				5/11/2011	A	43.402386	-116.761653		
133	200	4	ROWR	SHRUB				5/11/2011	A	43.380260	-116.717005		
133	0	2	WEME	SHRUB				5/11/2011	A	43.402490	-116.761923		
133	0	2	BRSP	SHRUB				5/11/2011	VA	43.402497	-116.761924		
134	0	2	RTHA	SHRUB				5/11/2011	V	43.380665	-116.718145		
134	150	1	BUOW-NEST	SHRUB				5/11/2011	V	43.401931	-116.762430	FLUSHED BIRD THEN FOUND NEST	X
134	500	1	RTHA	SHRUB				5/11/2011	V	43.403382	-116.763920		
135	100	1	WESTERN FENCE LIZARD	SHRUB				5/11/2011	V	43.380663	-116.718150		
135	100	2	WEME	SHRUB				5/11/2011	A	43.403383	-116.763919		
136	0	4	CORA	SHRUB				5/11/2011	V	43.380670	-116.718149		
136	20	1	WCSP	SHRUB				5/11/2011	V	43.403402	-116.763898		
136	50	1	LASP	SHRUB				5/11/2011	V	43.403869	-116.764778		
137	100	3	ROWR	SHRUB				5/11/2011	A	43.381736	-116.719975		
137	50	2	BRSP	SHRUB				5/11/2011	V	43.404317	-116.765428		
137	250	1	SAGEBRUSH LIZARD	DRAW				5/11/2011	V	43.867819	-117.389618		X
138	10	1	LIZARD					5/11/2011		43.404702	-116.766040	BLACK COLORED	
138	250	1	SIDE-BLOTCHED LIZARD	DRAW				5/11/2011	V	43.867817	-117.389618		
139	0	5	CHSP	SHRUB				5/11/2011	VA	43.382330	-116.721098		
139	0	1	HORNED LIZARD	SHRUB				5/11/2011	V	43.415651	-116.774354		
139	250	1	NOHA	SHRUB STEPPE		F		5/11/2011	V	43.867834	-117.388789		
140	500	2	CORA	SHRUB				5/11/2011	VA	43.382346	-116.721087		
140	150	1	SATH	SHRUB				5/11/2011	V	43.416467	-116.774577		X
140	100	7	HOLA	GRASS				5/11/2011	VA	43.870448	-117.390854		
141	250	2	ROWR	SHRUB				5/11/2011	A	43.416474	-116.774580		
141	250	2	LBCU	GRASS				5/11/2011	V	43.871323	-117.391879		X
142	500	1	CORA	SHRUB				5/11/2011	V	43.416474	-116.774580		
142	100	2	WEME	SHRUB				5/11/2011	VA	43.417175	-116.775691		
142	500	2	BUOW	GRASS				5/11/2011	V	43.872968	-117.392647		X
143	200	1	ROWR	SHRUB				5/11/2011	A	43.383115	-116.722415		
143	100	2	ROWR	SHRUB				5/11/2011	VA	43.417411	-116.775716		
144	0	1	VOLE	SHRUB				5/11/2011	V	43.384130	-116.724481		
144	0	1	CORA	SHRUB				5/11/2011	V	43.417411	-116.775715		
144	25	1	JACKRABBIT	SHRUB				5/11/2011	V	43.418253	-116.775899		
144	100	5	HOLA	GRASS				5/11/2011	VA	43.873858	-117.396594		
145	300	1	OSPR	SHRUB				5/11/2011	VA	43.418867	-116.776027		
145	500	2	WEME	SHRUB STEPPE				5/11/2011	A	43.873860	-117.396600		
146	300	2	RTHA	SHRUB				5/11/2011	V	43.418885	-116.776010		
146	1000	1	RTHA	SHRUB STEPPE				5/11/2011	V	43.873789	-117.396489		
147	0	1	COYOTE	SHRUB				5/11/2011	DEAD PUP	43.384337	-116.725218		
147	50	3	WEME	SHRUB				5/11/2011	AV	43.417586	-116.778814		
147	100	2	ROWR	SHRUB				5/11/2011	A	43.417588	-116.778814		
147	0	1	GOEA	SHRUB STEPPE	JUV			5/11/2011	V	43.873785	-117.396476		
148	250	1	COYOTE	SHRUB				5/11/2011	DEN	43.384461	-116.725010		
148	100	3	HOLA	GRASS				5/11/2011	V	43.879924	-117.406058		
149	1000	20	AWPE	SHRUB				5/11/2011	V	43.384787	-116.725555		X
149	50	1	LBCU-NEST	GRASS				5/11/2011	V	43.880763	-117.406787	4 EGGS ADULT ON NEST	X
149	0	2	LBCU	GRASS				5/11/2011	V	43.883593	-117.409943		X
150	50	1	BTSP	SHRUB				5/11/2011	V	43.384524	-116.726382		X
150	250	1	WEME	GRASS				5/11/2011	A	43.884342	-117.411623		
151	250	1	LONGNOSE LEOPARD LIZARD	GRASS				5/11/2011	V	43.885763	-117.414476		
152	100	4	WEME	SHRUB				5/11/2011	VA	43.384512	-116.726382		
152	1500	2	PRONGHORN ANTELOPE	GRASS		F		5/11/2011	V	43.885985	-117.416288		
153	100	1	ROWR	SHRUB				5/11/2011	A	43.384514	-116.726382		
153	0	1	LBCU	GRASS				5/11/2011	V	43.885986	-117.416288		X
153	0	2	SAVS	GRASS				5/11/2011	V	43.888714	-117.417720		
154	150	5	HOLA	GRASS				5/11/2011	VA	43.888713	-117.417720		
155	50	2	WEME	SHRUB				5/11/2011	V	43.385375	-116.727922		
155	100	1	GOPHER SNAKE	GRASS	JUV			5/11/2011	V	43.891881	-117.421599		
156	50	5	WEME	SHRUB				5/11/2011	VA	43.386217	-116.729815		
156	100	2	RTHA	GRASS				5/11/2011	V	43.891883	-117.421597		
156	750	2	WEME	GRASS				5/11/2011	A	43.893645	-117.423557		
157	400	2	CHUK	SHRUB				5/11/2011	A	43.386225	-116.729817		
158	700	3	WEME	SHRUB				5/11/2011	A	43.386179	-116.729973		
158	0	3	HOLA	GRASS				5/11/2011	V	43.897906	-117.429114		
159	300	2	ROWR	SHRUB				5/11/2011	A	43.389103	-116.737205		
160	400	2	WEME	SHRUB				5/11/2011	A	43.389121	-116.737213		
161	200	2	CORA	SHRUB				5/11/2011	AV	43.390012	-116.737984		
162	300	2	MODO	SHRUB				5/11/2011	AV	43.390017	-116.738044		
163	500	2	ROWR	SHRUB				5/11/2011	A	43.390987	-116.738722		
164	300	3	WEME	SHRUB				5/11/2011	AV	43.390983	-116.738720		
164	300	3	CHUK	SHRUB				5/11/2011	A	43.390986	-116.738720		
165	800	1	BBMA	SHRUB				5/11/2011	V	43.390985	-116.738723		

ID	DIST	QUANT	SPECIES	HABITAT	AGE	GENDER	PHOTO	DATE	OBSTYPE	LAT	LONG	COMMENTS	SSS
166	100	1	BRUSHY-TAILED WOODRAT	SHRUB				5/11/2011	V	43.390985	-116.738724		
167	0	2	CHUK	SHRUB				5/11/2011	VA	43.392481	-116.740610		
168	500	1	CAQU	SHRUB				5/11/2011	A	43.392476	-116.740603		
168	1000	3	ROPI	SHRUB				5/11/2011	V	43.392477	-116.740605		
169	0	3	ROWR	SHRUB				5/11/2011	A	43.392476	-116.740602		
170	600	1	WEME	SHRUB				5/11/2011	A	43.393399	-116.742379		
529	400	2	WEME	GRASS				5/11/2011	V	43.590197	-117.081879		
530	200	3	WEME	GRASS				5/11/2011	A	43.588959	-117.079020		
531	500	5	CLSW	GRASS				5/11/2011	V	43.588981	-117.079037		
1128	0	9	VGSW	GRASS				5/11/2011	V	43.583861	-117.066603		
1129	50	1	WEME	SHRUB				5/11/2011	A	43.583860	-117.066603		
1130	0	9	CLSW	GRASS				5/11/2011	V	43.584092	-117.066636		
1131	0	5	NRWS	GRASS				5/11/2011	V	43.584384	-117.066507		
1132	0	24	VGSW	GRASS				5/11/2011	VA	43.584384	-117.066506		
1134	250	2	WEME	SHRUB				5/11/2011	A	43.585539	-117.067361		
1135	100	1	LAZB	SHRUB				5/11/2011	A	43.586821	-117.069269		
1136	500	1	KILL	SHRUB				5/11/2011	A	43.586822	-117.069269		
1137	0	2	MALL	SHRUB				5/11/2011	V	43.586556	-117.071387		
1138	0	2	CORA	SHRUB				5/11/2011	A	43.586555	-117.071385		
1139	0	20	ROPI	SHRUB				5/11/2011	V	43.586528	-117.071890		
200	150	4	CAQU	SHRUB				5/12/2011	VA	43.467856	-116.876531		
200	0	4	BRSP	SHRUB STEPPE				5/12/2011	AV	43.899189	-117.432042		
201	0	1	SNAKE	SHRUB STEPPE				5/12/2011	V	43.396586	-116.746104		
201	0	3	BRSP	SHRUB				5/12/2011	VA	43.467854	-116.876529		
201	0	2	WEME	SAGE				5/12/2011	AV	43.899187	-117.432045		
202	750	2	ROWR	SHRUB STEPPE				5/12/2011	A	43.397616	-116.746953		
202	0	1	WCSP	SHRUB				5/12/2011	V	43.467854	-116.876528		
202	0	1	GROUND SQUIRREL	SAGE				5/12/2011	V	43.899181	-117.432066		
203	250	4	MULE DEER	SHRUB STEPPE				5/12/2011	V	43.397615	-116.746957		
203	300	1	MULE DEER	SHRUB				5/12/2011	V	43.467848	-116.876542		
203	800	3	HOLA	GRASS				5/12/2011	AV	43.898122	-117.431488		
204	0	1	MULE DEER	SHRUB STEPPE				5/12/2011	V	43.399376	-116.748346		
204	200	3	ROWR	SHRUB				5/12/2011	A	43.467845	-116.876537		
204	100	1	CORA	GRASS				5/12/2011	AV	43.897513	-117.432253		
205	500	3	CHUK	SHRUB STEPPE				5/12/2011	VA	43.399368	-116.748359		
205	500	2	CORA	SHRUB				5/12/2011	A	43.467846	-116.876542		
205	100	4	WEME	SHRUB				5/12/2011	AV	43.467847	-116.876540		
205	0	2	GRAP	SAGE				5/12/2011	V	43.897982	-117.433749		
206	750	1	ROWR	SHRUB STEPPE				5/12/2011	A	43.399368	-116.748357		
206	0	3	BRSP	SAGE				5/12/2011	AV	43.899134	-117.433764		
207	500	3	WEME	SHRUB STEPPE				5/12/2011	VA	43.399376	-116.748355		
207	100	1	LAZB	SHRUB				5/12/2011	VA	43.468458	-116.877049		
207	300	1	BLACK-TAILED JACKRABBIT	SAGE				5/12/2011	V	43.901115	-117.433715		
208	0	1	GRFL	SHRUB STEPPE				5/12/2011	V	43.398770	-116.749652		
208	0	6	HOLA	SHRUB				5/12/2011	VA	43.470051	-116.881952		
208	150	2	WEME	SAGE				5/12/2011	A	43.902624	-117.433575		
209	250	2	ROWR	SHRUB STEPPE				5/12/2011	VA	43.398770	-116.749651		
209	250	1	BRSP	SHRUB STEPPE				5/12/2011	VA	43.399218	-116.752045		
209	50	4	WEME	SHRUB				5/12/2011	VA	43.470050	-116.881953		
209	700	1	CORA	SAGE				5/12/2011	AV	43.902624	-117.433579		
210	400	1	LASP	SHRUB STEPPE				5/12/2011	VA	43.399219	-116.752046		
210	75	1	LASP	SHRUB				5/12/2011	VA	43.470050	-116.881953		
210	50	3	WEME	SAGE				5/12/2011	A	43.903563	-117.434446		
211	300	3	WEME	SHRUB STEPPE				5/12/2011	A	43.399221	-116.752052		
211	0	1	BRSP	SHRUB				5/12/2011	VA	43.468954	-116.882240		
211	0	1	GROUND SQUIRREL	SAGE				5/12/2011	V	43.903996	-117.435980		
212	400	4	ROWR	SHRUB STEPPE				5/12/2011	A	43.399221	-116.752052		
212	50	2	HOLA	SHRUB				5/12/2011	VA	43.468949	-116.882253		
212	250	3	WEME	SAGE				5/12/2011	V	43.903991	-117.435988		
213	10	2	BRSP	SHRUB STEPPE				5/12/2011	VA	43.399245	-116.752167		
213	100	3	WEME	SHRUB				5/12/2011	VA	43.468949	-116.882253		
213	0	1	HOLA	SAGE				5/12/2011	AV	43.903999	-117.435996		
214	0	1	AMKE	SHRUB STEPPE		M		5/12/2011	V	43.399309	-116.752261		
214	0	1	LIZARD	SAGE				5/12/2011	V	43.904184	-117.436344		
215	250	1	CHUK	SAGE				5/12/2011	A	43.904269	-117.436420		
216	200	4	WEME	SAGE				5/12/2011	A	43.904990	-117.437082		
217	0	2	ROWR	SHRUB STEPPE				5/12/2011	V	43.400947	-116.754041		
217	150	1	CAQU	SAGE				5/12/2011	A	43.905472	-117.438041		
218	400	2	WCSP	SHRUB STEPPE				5/12/2011	V	43.400937	-116.754536		
219	250	1	GOPHER SNAKE	SAGE				5/12/2011	V	43.905556	-117.439262		
220	100	1	LOSH	SHRUB STEPPE				5/12/2011	V	43.402264	-116.757638		X
220	0	6	HOLA	GRASS				5/12/2011	VA	43.479457	-116.897806		
220	400	1	MODO	SAGE				5/12/2011	A	43.905601	-117.439278		
221	100	2	WEME	SHRUB STEPPE				5/12/2011	VA	43.402323	-116.757743		
221	250	2	WEME	GRASS				5/12/2011	A	43.479456	-116.897803		

ID	DIST	QUANT	SPECIES	HABITAT	AGE	GENDER	PHOTO	DATE	OBSTYPE	LAT	LONG	COMMENTS	SSS
222	0	1	TUVU	SHRUB STEPPE				5/12/2011	V	43.402812	-116.758793		
222	25	6	HOLA	SHRUB				5/12/2011	VA	43.480868	-116.897637		
222	300	1	LONG-NOSED LEOPARD LIZARD	SAGE				5/12/2011	V	43.906558	-117.439231		
223	100	9	BRBL	SHRUB STEPPE				5/12/2011	VA	43.403029	-116.759027		
223	200	3	CAQU	SAGE				5/12/2011	V	43.906549	-117.439257		
224	100	1	ROWR	SHRUB STEPPE				5/12/2011	VA	43.403784	-116.761447		
224	400	2	BLACK-TAILED JACKRABBIT	SAGE				5/12/2011	V	43.907735	-117.438981		
225	0	1	LASP	SHRUB STEPPE				5/12/2011	V	43.403782	-116.761445		
225	250	2	PRONGHORN ANTELOPE	GRASS				5/12/2011	V	43.481771	-116.897030		
225	250	4	WEME	SAGE				5/12/2011	AV	43.908060	-117.439811		
226	500	3	WEME	SHRUB STEPPE				5/12/2011	A	43.403958	-116.762345		
226	25	6	HOLA	GRASS				5/12/2011	VA	43.481772	-116.897030		
227	500	1	SATH	SHRUB STEPPE				5/12/2011	A	43.404298	-116.762823		X
227	1000	2	LBCU	GRASS				5/12/2011	VA	43.483656	-116.894417		X
227	75	2	CAQU	SAGE		M		5/12/2011	V	43.908680	-117.440922		
228	250	1	LASP	SHRUB STEPPE				5/12/2011	A	43.404296	-116.762816		
228	0	8	HOLA	GRASS				5/12/2011	VA	43.483657	-116.894416		
228	20	2	MODO	SAGE				5/12/2011	AV	43.908427	-117.440815		
229	500	1	BRSP	SHRUB STEPPE				5/12/2011	A	43.404293	-116.762815		
229	50	6	HOLA	GRASS				5/12/2011	VA	43.484942	-116.894574		
229	150	5	GROUND SQUIRREL	SAGE				5/12/2011	V	43.908689	-117.441180		
230	0	10	BRSP	SHRUB STEPPE				5/12/2011	AV	43.405055	-116.764514		
230	500	1	WEME	GRASS				5/12/2011	A	43.484958	-116.894578		
230	0	1	CORA	GRASS				5/12/2011	VA	43.486565	-116.894610		
230	250	3	WESTERN FENCE LIZARD	ROCK OUTCROP				5/12/2011	V	43.907850	-117.441813		
231	0	4	WCSP	SHRUB STEPPE				5/12/2011	V	43.405052	-116.764515		
231	200	2	WEME	GRASS				5/12/2011	A	43.486565	-116.894607		
232	50	6	HOLA	GRASS				5/12/2011	VA	43.486568	-116.894611		
232	150	2	CAQU	SAGE				5/12/2011	A	43.907980	-117.441724		
233	100	2	WESTERN FENCE LIZARD	SHRUB STEPPE				5/12/2011	V	43.405833	-116.766134		
233	150	2	GRD SQUIRREL	SAGE				5/12/2011	V	43.907972	-117.441729		
234	0	1	NOHA	SHRUB STEPPE		F		5/12/2011	V	43.405915	-116.766204		
234	0	1	BLACK-TAILED JACKRABBIT	SAGE				5/12/2011	V	43.908211	-117.441849		
235	0	1	CORA	SHRUB STEPPE				5/12/2011	A	43.405914	-116.766201		
235	1000	2	CORA	SAGE				5/12/2011	A	43.908210	-117.441847		
236	250	2	WEME	SHRUB STEPPE				5/12/2011	A	43.405914	-116.766200		
236	400	1	COTTONTAIL RABBIT	SAGE				5/12/2011	V	43.907627	-117.442174		
237	0	2	MODO	SHRUB STEPPE				5/12/2011	V	43.405913	-116.766199		
237	250	2	ROWR	SHRUB STEPPE				5/12/2011	VA	43.406961	-116.768816		
238	1500	1	COYOTE	SHRUB STEPPE				5/12/2011	V	43.407259	-116.769430		
239	250	1	AMKE	SHRUB STEPPE		M		5/12/2011	V	43.407619	-116.770485		
240	500	3	ROWR	SHRUB STEPPE				5/12/2011	A	43.409033	-116.771373		
241	400	1	HOLA	SHRUB STEPPE				5/12/2011	A	43.409032	-116.771375		
242	750	1	PRFA	SHRUB STEPPE				5/12/2011	V	43.409076	-116.771420		X
243	300	2	BRSP	SHRUB STEPPE				5/12/2011	A	43.409035	-116.771485		
244	500	2	WEME	SHRUB STEPPE				5/12/2011	A	43.412061	-116.773057		
247	200	2	BRSP	SHRUB STEPPE				5/12/2011	VA	43.412197	-116.773156		
248	2000	1	RTHA	SHRUB STEPPE				5/12/2011	V	43.412197	-116.773154		
249	100	1	BRSP	SHRUB STEPPE				5/12/2011	V	43.414818	-116.776678		
250	0	2	BRSP	SHRUB STEPPE				5/12/2011	A	43.415741	-116.777856		
251	100	2	WEME	SHRUB STEPPE				5/12/2011	AV	43.415753	-116.777735		
252	100	1	ROWR	SHRUB STEPPE				5/12/2011	AV	43.415747	-116.777748		
253	0	1	RTHA	SHRUB STEPPE				5/12/2011	V	43.415749	-116.777750		
254	100	1	MOUNTAIN COTTONTAIL	SHRUB STEPPE				5/12/2011	V	43.416176	-116.778895		
256	0	1	MOJAVE BLACK-COLLARED LIZARD	SHRUB STEPPE				5/12/2011	V	43.416359	-116.779093		X
258	50	1	MOJAVE BLACK-COLLARED LIZARD	SHRUB STEPPE	JUV			5/12/2011	V	43.416595	-116.779264		X
259	50	1	LIZARD	SHRUB STEPPE	JUV			5/12/2011	V	43.416548	-116.779270		
260	250	1	CORA	SHRUB STEPPE				5/12/2011	V	43.417167	-116.780628		
261	100	2	BRSP	SHRUB STEPPE				5/12/2011	AV	43.417183	-116.780654		
263	100	2	BRSP	SHRUB STEPPE				5/12/2011	A	43.418093	-116.782659		
264	50	1	VESP	SHRUB STEPPE				5/12/2011	V	43.418095	-116.782660		
266	0	1	HOLA	SHRUB STEPPE				5/12/2011	V	43.418265	-116.782871		
267	0	1	LASP	SHRUB STEPPE				5/12/2011	V	43.420803	-116.785919		
268	0	2	ROWR	SHRUB STEPPE				5/12/2011	V	43.420799	-116.785914		
269	200	4	BRSP	SHRUB STEPPE				5/12/2011	VA	43.420850	-116.786029		
270	200	1	MOJAVE BLACK-COLLARED LIZARD	SHRUB STEPPE				5/12/2011	V	43.421503	-116.786827		X
271	200	1	LASP	SHRUB STEPPE				5/12/2011	V	43.421502	-116.786829		
272	200	2	BRSP	SHRUB STEPPE				5/12/2011	VA	43.421502	-116.786829		
278	250	1	LIZARD					5/12/2011		43.421783	-116.787081	SAGEBRUSH OR FENCE LIZARD	
279	100	2	WEME	SHRUB STEPPE				5/12/2011	V	43.422151	-116.788245		
280	150	3	BRSP	SHRUB STEPPE				5/12/2011	V	43.423019	-116.791610		

ID	DIST	QUANT	SPECIES	HABITAT	AGE	GENDER	PHOTO	DATE	OBSTYPE	LAT	LONG	COMMENTS	SSS
282	250	3	WEME	SHRUB STEPPE				5/12/2011	VA	43.424203	-116.792703		
284	0	1	BUOW	SHRUB STEPPE				5/12/2011	V	43.425340	-116.795274	APPEARED ALONE OUT OF HABITAT	X
285	150	2	LIZARD	SHRUB STEPPE				5/12/2011	V	43.425334	-116.795272	SAGEBRUSH OR FENCE LIZARD	
286	0	1	QUAIL	SHRUB STEPPE				5/12/2011	V	43.425333	-116.795273	FLYING AWAY NO ID LIKELY MOUTAIN BY HABITAT	
287	100	3	WESTERN FENCE LIZARD	SHRUB STEPPE				5/12/2011	V	43.425447	-116.796135		
288	0	2	MODO	SHRUB STEPPE				5/12/2011	V	43.425656	-116.796282		
289	250	2	WEME	SHRUB STEPPE				5/12/2011	A	43.425706	-116.796325		
290	250	2	HOLA	SHRUB STEPPE				5/12/2011	A	43.425823	-116.796418		
291	250	1	LASP	SHRUB STEPPE				5/12/2011	A	43.427344	-116.798516		
293	0	1	BRSP	SHRUB STEPPE				5/12/2011	V	43.428322	-116.799625		
294	200	1	LASP	SHRUB STEPPE				5/12/2011	V	43.428662	-116.800409		
295	250	3	WEME	SHRUB STEPPE				5/12/2011	V	43.428657	-116.800408		
296	1000	1	CAQU	SHRUB STEPPE				5/12/2011	A	43.428984	-116.800792		
333	250	1	CAQU	SHRUB				5/12/2011	A	43.495934	-116.948599		
334	100	3	WEME	SHRUB				5/12/2011	A	43.495935	-116.948595		
334	0	1	MOUNTAIN COTTONTAIL	SHRUB				5/12/2011	V	43.496992	-116.948701		
335	2000	1	LAZB	SHRUB				5/12/2011	A	43.496991	-116.948699		
335	25	3	WEME	SHRUB				5/12/2011	AV	43.498893	-116.950547		
337	0	1	GOEA	SHRUB				5/12/2011	V	43.498982	-116.950800		
338	300	1	CANW	SHRUB				5/12/2011	V	43.499022	-116.950757		
339	100	2	ROWR	SHRUB				5/12/2011	VA	43.499013	-116.951350		
339	50	2	WEME	SHRUB				5/12/2011	A	43.499022	-116.950757		
340	50	2	ROWR	SHRUB				5/12/2011	A	43.500438	-116.952710		
341	250	2	WEME	SHRUB				5/12/2011	A	43.500442	-116.952712		
342	750	1	CORA	SHRUB				5/12/2011	A	43.500442	-116.952712		
343	300	1	LASP	SHRUB				5/12/2011	A	43.500442	-116.952709		
344	250	2	WEME	GRASS				5/12/2011	A	43.502942	-116.954657		
345	500	2	ROWR	GRASS				5/12/2011	A	43.502947	-116.954653		
346	500	2	ROWR	GRASS				5/12/2011	A	43.504253	-116.955195		
347	500	2	WEME	GRASS				5/12/2011	A	43.504255	-116.955192		
348	500	1	CANW	GRASS				5/12/2011	A	43.504274	-116.955223		
349	500	4	CORA	GRASS				5/12/2011	V	43.504276	-116.955223	NEST IN CLIFFSIDE	
349	250	1	WEME	SHRUB				5/12/2011	A	43.515794	-116.970898		
350	500	1	ROWR	GRASS				5/12/2011	A	43.504275	-116.955225		
350	250	3	WEME	SHRUB				5/12/2011	A	43.516895	-116.971631		
351	750	1	CAQU	SHRUB				5/12/2011	A	43.516895	-116.971631		
352	1000	1	CORA	SHRUB				5/12/2011	V	43.516895	-116.971631		
354	1000	1	TUVU	SHRUB				5/12/2011	V	43.516893	-116.971631		
355	100	3	WEME	SHRUB				5/12/2011	A	43.518718	-116.973413		
356	200	1	LASP	SHRUB				5/12/2011	A	43.518719	-116.973418		
357	200	2	LASP	SHRUB				5/12/2011	A	43.522480	-116.971375		
358	250	2	WEME	SHRUB				5/12/2011	A	43.522482	-116.971374		
359	200	2	ROWR	SHRUB				5/12/2011	A	43.522485	-116.971374		
360	100	2	WEME	SHRUB				5/12/2011	A	43.520087	-116.968830		
361	100	2	ROWR	SHRUB				5/12/2011	A	43.520093	-116.968827		
363	300	2	WEME	SHRUB				5/12/2011	A	43.516384	-116.966517		
369	50	4	WEME	SHRUB				5/12/2011	AV	43.516317	-116.965561		
370	1000	2	CORA	SHRUB				5/12/2011	A	43.516309	-116.965553		
371	100	3	WEME	SHRUB				5/12/2011	A	43.514614	-116.963694		
371	0	1	JACKRABBIT	SHRUB				5/12/2011	V	43.516305	-116.965576		
371	250	1	LASP	SHRUB				5/12/2011	A	43.516305	-116.965575		
372	300	1	ROWR	SHRUB				5/12/2011	A	43.514615	-116.963693		
123	100	2	WEME	GRASS				5/13/2011	A	43.537639	-117.010115		
124	0	1	PRFA	GRASS				5/13/2011	V	43.537632	-117.010114		X
125	0	1	HOLA	GRASS				5/13/2011	V	43.537633	-117.010116		
127	0	2	HOLA	GRASS				5/13/2011	VA	43.538674	-117.011852		
128	0	2	WEME	GRASS				5/13/2011	VA	43.538680	-117.011856		
132	0	1	GRSP	GRASS				5/13/2011	A	43.543201	-117.015097		X
133	50	2	WEME	GRASS				5/13/2011	A	43.543312	-117.014971		
134	100	1	ROWR	GRASS				5/13/2011	A	43.543311	-117.014973		
135	0	1	LIZARD	GRASS				5/13/2011	V	43.543311	-117.014974		
136	0	4	HOLA	GRASS				5/13/2011	VA	43.543310	-117.014973		
137	0	1	GRSP	GRASS				5/13/2011	A	43.543803	-117.015797		X
138	50	4	HOLA	GRASS				5/13/2011	VA	43.545956	-117.018172		
139	100	2	WEME	GRASS				5/13/2011	A	43.545956	-117.018173		
143	750	1	MODO	GRASS				5/13/2011	A	43.545197	-117.018678		
144	300	0	BUOW-NEST					5/13/2011	V	43.545968	-117.019668	POSSIBLE BUOW BURROW	X
166	100	1	LAZB	SHRUB				5/13/2011	A	43.553547	-117.029422		
167	0	1	WEME	SHRUB				5/13/2011	V	43.553548	-117.029421		
168	0	2	CHSP	SHRUB				5/13/2011	V	43.553247	-117.030371		
169	0	2	LIZARD	SHRUB				5/13/2011	V	43.553249	-117.030370		
170	0	1	BLACK-TAILED JACKRABBIT	SHRUB				5/13/2011	V	43.554121	-117.030115		
171	250	3	WEME	SHRUB				5/13/2011	A	43.555574	-117.030562		
172	100	1	LASP	SHRUB				5/13/2011	A	43.555575	-117.030560		
173	0	2	LASP	SHRUB				5/13/2011	V	43.556809	-117.032193		

ID	DIST	QUANT	SPECIES	HABITAT	AGE	GENDER	PHOTO	DATE	OBSTYPE	LAT	LONG	COMMENTS	SSS
173	0	2	LOSH	SHRUB				5/13/2011	VA	43.556809	-117.032192		X
174	0	1	HOLA	SHRUB		F		5/13/2011	V	43.557706	-117.032977		
175	0	1	WEME	SHRUB				5/13/2011	A	43.557709	-117.032974		
176	0	2	HOLA	GRASS				5/13/2011	V	43.559477	-117.034143		
177	0	2	WEME	SHRUB				5/13/2011	A	43.559478	-117.034144		
178	0	2	HOLA	GRASS				5/13/2011	VA	43.560876	-117.035967		
179	0	1	LASP	GRASS				5/13/2011	V	43.560877	-117.035963		
180	0	1	LONGNOSE LEOPARD LIZARD	SHRUB				5/13/2011	V	43.561095	-117.037379		
181	0	4	WEKI	SHRUB				5/13/2011	VA	43.561124	-117.037320		
182	0	4	WEME	SHRUB				5/13/2011	VA	43.562749	-117.039937		
183	0	1	WEKI	GRASS				5/13/2011	V	43.563153	-117.041219		
184	50	3	WEME	GRASS				5/13/2011	A	43.564698	-117.041865		
185	0	2	CAQU	GRASS				5/13/2011	V	43.564696	-117.041868		
216	0	1	GOPHER SNAKE	SHRUB				5/13/2011	V	43.471531	-116.882153	18 inch	
217	50	3	WEME	SHRUB				5/13/2011	VA	43.471504	-116.882160		
218	50	4	HOLA	SHRUB				5/13/2011	VA	43.471507	-116.882155		
219	250	2	WEME	SHRUB				5/13/2011	A	43.540521	-116.999325		
220	500	1	LASP	SHRUB				5/13/2011	A	43.540521	-116.999320		
229	0	60	CHSP	SHRUB STEPPE				5/13/2011	VA	43.446521	-116.839942		
237	250	2	BRSP	SHRUB STEPPE				5/13/2011	A	43.445103	-116.837712		
256	200	2	CHSP	SAGE				5/13/2011	AV	43.908951	-117.442440		
257	400	1	LASP	SAGE				5/13/2011	A	43.908956	-117.442439		
258	2	250	BRSP	SAGE				5/13/2011	AV	43.908955	-117.442437		
259	300	1	CAQU	SAGE				5/13/2011	A	43.908959	-117.442435		
260	250	1	BUOR	SAGE				5/13/2011	V	43.909491	-117.443217		
261	300	4	CHSP	SAGE				5/13/2011	AV	43.910002	-117.443401		
262	300	4	WEME	SAGE				5/13/2011	AV	43.910209	-117.443383		
263	500	1	AMRO	SAGE				5/13/2011	AV	43.910530	-117.443428		
264	20	1	BLACK-TAILED JACKRABBIT	SAGE				5/13/2011	V	43.910538	-117.443435		
265	400	1	LASP	SAGE				5/13/2011	AV	43.911651	-117.442766		
267	300	1	LIZARD	SAGE				5/13/2011	V	43.911650	-117.442768		
268	250	1	COYOTE	SAGE				5/13/2011	DEN & PUPS	43.910742	-117.444333		
269	150	1	COTTONTAIL RABBIT	SAGE				5/13/2011	V	43.912270	-117.443677		
270	1000	1	CORA	SAGE				5/13/2011	A	43.912549	-117.443691		
271	400	3	WEME	SAGE				5/13/2011	AV	43.912743	-117.443923		
272	200	1	BLACK-TAILED JACKRABBIT	SAGE				5/13/2011	V	43.913116	-117.444469		
274	150	2	LOSH	SAGE				5/13/2011	AV	43.913183	-117.445667		X
275	150	1	PRFA	SAGE				5/13/2011	V	43.913182	-117.445670		X
276	300	2	WESTERN FENCE LIZARD	SAGE				5/13/2011	V	43.913706	-117.447097		
277	300	1	ROWR	ROCKY OUTCROP				5/13/2011	AV	43.913718	-117.447063		
278	500	2	CAQU	SAGE				5/13/2011	A	43.914176	-117.446392		
279	200	2	COTTONTAIL RABBIT	SAGE				5/13/2011	V	43.914887	-117.447198		
280	400	2	LASP	SAGE				5/13/2011	AV	43.914886	-117.447201		
281	1000	2	CORA	SAGE				5/13/2011	A	43.914858	-117.447214		
282	700	1	ROWR	SAGE				5/13/2011	A	43.916244	-117.448116		
283	500	6	WEME	SAGE				5/13/2011	A	43.916257	-117.448110		
284	0	2	TUVU	SAGE				5/13/2011	V	43.916153	-117.448288		
285	300	5	WEME	SAGE				5/13/2011	A	43.917668	-117.450394		
286	250	1	LASP	SAGE				5/13/2011	V	43.918319	-117.451015		
287	400	2	LASP	SAGE				5/13/2011	AV	43.919970	-117.452616		
288	30	2	WEME	SAGE				5/13/2011	AV	43.920203	-117.452492		
289	200	2	HOLA	SAGE				5/13/2011	A	43.920204	-117.452493		
290	100	1	LOSH	SAGE				5/13/2011	V	43.921334	-117.453555		X
291	0	4	HOLA	SHRUB				5/13/2011	AV	43.922600	-117.454347		
292	100	3	WEME	SHRUB				5/13/2011	AV	43.922739	-117.454587		
293	10	1	BARS	GRASS				5/13/2011	V	43.923895	-117.454665		
294	200	1	PRFA	SHRUB				5/13/2011	V	43.924266	-117.456431		X
295	200	3	HOLA	SHRUB				5/13/2011	AV	43.925607	-117.457019		
296	50	3	HOLA	SHRUB				5/13/2011	AV	43.925610	-117.457014		
297	100	8	HOLA	GRASS				5/13/2011	VA	43.431476	-116.805913		
297	250	1	LASP	SHRUB				5/13/2011	AV	43.926315	-117.458507		
298	300	2	CHSP	SHRUB STEPPE				5/13/2011	V	43.431457	-116.805954		
298	250	2	HOLA	SHRUB				5/13/2011	AV	43.926313	-117.458508		
299	250	3	HOLA	SHROB				5/13/2011	AV	43.929172	-117.459940		
300	200	1	VESP	SHRUB STEPPE				5/13/2011	A	43.431944	-116.791360		
300	150	5	WEME	SHRUB				5/13/2011	AV	43.931142	-117.460116		
301	300	3	WEME	SHRUB STEPPE				5/13/2011	A	43.431943	-116.791361		
301	400	2	GRAP	SHRUB				5/13/2011	V	43.931200	-117.460283		
302	0	8	HOLA	SHRUB STEPPE				5/13/2011	A	43.431943	-116.791359		
302	50	2	CAQU	SHRUB				5/13/2011	VA	43.526980	-116.991328		
302	300	1	ROWR	SHRUB				5/13/2011	V	43.931202	-117.460284		
303	100	2	HOLA	SHRUB				5/13/2011	A	43.526361	-116.992016		
303	0	1	CORA	SHRUB				5/13/2011	V	43.931204	-117.460286		
304	100	1	BRSP	SHRUB STEPPE				5/13/2011	V	43.430828	-116.807071		

ID	DIST	QUANT	SPECIES	HABITAT	AGE	GENDER	PHOTO	DATE	OBSTYPE	LAT	LONG	COMMENTS	SSS
304	1000	4	COYOTE	SHRUB				5/13/2011	A	43.526102	-116.992283	HEARD GROUP HOWLING	
304	0	1	SNAKE	SHRUB				5/13/2011	VA	43.526509	-116.992843	BIEGE COLORED	
304	0	2	PRFA	SHRUB				5/13/2011	AV	43.931204	-117.460289		X
305	0	2	LASP	SHRUB				5/13/2011	V	43.527496	-116.992752		
305	20	1	LASP	SHRUB				5/13/2011	AV	43.932011	-117.460816		
306	250	2	WEME	SHRUB STEPPE				5/13/2011	AV	43.432034	-116.810351		
306	50	2	CORA	SHRUB				5/13/2011	VA	43.527616	-116.992762		
306	0	4	CAQU	SHRUB				5/13/2011	V	43.933378	-117.460770		
307	1500	1	CHUK	SHRUB STEPPE				5/13/2011	A	43.432032	-116.810351		
307	100	1	MODO	SHRUB				5/13/2011	VA	43.528144	-116.992807		
307	200	1	DESERT HORNED LIZARD	SHRUB				5/13/2011	V	43.933800	-117.460583		
308	100	1	LASP	SHRUB STEPPE				5/13/2011	AV	43.432032	-116.810352		
308	250	1	WEME	SHRUB				5/13/2011	A	43.529131	-116.992942		
308	200	1	COYOTE	SHRUB				5/13/2011	V	43.934895	-117.462406		
309	500	2	LBCU	SHRUB STEPPE				5/13/2011	AV	43.432033	-116.810352		X
309	400	2	CAQU	SHRUB				5/13/2011	A	43.934894	-117.462408		
310	250	1	ROWR	SHRUB STEPPE				5/13/2011	A	43.432033	-116.810352		
310	100	2	BRSP	SHRUB				5/13/2011	A	43.934894	-117.462409		
311	250	2	BRSP	SHRUB STEPPE				5/13/2011	A	43.432032	-116.810352		
311	300	2	LASP	SHRUB				5/13/2011	AV	43.935244	-117.462318		
312	0	312	BLACK-TAILED JACKRABBIT	SHRUB STEPPE				5/13/2011	V	43.433295	-116.812831		
312	250	1	LOSH	SHRUB				5/13/2011	AV	43.936424	-117.462045		X
313	100	2	LASP	SHRUB STEPPE				5/13/2011	V	43.433301	-116.812825		
313	300	2	LASP	SHRUB				5/13/2011	AV	43.936425	-117.462045		
314	250	1	ROWR	SHRUB STEPPE				5/13/2011	A	43.433429	-116.812834		
314	200	2	BRSP	SHRUB				5/13/2011	AV	43.936637	-117.463197		
315	100	8	HOLA	SHRUB STEPPE				5/13/2011	AV	43.434259	-116.815689		
315	400	1	CAQU	SHRUB				5/13/2011	A	43.936639	-117.463197		
316	500	3	ROWR	SHRUB STEPPE				5/13/2011	A	43.435702	-116.818144		
316	600	2	WEME	SHRUB				5/13/2011	AV	43.938638	-117.464239		
317	0	10	HOLA	SHRUB STEPPE				5/13/2011	V	43.436479	-116.819427		
317	200	1	WEKI	SHRUB				5/13/2011	V	43.940367	-117.464706		
318	500	2	WEME	SHRUB STEPPE				5/13/2011	A	43.436542	-116.819522		
318	300	1	CHSP	SHRUB				5/13/2011	V	43.940407	-117.464619		
319	200	1	LASP	SHRUB STEPPE				5/13/2011	V	43.437177	-116.820081		
319	250	1	LASP	SHRUB				5/13/2011	V	43.945384	-117.466306		
320	0	1	CORA	SHRUB STEPPE				5/13/2011	V	43.437179	-116.820083		
320	250	1	HOLA	SHRUB				5/13/2011	V	43.945384	-117.466304		
321	300	1	CORA	SHRUB				5/13/2011	V	43.946393	-117.466393		
322	100	1	VESP	SHRUB STEPPE				5/13/2011	V	43.437970	-116.822016		
322	300	1	ROWR	SHRUB				5/13/2011	AV	43.946404	-117.466399		
323	0	1	LASP	SHRUB STEPPE				5/13/2011	V	43.437965	-116.822020		
323	0	7	ROPI	SHRUB				5/13/2011	V	43.946429	-117.466404		
324	150	2	CHSP	SHRUB				5/13/2011	V	43.947312	-117.467069		
325	100	2	ROWR	SHRUB STEPPE				5/13/2011	VA	43.439037	-116.826573		
325	100	1	COTTONTAIL RABBIT	SHRUB				5/13/2011	V	43.947310	-117.467066		
326	200	3	WEME	SHRUB STEPPE				5/13/2011	A	43.439029	-116.826577		
326	200	4	WEME	SHRUB STEPPE				5/13/2011	A	43.445090	-116.837717		
326	150	1	LASP	SHRUB				5/13/2011	A	43.947312	-117.467067		
327	150	3	WEME	SHRUB				5/13/2011	AV	43.947312	-117.467067		
328	300	1	VESP	SHRUB STEPPE				5/13/2011	A	43.445103	-116.837713		
328	150	1	LAZB	SHRUB		M		5/13/2011	AV	43.947977	-117.467780		
329	500	1	ROWR	SHRUB STEPPE				5/13/2011	A	43.445103	-116.837714		
329	100	6	CHSP	SHRUB				5/13/2011	V	43.948399	-117.469001		
330	100	2	LASP	SHRUB STEPPE				5/13/2011	VA	43.446521	-116.839947		
330	250	1	LASP	SHRUB				5/13/2011	V	43.948562	-117.469331		
331	0	1	COPO	SHRUB STEPPE				5/13/2011	V	43.446992	-116.843018		
331	300	4	CAQU	SHRUB				5/13/2011	VA	43.948551	-117.469337		
332	100	3	LASP	SHRUB STEPPE				5/13/2011	V	43.447192	-116.843457		
333	1000	1	TUVU	SHRUB STEPPE				5/13/2011	V	43.449710	-116.847689		
334	500	1	ROWR	SHRUB STEPPE				5/13/2011	A	43.449749	-116.847715		
335	100	1	BRUSHY-TAILED WOODRAT	SHRUB STEPPE				5/13/2011	V	43.449933	-116.848061		
336	100	1	WESTERN FENCE LIZARD	SHRUB STEPPE				5/13/2011	V	43.449974	-116.848085		
337	200	3	ROWR	SHRUB STEPPE				5/13/2011	VA	43.450068	-116.851369		
339	100	1	LASP	GRASS				5/13/2011	V	43.451359	-116.852822		
340	500	3	WEME	GRASS				5/13/2011	V	43.451358	-116.852888		
340	50	1	WESTERN FENCE LIZARD	GRASS				5/13/2011	V	43.451710	-116.854289		
341	0	1	WESTERN FENCE LIZARD	GRASS				5/13/2011	V	43.451422	-116.853173		
342	50	1	VESP	GRASS				5/13/2011	V	43.451426	-116.853165		
344	0	1	BUOW-NEST	GRASS				5/13/2011	V	43.451746	-116.854528	ONLY 1 ADULT PRESENT	X
345	0	1	WESTERN RATTLESNAKE	GRASS				5/13/2011	V	43.451740	-116.854529		
346	100	1	HOFI	GRASS				5/13/2011	V	43.452141	-116.855079		
348	100	1	WESTERN FENCE LIZARD	GRASS				5/13/2011	V	43.452411	-116.855281		
349	250	2	ROWR	GRASS				5/13/2011	A	43.452407	-116.855282		
350	100	0	BUOW-NEST	GRASS				5/13/2011	BURROW	43.452423	-116.856531	APPEARS TO BE USED LAST YEAR	X

ID	DIST	QUANT	SPECIES	HABITAT	AGE	GENDER	PHOTO	DATE	OBSTYPE	LAT	LONG	COMMENTS	SSS
351	0	1	VESP	GRASS				5/13/2011	V	43.452635	-116.857045		
352	100	1	WEME	GRASS				5/13/2011	V	43.452746	-116.857328		
353	100	3	HOLA	GRASS				5/13/2011	VA	43.452745	-116.857330		
356	200	2	GRSP	GRASS				5/13/2011	A	43.453098	-116.858581		X
358	250	2	CHSP	GRASS				5/13/2011	A	43.453644	-116.860238		
359	100	1	LASP	GRASS				5/13/2011	V	43.454946	-116.864298		
360	200	2	WESTERN FENCE LIZARD	SHRUB STEPPE				5/13/2011	V	43.455466	-116.864658		
361	100	1	WCSP	SHRUB STEPPE				5/13/2011	V	43.455466	-116.864667		
362	100	0	GHOW	SHRUB STEPPE				5/13/2011	PELLET	43.455512	-116.864539	PELLET	
363	500	4	WEME	SHRUB STEPPE				5/13/2011	A	43.457027	-116.865406		
364	100	1	MODO	SHRUB STEPPE				5/13/2011	V	43.458175	-116.866653		
365	0	2	CAQU	SHRUB STEPPE				5/13/2011	V	43.458165	-116.866672		
366	250	4	WEME	SHRUB STEPPE				5/13/2011	A	43.460953	-116.870742		
366	500	1	ROWR	SHRUB STEPPE				5/13/2011	A	43.461137	-116.870846		
367	250	1	PRFA	SHRUB STEPPE				5/13/2011	V	43.462309	-116.872374		X
369	200	2	ROWR	SHRUB STEPPE				5/13/2011	V	43.464121	-116.873291		
370	250	2	WESTERN FENCE LIZARD	SHRUB STEPPE				5/13/2011	V	43.464125	-116.873290		
371	250	1	MOJAVE BLACK-COLLARED LIZARD	SHRUB STEPPE	JUV			5/13/2011	V	43.464127	-116.873287		X
373	250	1	LASP	SHRUB				5/13/2011	A	43.512761	-116.959426		
374	250	2	MOJAVE BLACK-COLLARED LIZARD	SHRUB STEPPE				5/13/2011	V	43.464518	-116.873492		X
374	100	3	WEME	SHRUB				5/13/2011	A	43.512756	-116.959430		
375	250	1	WESTERN WHIPTAIL	SHRUB STEPPE				5/13/2011	V	43.466618	-116.875635		
375	250	1	LASP	SHRUB				5/13/2011	A	43.511306	-116.959891		
376	1500	1	CAQU	SHRUB STEPPE				5/13/2011	A	43.466726	-116.876051		
376	100	3	WEME	SHRUB				5/13/2011	AV	43.511304	-116.959889		
377	400	4	WEME	SHRUB STEPPE				5/13/2011	A	43.466730	-116.876057		
378	0	5	YRWA	SHRUB				5/13/2011	V	43.466882	-116.877372		
379	150	1	LAZB	SHRUB				5/13/2011	V	43.466889	-116.877373		
379	200	2	WEME	SHRUB				5/13/2011	A	43.468293	-116.878050		
380	0	2	BRSP	SHRUB				5/13/2011	V	43.467778	-116.878383		
381	100	1	BRSP	SHRUB STEPPE				5/13/2011	V	43.469575	-116.880134		
385	200	6	HOLA	SHRUB STEPPE				5/13/2011	VA	43.470921	-116.881911		
386	250	3	WEME	SHRUB STEPPE				5/13/2011	A	43.470902	-116.881936		
387	400	2	BRSP	SHRUB STEPPE				5/13/2011	A	43.473770	-116.885136		
389	200	2	LASP	GRASS				5/13/2011	V	43.477084	-116.888433		
390	200	2	HOLA	GRASS				5/13/2011	VA	43.477087	-116.888431		
392	250	2	WEME	GRASS				5/13/2011	A	43.477088	-116.888429		
409	200	2	ROWR	SHRUB				5/13/2011	A	43.529131	-116.992944		
410	200	3	WEME	GRASS				5/13/2011	A	43.522850	-116.980982		
411	1000	2	CORA	GRASS				5/13/2011	VA	43.522850	-116.980982		
412	750	1	CAQU	GRASS				5/13/2011	A	43.522830	-116.980876		
412	500	1	LASP	GRASS				5/13/2011	A	43.522850	-116.980982		
413	750	1	PRFA	GRASS				5/13/2011	VA	43.521583	-116.984153		X
414	750	1	RTHA	GRASS				5/13/2011	VA	43.521583	-116.984153		
415	50	3	WEME	GRASS				5/13/2011	VA	43.521583	-116.984153		
415	50	2	HOLA	GRASS				5/13/2011	A	43.521584	-116.984154		
416	100	2	ROWR	GRASS				5/13/2011	A	43.521585	-116.984156		
416	250	4	WEME	SHRUB				5/13/2011	AV	43.542709	-116.997949		
417	1000	2	CORA	SHRUB				5/13/2011	VA	43.542709	-116.997949		
417	200	2	ROWR	SHRUB				5/13/2011	A	43.542709	-116.997949		
418	50	1	BRSP	SHRUB				5/13/2011	A	43.542677	-116.997999		
421	500	2	ROWR	SHRUB				5/13/2011	A	43.540523	-116.999320		
424	0	10	CHSP	SHRUB				5/13/2011	VA	43.538631	-116.999086		
425	250	1	LASP	SHRUB				5/13/2011	A	43.538629	-116.999086		
426	750	1	CORA	SHRUB				5/13/2011	A	43.538628	-116.999087		
427	250	1	ROWR	SHRUB				5/13/2011	A	43.538627	-116.999087		
429	500	3	ROWR	SHRUB				5/13/2011	A	43.536073	-117.002816		
430	100	4	WEME	SHRUB				5/13/2011	AV	43.536072	-117.002818		
431	500	1	MODO	SHRUB				5/13/2011	A	43.536077	-117.002806		
432	0	1	WESTERN FENCE LIZARD	SHRUB				5/13/2011	V	43.536501	-117.002139		
432	100	3	WEME	SHRUB				5/13/2011	VA	43.537250	-117.001189		
433	250	1	LASP	SHRUB				5/13/2011	A	43.537253	-117.001188		
433	250	2	ROWR	SHRUB				5/13/2011	A	43.537253	-117.001188		
434	250	1	CAQU	SHRUB				5/13/2011	A	43.534012	-116.997726		
435	250	3	WEME	SHRUB				5/13/2011	A	43.534013	-116.997726		
436	500	2	ROWR	SHRUB				5/13/2011	A	43.534013	-116.997727		
437	0	1	GROUND SQUIRREL	SHRUB				5/13/2011	V	43.534013	-116.997727	ONLY QUICK GLANCE	
438	100	4	WEME	SHRUB				5/13/2011	A	43.530285	-116.995197		
439	250	2	ROWR	SHRUB				5/13/2011	A	43.530286	-116.995198		
440	100	4	WEME	SHRUB				5/13/2011	VA	43.559586	-117.011695		
441	300	3	RWBL	SHRUB				5/13/2011	A	43.559544	-117.011712		
442	1000	1	CORA	SHRUB				5/13/2011	A	43.559538	-117.011712		
443	300	1	WEKI	SHRUB				5/13/2011	A	43.559422	-117.011972		

ID	DIST	QUANT	SPECIES	HABITAT	AGE	GENDER	PHOTO	DATE	OBSTYPE	LAT	LONG	COMMENTS	SSS
444	50	1	SNAKE	SHRUB				5/13/2011	A	43.559421	-117.011972	BIEGE COLORED	
445	0	2	WEME	SHRUB				5/13/2011	VA	43.561016	-117.015947		
448	250	2	HOLA	SHRUB				5/13/2011	A	43.552438	-117.021293		
449	300	2	WEME	SHRUB				5/13/2011	A	43.552438	-117.021294		
450	250	3	HOLA	SHRUB				5/13/2011	AV	43.547949	-117.021530		
450	500	2	ROWR	SHRUB				5/13/2011	A	43.550977	-117.021802		
451	500	2	ROWR	SHRUB				5/13/2011	A	43.547949	-117.021527		
451	250	2	HOLA	SHRUB				5/13/2011	A	43.550977	-117.021799		
452	250	2	WEME	SHRUB				5/13/2011	A	43.547946	-117.021525		
453	100	1	LASP	SHRUB				5/13/2011	A	43.546693	-117.021198		
455	300	1	BUOW	GRASS				5/13/2011	V	43.545992	-117.019682	NEST FOUND!!	X
456	50	5	HOLA	GRASS				5/13/2011	AV	43.545197	-117.016244		
458	0	6	HOLA	GRASS				5/13/2011	VA	43.541457	-117.014653		
459	250	1	WEME	GRASS				5/13/2011	A	43.541458	-117.014651		
460	0	6	HOLA	GRASS				5/13/2011	VA	43.538902	-117.012352		
461	250	1	WEME	GRASS				5/13/2011	A	43.538670	-117.011989		
462	50	4	HOLA	GRASS				5/13/2011	VA	43.538200	-117.009936		
463	100	1	WEME	GRASS				5/13/2011	A	43.538199	-117.009937		
463	100	1	ROWR	GRASS				5/13/2011	A	43.538200	-117.009936		
464	25	1	BUOW-NEST	GRASS				5/13/2011	VA	43.537177	-117.009353	FOUND BURROW!!	X
465	0	1	HORNED LIZARD	SHRUB				5/13/2011	V	43.544714	-117.026712		
466	750	2	RTHA	SHRUB				5/13/2011	VA	43.546862	-117.026709		
583	250	2	COYOTE	SHRUB	PUPS			5/13/2011	V	43.910646	-117.444574		
584	50	1	BBMA	SHRUB				5/13/2011	V	43.910645	-117.444571		
598	250	2	WEME	SHRUB				5/13/2011	A	43.906193	-117.441079		
0	100	2	WEME	SHRUB STEPPE				5/14/2011	VA	43.495860	-116.948512		
332	500	2	WEKI	SHRUB				5/14/2011	AV	43.950549	-117.471287		
333	0	2	LASP	SHRUB				5/14/2011	V	43.951874	-117.472921		
334	0	2	MALL	RIPARIAN				5/14/2011	V	43.951874	-117.472923		
335	0	1	VGSW	SHRUB				5/14/2011	V	43.951877	-117.472924		
336	0	1	BARS	SHRUB				5/14/2011	V	43.951877	-117.472926		
337	0	1	CLSW	SHRUB				5/14/2011	V	43.951878	-117.472924		
338	0	1	MODO	SHRUB				5/14/2011	V	43.953830	-117.474864		
339	100	4	WEME	SHRUB				5/14/2011	A	43.953828	-117.474868		
340	0	1	BEKI	SHRUB				5/14/2011	AV	43.953828	-117.474869	BELTED KINGFISHER FLEW OVER HILL FROM RIVER	
341	60	4	CAQU	SHRUB				5/14/2011	AV	43.955753	-117.475496		
342	600	2	RNEP	SHRUB				5/14/2011	A	43.955753	-117.475467		
343	200	3	RWBL	RIPARIAN				5/14/2011	A	43.957281	-117.476327		
344	0	3	MALL	RIPARIAN				5/14/2011	AV	43.957284	-117.476329		
387	250	1	CHUK	SHRUB STEPPE				5/14/2011	V	43.510972	-116.962342		
388	250	1	ROWR	SHRUB STEPPE				5/14/2011	A	43.510974	-116.962342		
388	0	1	BBMA	SHRUB STEPPE				5/14/2011	V	43.510973	-116.962343		
389	100	1	WESTERN FENCE LIZARD	SHRUB STEPPE				5/14/2011	V	43.510972	-116.962342		
389	100	3	LASP	SHRUB STEPPE				5/14/2011	V	43.512657	-116.963250		
390	200	2	WEME	SHRUB STEPPE				5/14/2011	VA	43.512848	-116.963373		
393	0	1	TUVU	GRASS				5/14/2011	V	43.476783	-116.889118		
400	0	1	MULE DEER	GRASS		F		5/14/2011	V	43.476269	-116.889383		
400	600	1	LBCU	SHRUB STEPPE				5/14/2011	A	43.478485	-116.891856		X
401	0	9	HOLA	SHRUB STEPPE				5/14/2011	VA	43.478496	-116.891833		
402	250	2	LASP	SHRUB STEPPE				5/14/2011	V	43.479419	-116.892896		
403	100	1	PRONGHORN ANTELOPE	SHRUB STEPPE				5/14/2011	V	43.480263	-116.893836		
404	0	8	HOLA	SHRUB STEPPE				5/14/2011	VA	43.480277	-116.893835		
405	300	1	ROWR	SHRUB STEPPE				5/14/2011	A	43.481050	-116.894672		
406	100	2	WEME	SHRUB STEPPE				5/14/2011	A	43.481050	-116.894722		
407	300	1	LASP	SHRUB STEPPE				5/14/2011	A	43.481117	-116.894919		
408	200	1	LASP	SHRUB STEPPE				5/14/2011	A	43.482216	-116.896720		
409	100	1	ROWR	SHRUB STEPPE				5/14/2011	V	43.482220	-116.896720		
410	1500	1	CHUK	SHRUB STEPPE				5/14/2011	A	43.482231	-116.896749		
411	0	2	LBCU	SHRUB STEPPE				5/14/2011	AV	43.484120	-116.899614		X
412	200	4	HOLA	SHRUB STEPPE				5/14/2011	AV	43.484232	-116.899776		
413	200	2	WEME	SHRUB STEPPE				5/14/2011	A	43.484440	-116.900067		
414	100	10	HOLA	SHRUB STEPPE				5/14/2011	AV	43.487627	-116.906370		
415	150	2	WEME	SHRUB STEPPE				5/14/2011	A	43.487637	-116.906367		
416	0	6	LASP	SHRUB STEPPE				5/14/2011	A	43.490618	-116.910595		
417	400	1	BBMA	RIPARIAN				5/14/2011	A	43.490320	-116.911444		
418	600	2	MODO	RIPARIAN				5/14/2011	A	43.490332	-116.911450		
419	200	2	CAQU	RIPARIAN				5/14/2011	A	43.490333	-116.911450		
420	300	1	AMKE	RIPARIAN				5/14/2011	V	43.490341	-116.911468		
421	300	1	YRWA	RIPARIAN				5/14/2011	V	43.490351	-116.911466		
422	0	1	RTHA	RIPARIAN				5/14/2011		43.490352	-116.911467		
423	400	1	RNEP	RIPARIAN				5/14/2011	A	43.490362	-116.911474		
424	0	1	BAOW	RIPARIAN				5/14/2011	V	43.490441	-116.911557		
425	0	2	GBHE	RIPARIAN				5/14/2011	V	43.490432	-116.911565		
426	0	1	PRFA	RIPARIAN				5/14/2011	V	43.490582	-116.911642		X
427	0	1	NOFL	RIPARIAN				5/14/2011	V	43.490592	-116.911644		X

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427	0	1	TUVU	RIPARIAN				5/14/2011	V	43.490631	-116.911643		
428	0	1	WESTERN FENCE LIZARD	RIPARIAN				5/14/2011	V	43.490629	-116.911644		
429	400	1	AMRO	RIPARIAN				5/14/2011	A	43.490624	-116.911655		
430	0	2	HOWR	RIPARIAN				5/14/2011	AV	43.490627	-116.911649		
431	0	1	BCHU	RIPARIAN				5/14/2011	V	43.490631	-116.911640		
432	0	2	BRBL	RIPARIAN				5/14/2011	VA	43.490636	-116.911605		
433	0	2	LAZB	RIPARIAN				5/14/2011	V	43.491162	-116.911661		
434	0	1	LASP	RIPARIAN				5/14/2011	V	43.491141	-116.911641		
435	0	1	BUOR	RIPARIAN				5/14/2011	A	43.491137	-116.911641		
436	0	2	LBCU	RIPARIAN				5/14/2011	VA	43.491289	-116.911719		X
437	100	1	AMRO	RIPARIAN				5/14/2011	V	43.491842	-116.911329		
438	300	1	CORA					5/14/2011	V	43.491847	-116.911332		
439	250	2	EUST	RIPARIAN				5/14/2011	V	43.491846	-116.911336		
440	250	1	KILL	PASTURE				5/14/2011	VA	43.491839	-116.911386		
441	0	1	WETA	RIPARIAN				5/14/2011	V	43.491460	-116.911682		
441	0	2	BUOR	RIPARIAN				5/14/2011	V	43.491828	-116.911402		
442	0	3	SNAKE	PASTURE				5/14/2011	V	43.491635	-116.912124	BIEGE COLORED	
443	500	1	WEME	SHRUB STEPPE				5/14/2011	A	43.491650	-116.912131		
445	200	5	HOLA	SHRUB STEPPE				5/14/2011	V	43.492431	-116.916082		
446	200	1	WEME	SHRUB STEPPE				5/14/2011	A	43.492663	-116.919759		
447	0	1	NOHA	SHRUB STEPPE				5/14/2011	V	43.492811	-116.923584		
448	50	1	BLACK-TAILED JACKRABBIT	SHRUB STEPPE				5/14/2011	V	43.492169	-116.925399		
448	0	2	BLACK-TAILED JACKRABBIT	SHRUB STEPPE				5/14/2011	V	43.492400	-116.926492		
449	100	2	LASP	SHRUB STEPPE				5/14/2011	A	43.492401	-116.926495		
450	300	2	WEME	SHRUB STEPPE				5/14/2011	A	43.492412	-116.926526		
451	250	1	LASP	SHRUB STEPPE				5/14/2011	V	43.491924	-116.934551		
452	400	4	WEME	SHRUB STEPPE				5/14/2011	A	43.491946	-116.934582		
453	800	1	LBCU	SHRUB STEPPE				5/14/2011	A	43.491950	-116.934586		X
454	200	2	ROWR	SHRUB STEPPE				5/14/2011	VA	43.491947	-116.934588		
455	150	3	WESTERN FENCE LIZARD	SHRUB STEPPE				5/14/2011	V	43.492145	-116.936081		
456	150	1	SNAKE	SHRUB STEPPE				5/14/2011	V	43.492133	-116.936084	BIEGE COLORED	
457	150	1	HOLA	SHRUB STEPPE				5/14/2011	V	43.492134	-116.936085		
457	150	2	LASP	SHRUB STEPPE				5/14/2011	V	43.492134	-116.936084		
458	0	1	TUVU	SHRUB STEPPE				5/14/2011	V	43.492370	-116.936477		
459	0	1	CORA	SHRUB STEPPE				5/14/2011	V	43.492545	-116.937058		
460	0	1	GOEA	SHRUB STEPPE				5/14/2011	V	43.492767	-116.938567		
461	0	1	OSPR	SHRUB STEPPE				5/14/2011	V	43.492768	-116.938607		
462	200	1	WESTERN FENCE LIZARD	SHRUB STEPPE				5/14/2011	V	43.491878	-116.942458		
463	400	1	ROWR	SHRUB STEPPE				5/14/2011	A	43.491885	-116.942469		
464	0	2	CORA	GRASS				5/14/2011	V	43.491880	-116.942466		
465	300	1	ROWR	GRASS				5/14/2011	A	43.493198	-116.945402		
466	100	1	PRFA	GRASS				5/14/2011	V	43.494332	-116.945728		X
467	500	2	WEME	GRASS				5/14/2011	A	43.495166	-116.947003		
468	0	3	ROPI	GRASS				5/14/2011	V	43.495171	-116.947005		
469	0	1	CHUK	SHRUB STEPPE				5/14/2011	V	43.495858	-116.948510		
469	0	1	BBMA	GRASS				5/14/2011	V	43.506741	-116.956701		
470	100	1	ROWR	SHRUB STEPPE				5/14/2011	A	43.495860	-116.948511		
471	100	1	MOUNTAIN COTTONTAIL	SHRUB STEPPE				5/14/2011	V	43.497194	-116.948805		
472	250	2	CAQU	SHRUB STEPPE				5/14/2011	V	43.497194	-116.948806		
473	250	1	WESTERN FENCE LIZARD	SHRUB STEPPE				5/14/2011	V	43.497397	-116.948747		
474	250	2	WEME	SHRUB STEPPE				5/14/2011	VA	43.498508	-116.948444		
474	750	1	AMKE	SHRUB STEPPE				5/14/2011	V	43.498773	-116.948702		
475	300	1	LASP	SHRUB STEPPE				5/14/2011	V	43.499244	-116.948826		
476	250	1	ROWR	SHRUB STEPPE				5/14/2011	A	43.501795	-116.952300		
477	0	1	RTHA	GRASS				5/14/2011	V	43.503378	-116.953398		
478	0	2	ROPI	GRASS				5/14/2011	V	43.503379	-116.953381		
478	500	3	AMKE	GRASS				5/14/2011	V	43.505450	-116.956311	LIKELY NEST NEAR BY	
479	100	1	ROWR	GRASS				5/14/2011	V	43.506895	-116.957670		
480	250	1	GOPHER SNAKE	GRASS				5/14/2011	V	43.507124	-116.957992		
481	250	1	SNAKE	GRASS				5/14/2011	V	43.507684	-116.957816	GREEN COLORED	
483	1000	1	LBCU	GRASS				5/14/2011	V	43.508577	-116.959512		X
484	0	1	SWHA	GRASS				5/14/2011	V	43.508578	-116.959498		X
485	500	4	WEME	SHRUB STEPPE				5/14/2011	A	43.509830	-116.960704		
486	250	1	LASP	SHRUB STEPPE				5/14/2011	V	43.509830	-116.960709		
486	250	2	VESP	SHRUB STEPPE				5/14/2011	VA	43.510967	-116.962347		
487	1000	1	CAQU	SHRUB STEPPE				5/14/2011	V	43.510960	-116.962343		
488	500	1	LAZB	SHRUB STEPPE				5/14/2011	V	43.510973	-116.962343		
400	50	0	PRFA-NEST	ROCK OUTCROP				5/15/2011	NEST	43.961929	-117.477912		X
401	0	2	PRFA	ROCK				5/15/2011	AV	43.961924	-117.477917		X
402	100	1	WESTERN RATTLESNAKE	SHRUB				5/15/2011	V	43.960972	-117.477786		
403	50	1	LAZB	SHRUB				5/15/2011	AV	43.960973	-117.477793		
403	200	2	ROWR	SHRUB				5/15/2011	AV	43.960973	-117.477785		
405	0	4	BHCO	RIPARIAN				5/15/2011	AV	43.959070	-117.476979		
406	100	2	WEME	SHRUB				5/15/2011	AV	43.959074	-117.476973		
407	200	1	MODO	RIPARIAN				5/15/2011	A	43.959074	-117.476978		

ID	DIST	QUANT	SPECIES	HABITAT	AGE	GENDER	PHOTO	DATE	OBSTYPE	LAT	LONG	COMMENTS	SSS
408	150	2	RWBL	RIPARIAN				5/15/2011	A	43.959068	-117.476982		
409	200	1	AWPE	RIPARIAN				5/15/2011	V	43.959187	-117.477159		X
411	250	3	MALL	RIPARIAN				5/15/2011	V	43.959191	-117.477153		
412	200	1	CANW	TALUS SLOPE				5/15/2011	A	43.960984	-117.478725		
413	150	4	ROPI	ROCK OUTCROP				5/15/2011	V	43.960984	-117.478727		
414	0	1	TUVU	SHRUB				5/15/2011	V	43.961921	-117.477948		
415	30	1	WESTERN FENCE LIZARD	GRASS				5/15/2011	V	43.963048	-117.478260		
416	150	2	ROWR	GRASS				5/15/2011	AV	43.963047	-117.478265		
417	200	1	MOJAVE BLACK-COLLARED LIZARD	GRASS				5/15/2011	V	43.967557	-117.480143		X
418	200	5	WEME	GRASS				5/15/2011	A	43.967558	-117.480120		
419	200	2	HOLA	GRASS				5/15/2011	A	43.967559	-117.480121		
420	100	2	GRSP	GRASS				5/15/2011	AV	43.967874	-117.479769		X
421	500	1	LBCU	GRASS				5/15/2011	A	43.972337	-117.480873		X
423	150	6	HOLA	GRASS				5/15/2011	AV	43.972334	-117.480877		
424	0	3	LBCU	GRASS				5/15/2011	AV	43.975679	-117.481271		X
425	100	3	WEME	GRASS				5/15/2011	AV	43.975682	-117.481269		
426	0	6	HOLA	GRASS				5/15/2011	AV	43.975683	-117.481270		
426	100	5	HOLA	GRASS				5/15/2011	AV	43.979912	-117.482720		
427	50	10	HOLA	GRASS				5/15/2011	A	43.981069	-117.482878		
427	500	1	LASP	SHRUB				5/15/2011	A	43.981071	-117.482878		
428	50	7	WEME	GRASS				5/15/2011	AV	43.981069	-117.482877		
429	0	4	LASP	SHRUB				5/15/2011	AV	43.985396	-117.482957		
430	150	7	WEME	SHRUB				5/15/2011	AV	43.985540	-117.482897		
431	0	1	CORA	SHRUB				5/15/2011	AV	43.986488	-117.484107		
431	0	1	MODO	SHRUB				5/15/2011	V	43.989547	-117.484759		
432	100	2	LASP	SHRUB				5/15/2011	A	43.989553	-117.484757		
433	100	5	WEME	SHRUB				5/15/2011	AV	43.989555	-117.484756		
434	50	6	LASP	SHRUB				5/15/2011	AV	43.990628	-117.484912		
437	0	2	BRSP	SHRUB				5/15/2011	AV	43.994454	-117.486584		
438	200	1	CAQU	SHRUB				5/15/2011	A	43.994457	-117.486582		
439	0	6	WEME	SHRUB				5/15/2011	AV	43.995391	-117.485958		
440	300	1	CHUK	SHRUB				5/15/2011	A	43.995390	-117.485963		
441	200	3	LASP	SHRUB				5/15/2011	AV	43.996591	-117.486775		
442	150	6	WEME	SHRUB				5/15/2011	AV	43.996638	-117.486749		
445	0	1	PRONGHORN ANTELOPE	GRASS				5/15/2011	V	43.979954	-117.481959		
500	500	1	AMKE	SHRUB				5/15/2011	V	43.613328	-117.078591		
501	100	2	WEME	SHRUB				5/15/2011	A	43.613314	-117.078564	RAINING	
502	0	2	WEME	SHRUB				5/15/2011	a	43.611906	-117.078279		
503	0	1	BRSP	SHRUB				5/15/2011	VA	43.610910	-117.077774	RAIN	
504	500	12	CHSP	SHRUB STEPPE				5/15/2011	VA	43.607690	-117.087811		
504	0	1	BRSP	SHRUB				5/15/2011	A	43.612519	-117.077870	RAIN	
504	100	5	HOLA	SHRUB				5/15/2011	AV	44.032781	-117.482275		
505	500	1	WEKI	SHRUB STEPPE				5/15/2011	V	43.607690	-117.087811		
505	0	1	LASP	SHRUB				5/15/2011	VA	43.613089	-117.077905	RAIN	
505	250	6	ROPI	SHRUB				5/15/2011	V	43.613664	-117.078642	RAIN	
506	250	6	WEME	SHRUB STEPPE				5/15/2011	VA	43.607690	-117.087811		
506	500	4	RWBL	SHRUB				5/15/2011	AV	43.613664	-117.078641	RAIN	
507	200	1	ROWR	SHRUB STEPPE				5/15/2011	A	43.607690	-117.087811		
509	0	2	LASP	SHRUB STEPPE				5/15/2011	V	43.607031	-117.085789		
510	200	1	VESP	SHRUB STEPPE				5/15/2011	A	43.607033	-117.085792		
511	250	2	WCSP	SHRUB STEPPE				5/15/2011	AV	43.606913	-117.085672		
512	150	1	CAQU	SHRUB STEPPE				5/15/2011	A	43.602272	-117.084280		
513	500	3	RWBL	SHRUB STEPPE				5/15/2011	VA	43.602267	-117.084277		
514	500	3	BRBL	SHRUB STEPPE				5/15/2011	VA	43.602268	-117.084275		
515	500	6	CLSW	SHRUB STEPPE				5/15/2011	V	43.602266	-117.084274		
516	1000	1	RNEP	SHRUB STEPPE				5/15/2011	A	43.602267	-117.084275		
517	500	1	WCSP	SHRUB STEPPE				5/15/2011	V	43.600969	-117.084291		
517	250	1	WISN	SHRUB STEPPE				5/15/2011	A	43.602266	-117.084275		
518	400	4	WEME	SHRUB STEPPE				5/15/2011	A	43.600026	-117.085155		
519	500	1	LBCU	SHRUB STEPPE				5/15/2011	A	43.598459	-117.084922		X
520	400	6	MALL	CANAL				5/15/2011	V	43.598462	-117.084924		
521	400	15	CLSW	CANAL				5/15/2011	V	43.598464	-117.084925		
521	0	1	LBCU	SHRUB STEPPE				5/15/2011	V	43.598464	-117.084922		X
522	100	5	HOLA	GRASS				5/15/2011	VA	43.596664	-117.085527		
523	100	1	LASP	GRASS				5/15/2011	V	43.596663	-117.085538		
524	200	2	HOLA	GRASS				5/15/2011	VA	43.592621	-117.083846		
525	0	1	SNAKE	CANAL				5/15/2011	V	43.592620	-117.083847	BIEGE COLORED	
526	0	5	CLSW	CANAL				5/15/2011	V	43.592620	-117.083848		
527	200	3	WEME	GRASS				5/15/2011	A	43.592620	-117.083849		
528	0	1	MODO	GRASS				5/15/2011	V	43.592387	-117.083925		
533	500	1	WEKI	GRASS				5/15/2011	V	43.587027	-117.077460		
537	250	2	VGSW	SHRUB STEPPE				5/15/2011	V	43.586470	-117.075689		
600	300	4	WEME	SHRUB				5/15/2011	AV	44.030096	-117.482693		
601	200	2	BRSP	SHRUB				5/15/2011	AV	44.030722	-117.482731		

ID	DIST	QUANT	SPECIES	HABITAT	AGE	GENDER	PHOTO	DATE	OBSTYPE	LAT	LONG	COMMENTS	SSS
602	200	3	WEME	SHRUB				5/15/2011	A	44.032524	-117.482419		
603	0	2	BRSP	SHRUB				5/15/2011	AV	44.032528	-117.482431		
605	300	2	BRSP	SHRUB				5/15/2011	A	44.036397	-117.479741		
606	250	3	WEME	SHRUB				5/15/2011	A	44.036396	-117.479742		
607	400	1	CAQU	SHRUB				5/15/2011	A	44.036396	-117.479742		
607	200	1	BRSP	SHRUB				5/15/2011	V	44.036964	-117.479024		
608	100	3	HOLA	SHRUB				5/15/2011	AV	44.038056	-117.478409		
609	200	6	WEME	SHRUB				5/15/2011	AV	44.038553	-117.478163		
610	300	4	WEME	SHRUB				5/15/2011	AV	44.041727	-117.477000		
611	100	2	BRSP	SHRUB				5/15/2011	V	44.041729	-117.477000		
613	100	1	LASP	SHRUB				5/15/2011	A	44.042342	-117.476379		
614	200	4	BRSP	SHRUB				5/15/2011	AV	44.043593	-117.476135		
615	300	1	LASP	SHRUB				5/15/2011	A	44.043614	-117.476106		
620	200	3	WEME	SHRUB				5/15/2011	A	44.044582	-117.476284		
622	50	3	CHSP	SHRUB				5/15/2011	V	44.045959	-117.476439		
623	100	1	LASP	SHRUB				5/15/2011	V	44.045965	-117.476433		
624	0	1	BRSP	SHRUB				5/15/2011	V	44.046201	-117.476335		
624	300	2	LASP	SHRUB				5/15/2011	V	44.046201	-117.476335		
625	0	5	WEME	SHRUB				5/15/2011	A	44.046763	-117.476052		
626	0	2	LASP	SHRUB				5/15/2011	AV	44.048807	-117.475943		
627	150	3	BRSP	SHRUB				5/15/2011	V	44.048807	-117.475940		
627	200	2	LASP	SHRUB				5/15/2011	AV	44.052889	-117.475755		
628	150	5	WEME	SHRUB				5/15/2011	AV	44.051073	-117.475855		
628	150	5	WEME	SHRUB				5/15/2011	AV	44.054455	-117.475432		
629	250	1	LASP	SHRUB				5/15/2011	AV	44.052431	-117.475919		
629	400	1	MODO	SHRUB				5/15/2011	A	44.054460	-117.475436		
629	200	3	LASP	SHRUB				5/15/2011	V	44.054469	-117.475433		
630	200	3	WEME	SHRUB				5/15/2011	AV	44.057451	-117.475204		
631	200	3	WEME	SHRUB				5/15/2011	AV	44.062146	-117.474760		
632	0	1	GRAP	SHRUB				5/15/2011	V	44.063682	-117.475190		
633	0	3	HOLA	SHRUB				5/15/2011	AV	44.063695	-117.475203		
634	200	2	BRSP	SHRUB				5/15/2011	AV	44.066203	-117.474706		
635	50	4	WEME	SHRUB				5/15/2011	AV	44.066198	-117.474705		
636	0	35	CHSP	SHRUB				5/15/2011	V	44.066806	-117.474793	IN AREA OF BURNED SAGE	
637	0	2	LASP	SHRUB				5/15/2011	AV	44.066802	-117.474790		
638	300	4	BRSP	SHRUB				5/15/2011	AV	44.067071	-117.474537		
639	150	2	HOLA	SHRUB				5/15/2011	AV	44.069076	-117.474439		
640	0	1	YRWA	SHRUB				5/15/2011	V	44.069672	-117.474597		
641	150	1	LASP	SHRUB				5/15/2011	V	44.069673	-117.474595		
642	100	7	WEME	SHRUB				5/15/2011	AV	44.069673	-117.474595		
643	250	1	LASP	SHRUB				5/15/2011	V	44.072119	-117.474082		
644	500	1	MODO	SHRUB				5/15/2011	A	44.072121	-117.474078		
645	500	1	COYOTE	SHRUB				5/15/2011	A	44.072817	-117.474661		
1028	0	2	BRBL	GRASS				5/15/2011	VA	43.586324	-117.076465		
1029	0	2	BARS	GRASS				5/15/2011	V	43.586261	-117.076516		
1943	50	2	PRFA	SHRUB STEPPE				5/15/2011	VA	43.962013	-117.477626	NEST FOUND AT THIS POINT. INBUFFER THOUGH	X
1	0	1	BLACK-TAILED JACKRABBIT	SHRUB				5/23/2011	V	43.520043	-116.973063		
2	0	1	LASP	SHRUB				5/23/2011	VA	43.520344	-116.973490		
3	100	2	WEME	SHRUB				5/23/2011	A	43.520336	-116.973490		
4	750	2	CHUK	SHRUB				5/23/2011	A	43.521058	-116.974382		
5	0	1	WEKI	SHRUB				5/23/2011	V	43.522205	-116.976442		
6	50	2	WEME	SHRUB				5/23/2011	A	43.522212	-116.976438		
7	0	2	BRSP	SHRUB				5/23/2011	A	43.522316	-116.976990		
7	750	2	CORA	SHRUB				5/23/2011	A	43.522316	-116.976989		
8	0	2	LASP	SHRUB				5/23/2011	A	43.522232	-116.977301		
9	50	3	WEME	SHRUB				5/23/2011	A	43.523273	-116.978851		
10	0	4	CLSW	GRASS				5/23/2011	V	43.523680	-116.979662		
11	50	3	WEME	GRASS				5/23/2011	VA	43.525885	-116.982546		
12	500	1	RTHA	GRASS				5/23/2011	V	43.525887	-116.982547		
13	0	1	GRSP	AG/GRASS				5/23/2011		43.526639	-116.984077		X
15	50	1	LASP	GRASS				5/23/2011	A	43.526958	-116.984815		
16	250	1	MODO	GRASS				5/23/2011	A	43.526957	-116.984816		
18	0	1	LAZB	SHRUB				5/23/2011	V	43.527404	-116.985511		
19	500	1	CANW	SHRUB				5/23/2011	A	43.527402	-116.985511		
19	100	2	LASP	SHRUB				5/23/2011	A	43.527620	-116.985956		
20	250	1	ROWR	SHRUB				5/23/2011	A	43.528108	-116.986923		
21	100	2	WEME	SHRUB				5/23/2011	A	43.528107	-116.986922		
22	250	2	LASP	SHRUB				5/23/2011	A	43.528104	-116.986921		
23	0	3	CHSP	SHRUB				5/23/2011	VA	43.528463	-116.987554		
24	500	1	CAQU	SHRUB				5/23/2011	A	43.528624	-116.988049		
25	250	2	LAZB	SHRUB				5/23/2011	VA	43.529400	-116.988721		
26	250	1	ROWR	SHRUB				5/23/2011	VA	43.529406	-116.988717		
27	0	1	TUVU	SHRUB				5/23/2011	V	43.529000	-116.989229		
28	0	10	CLSW	SHRUB				5/23/2011	VA	43.528991	-116.989209		
29	100	1	WESTERN RATTLESNAKE	SHRUB				5/23/2011	V	43.528958	-116.989793		

ID	DIST	QUANT	SPECIES	HABITAT	AGE	GENDER	PHOTO	DATE	OBSTYPE	LAT	LONG	COMMENTS	SSS
29	1000	1	MODO	SHRUB				5/23/2011	A	43.529002	-116.989223		
30	0	1	LASP	SHRUB				5/23/2011	VA	43.529031	-116.990229		
31	250	3	WEME	SHRUB				5/23/2011	A	43.529026	-116.990216		
32	0	2	WEME	SHRUB				5/23/2011	VA	43.530525	-116.993365		
33	50	2	ROWR	SHRUB				5/23/2011	A	43.530528	-116.993368		
34	100	3	WEME	SHRUB				5/23/2011	A	43.531529	-116.994744		
35	1000	1	CORA	SHRUB				5/23/2011	V	43.531945	-116.996011		
36	0	1	ROWR	SHRUB				5/23/2011	VA	43.531946	-116.996013		
37	0	1	WESTERN RATTLESNAKE	SHRUB				5/23/2011	VA	43.531943	-116.996006		
100	0	1	MOUNTAIN COTTONTAIL	SHRUB				5/23/2011	V	43.532252	-116.997126		
101	50	3	WEME	SHRUB				5/23/2011	VA	43.532256	-116.997127		
102	500	1	ROWR	SHRUB				5/23/2011	A	43.532245	-116.997131		
103	750	1	MODO	SHRUB				5/23/2011	A	43.532241	-116.997129		
301	200	2	ROWR	SHRUB				5/23/2011	A	43.528436	-116.989619		
391	250	2	LASP	SHRUB STEPPE				5/23/2011	V	43.515259	-116.967530		
394	500	10	WEME	SHRUB STEPPE				5/23/2011	AV	43.519691	-116.973744		
400	100	1	LASP	SHRUB				5/23/2011	A	43.528434	-116.989620		
490	200	2	LASP	SHRUB STEPPE				5/23/2011	AV	43.514722	-116.965806		
493	0	2	MODO	SHRUB STEPPE				5/23/2011	V	43.515251	-116.967531		
104	250	2	ROWR	SHRUB				5/24/2011	A	43.533670	-116.999251		
105	0	2	CHUK	SHRUB				5/24/2011	V	43.533879	-116.999992		
106	250	3	WEME	SHRUB				5/24/2011	A	43.533879	-116.999992		
107	100	2	CORA	SHRUB				5/24/2011	VA	43.534987	-117.000997		
108	0	2	LAZB	SHRUB				5/24/2011	V	43.535114	-117.001375		
109	100	2	MODO	SHRUB				5/24/2011	V	43.535112	-117.001375		
110	0	2	MODO	SHRUB				5/24/2011	V	43.535118	-117.001435		
111	0	1	MOUNTAIN COTTONTAIL	SHRUB				5/24/2011	V	43.535399	-117.002604		
112	500	2	ROWR	SHRUB				5/24/2011	A	43.535400	-117.002605		
113	750	1	CAQU	SHRUB				5/24/2011	A	43.535400	-117.002606		
114	250	3	WEME	SHRUB				5/24/2011	A	43.535400	-117.002607		
115	0	1	LAZB	SHRUB				5/24/2011	A	43.535955	-117.003349		
116	0	1	CHUK	SHRUB				5/24/2011	VA	43.536253	-117.003681		
117	500	2	MODO	SHRUB				5/24/2011	A	43.536254	-117.003679		
118	0	1	GRAP	GRASS				5/24/2011	VA	43.536117	-117.005940		
119	100	3	ROWR	GRASS				5/24/2011	VA	43.536115	-117.005940		
120	100	2	WEME	GRASS				5/24/2011	A	43.536114	-117.005939		
121	0	2	HOLA	GRASS				5/24/2011	V	43.537235	-117.007682		
122	0	1	ROWR	GRASS				5/24/2011	V	43.537236	-117.007682		
129	100	1	ROWR	GRAS				5/24/2011	A	43.541446	-117.014072		
130	100	2	WEME	GRASS				5/24/2011	VA	43.541445	-117.014071		
131	0	4	HOLA	GRASS				5/24/2011	VA	43.541444	-117.014071		
140	0	3	GRSP	GRASS				5/24/2011	A	43.545199	-117.018675		X
142	0	1	SIDE-BLOTCHED LIZARD	GRASS				5/24/2011	V	43.545198	-117.018678		
145	50	3	WEME	GRASS				5/24/2011		43.546480	-117.021373		
146	0	6	HOLA	GRASS				5/24/2011	VA	43.546481	-117.021374		
147	0	1	LASP	SHRUB				5/24/2011	A	43.546481	-117.021374		
148	0	1	ROWR	SHRUB				5/24/2011	A	43.547248	-117.022859		
149	50	2	WEME	SHRUB				5/24/2011	A	43.547248	-117.022858		
150	200	1	LAZB	SHRUB				5/24/2011	A	43.547248	-117.022858		
151	250	2	HOLA	SHRUB				5/24/2011	A	43.547249	-117.022859		
152	0	1	BRSP	SHRUB				5/24/2011		43.547247	-117.022861		
153	50	1	RTHA	SHRUB				5/24/2011	VA	43.548089	-117.024451		
154	50	1	CORA	SHRUB				5/24/2011	V	43.548089	-117.024452		
155	250	1	ROWR	SHRUB				5/24/2011	A	43.548088	-117.024452		
156	0	1	BRSP	SHRUB				5/24/2011	A	43.548737	-117.026341		
157	250	1	LAZB	SHRUB				5/24/2011	A	43.548739	-117.026341		
158	100	2	LASP	SHRUB				5/24/2011	A	43.548738	-117.026342		
159	100	1	LOSH	SHRUB				5/24/2011	V	43.548620	-117.026762		X
160	0	2	WEME	SHRUB				5/24/2011	A	43.548621	-117.026762		
160	0	2	LASP	SHRUB				5/24/2011	VA	43.550582	-117.026776		
161	50	2	WEME	SHRUB				5/24/2011	VA	43.550584	-117.026776		
162	0	1	LAZB	SHRUB				5/24/2011	V	43.550705	-117.026921		
163	0	2	LASP	SHRUB				5/24/2011	VA	43.550883	-117.027851		
164	0	3	LAZB	SHRUB				5/24/2011	V	43.551679	-117.027678		
165	0	1	ROWR	SHRUB				5/24/2011	A	43.551684	-117.027672		
186	50	4	HOLA	GRASS				5/24/2011	A	43.565882	-117.042668		
187	50	2	WEME	SHRUB				5/24/2011	A	43.565364	-117.043777		
188	0	2	CAQU	SHRUB				5/24/2011	VA	43.565374	-117.043766		
189	50	1	WEKI	SHRUB				5/24/2011	V	43.565365	-117.043777		
190	0	1	RWBL	GRASS				5/24/2011	A	43.566044	-117.043620		
191	0	1	AMKE	GRASS				5/24/2011	V	43.566609	-117.043683		
192	2000	1	TUVU	GRASS				5/24/2011	V	43.566608	-117.043686		
192	0	1	BBMA	GRASS				5/24/2011	V	43.567557	-117.046194		
193	0	4	HOLA	GRASS				5/24/2011	VA	43.569615	-117.047806		
194	50	6	HOLA	GRASS				5/24/2011	VA	43.571003	-117.049620		

ID	DIST	QUANT	SPECIES	HABITAT	AGE	GENDER	PHOTO	DATE	OBSTYPE	LAT	LONG	COMMENTS	SSS
195	50	7	HOLA	GRASS				5/24/2011	VA	43.571697	-117.051077		
196	750	1	RTHA	GRASS				5/24/2011	V	43.572858	-117.051687		
197	0	6	HOLA	GRASS				5/24/2011	VA	43.572860	-117.051690		
198	500	1	COYOTE	GRASS				5/24/2011	V	43.573583	-117.053583		
199	100	2	WEME	GRASS				5/24/2011	A	43.573583	-117.053588		
200	0	5	HOLA	GRASS				5/24/2011	VA	43.575058	-117.055163		
213	0	3	CAQU	SHRUB				5/24/2011	V	43.585828	-117.073098		
457	250	1	WEME	GRASS				5/24/2011	A	43.545197	-117.016244		
532	0	2	WAVI	RIPARIAN				5/24/2011	V	43.587585	-117.074523		
533	0	2	LAZB					5/24/2011		43.586825	-117.074823		
534	0	3	YRWA	RIPARIAN				5/24/2011	V	43.586829	-117.074835		
535	250	1	KILL	GRASS				5/24/2011	A	43.586848	-117.074850		
201	0	2	WEME	SHRUB				5/25/2011	A	43.582558	-117.067146		
201	50	4	RWBL	SHRUB				5/25/2011	VA	43.611042	-117.087762		
202	0	1	LASP	SHRUB				5/25/2011	A	43.582559	-117.067149		
202	0	1	LASP	SHRUB				5/25/2011	V	43.582790	-117.068418		
202	50	1	HOLA	SHRUB				5/25/2011	A	43.611042	-117.087763		
203	750	1	CAQU	GRASS				5/25/2011	A	43.582801	-117.068425		
203	0	3	WEME	SHRUB				5/25/2011	VA	43.611728	-117.088392		
204	0	50	ROPI	SHRUB				5/25/2011	V	43.582807	-117.068418		
204	0	6	HOLA	SHRUB				5/25/2011	VA	43.612295	-117.089110		
205	1000	1	CORA	SHRUB				5/25/2011	A	43.582806	-117.068418		
205	0	4	WEME	SHRUB				5/25/2011	VA	43.612295	-117.089110		
206	0	5	CLSW	SHRUB				5/25/2011	V	43.582910	-117.068519		
206	50	4	WEME	SHRUB				5/25/2011	VA	43.614180	-117.090225		
207	50	1	LASP	SHRUB				5/25/2011	VA	43.584591	-117.071163		
207	50	5	HOLA	SHRUB				5/25/2011	VA	43.614180	-117.090225		
208	0	3	CHSP	SHRUB				5/25/2011	VA	43.584586	-117.071164		
208	50	1	LASP	SHRUB				5/25/2011	A	43.614629	-117.090251		
209	0	1	BRSP	SHRUB				5/25/2011	V	43.584667	-117.071265		
209	0	5	AWPE	SHRUB				5/25/2011	V	43.615255	-117.090717		X
210	0	1	LAZB	SHRUB				5/25/2011	VA	43.584667	-117.071265		
210	50	4	MODO	GRASS				5/25/2011	VA	43.615582	-117.090995		
211	0	1	LASP	SHRUB				5/25/2011	VA	43.584668	-117.071269		
211	200	4	WEME	SHRUB				5/25/2011	A	43.615581	-117.090996		
211	0	3	MODO	GRASS				5/25/2011	V	43.616518	-117.091485		
212	0	2	LAZB	SHRUB				5/25/2011	V	43.585051	-117.071646		
212	750	1	LBCU	SHRUB				5/25/2011	A	43.616516	-117.091480		X
213	50	5	WEME	SHRUB				5/25/2011	VA	43.616699	-117.091577		
214	0	1	LASP	SHRUB				5/25/2011	V	43.617942	-117.092425		
215	0	2	WESTERN GROUND SNAKE	SHRUB			PIC TAKEN	5/25/2011	V	43.617941	-117.092426	SMALL SIZED	X
216	0	1	LASP	SHRUB				5/25/2011	A	43.619041	-117.093053		
217	50	4	WEME	SHRUB				5/25/2011	VA	43.619381	-117.093095		
218	0	1	PRFA	SHRUB				5/25/2011	V	43.620985	-117.094545		X
219	0	1	BBMA	SHRUB				5/25/2011	V	43.621808	-117.095103		
220	50	4	WEME	SHRUB				5/25/2011	VA	43.623588	-117.096177		
221	500	1	LASP	SHRUB				5/25/2011	A	43.623953	-117.096535		
222	1000	1	CORA	SHRUB				5/25/2011	A	43.625081	-117.096860		
223	0	2	LASP	SHRUB				5/25/2011	VA	43.626089	-117.097913		
224	100	2	LASP	SHRUB				5/25/2011	A	43.626404	-117.099206		
225	3	200	WEME	SHRUB				5/25/2011	A	43.626404	-117.099205		
226	100	1	BRSP	AG/SHRUB				5/25/2011		43.626403	-117.099204		
227	1250	2	LBCU	SHRUB				5/25/2011	A	43.627503	-117.098589		X
228	250	2	WEME	SHRUB				5/25/2011	A	43.627503	-117.098588		
229	0	1	LASP	SHRUB				5/25/2011	VA	43.628189	-117.099408		
230	50	1	ROWR	SHRUB				5/25/2011	A	43.628184	-117.099403		
231	0	2	LASP	SHRUB				5/25/2011	VA	43.629232	-117.099686		
232	0	2	WEME	SHRUB				5/25/2011	A	43.629234	-117.099691		
233	0	2	LASP	SHRUB				5/25/2011	VA	43.629805	-117.099633		
234	0	1	BBMA	SHRUB				5/25/2011	V	43.629804	-117.099634		
235	750	1	CAQU	GRASS				5/25/2011		43.630975	-117.100409		
236	0	2	LASP	SHRUB				5/25/2011	AV	43.630975	-117.100406		
237	100	3	WEME	SHRUB				5/25/2011	A	43.630975	-117.100405		
238	0	3	MODO	SHRUB				5/25/2011	A	43.630975	-117.100410		
239	0	5	MODO	SHRUB				5/25/2011	VA	43.631929	-117.101126		
240	100	1	ROWR	SHRUB				5/25/2011	A	43.631929	-117.101126		
241	0	2	BRSP	SHRUB				5/25/2011	VA	43.632684	-117.102226		
242	0	1	BBMA	SHRUB				5/25/2011	V	43.632677	-117.102219		
243	200	1	GOPHER SNAKE	SHRUB				5/25/2011	V	43.633351	-117.102916		
244	250	1	LASP	SHRUB				5/25/2011	A	43.634263	-117.102876		
245	100	1	WEME	SHRUB				5/25/2011	A	43.634263	-117.102877		
246	50	2	LASP	SHRUB				5/25/2011	A	43.635993	-117.103648		
247	0	2	LASP	SHRUB				5/25/2011	VA	43.637824	-117.105142		
248	0	4	YRWA	SHRUB				5/25/2011	VA	43.638355	-117.105419		
249	500	2	RTHA	SHRUB				5/25/2011	VA	43.638356	-117.105419		

ID	DIST	QUANT	SPECIES	HABITAT	AGE	GENDER	PHOTO	DATE	OBSTYPE	LAT	LONG	COMMENTS	SSS
250	250	1	CORA	SHRUB				5/25/2011	VA	43.638357	-117.105418		
251	250	2	WEME	SHRUB				5/25/2011	A	43.638355	-117.105415		
252	0	1	ROPI	SHRUB				5/25/2011	V	43.638356	-117.105416		
253	0	1	LAZB	SHRUB				5/25/2011	VA	43.638360	-117.105415		
254	500	1	LAZB	SHRUB				5/25/2011	A	43.639626	-117.105789		
255	0	2	WEKI	SHRUB				5/25/2011	V	43.639627	-117.105787		
256	500	2	WEME	SHRUB				5/25/2011	A	43.640711	-117.106674		
257	0	3	CLSW	SHRUB				5/25/2011	V	43.641286	-117.106696		
258	0	1	AMKE	SHRUB				5/25/2011	V	43.641713	-117.106924		
259	100	1	ROWR	SHRUB				5/25/2011	A	43.641712	-117.106926		
260	50	1	ROWR	SHRUB				5/25/2011	VA	43.643187	-117.108259		
261	50	2	LASP	SHRUB				5/25/2011	V	43.643187	-117.108258		
262	0	13	CLSW	SHRUB				5/25/2011	V	43.643181	-117.108261		
263	200	1	GOPHER SNAKE	SHRUB			PIC TAKEN	5/25/2011	V	43.644121	-117.108677		
264	250	3	LASP	SHRUB				5/25/2011	V	43.644123	-117.108673		
265	500	1	LAZB	SHRUB				5/25/2011	A	43.645169	-117.109120		
266	0	2	LASP	SHRUB				5/25/2011	V	43.645169	-117.109120		
267	250	1	LAZB	SHRUB				5/25/2011	A	43.645961	-117.109356		
268	100	3	LASP	SHRUB				5/25/2011	VA	43.646172	-117.109685		
269	0	2	LASP	SHRUB				5/25/2011	VA	43.646718	-117.110150		
270	0	2	WEME	SHRUB				5/25/2011	VA	43.646716	-117.110149		
271	0	1	NRWS	SHRUB				5/25/2011	V	43.647439	-117.110963	NOR ROUGHWING SWALLOW	
271	0	1	NRWS	SHRUB				5/25/2011	V	43.647439	-117.110963	NOR ROUGHWING SWALLOW	
272	250	1	GOPHER SNAKE	SHRUB				5/25/2011	V	43.648034	-117.111258		
273	250	3	LASP	SHRUB				5/25/2011	V	43.648035	-117.111257		
274	200	2	LASP	SHRUB				5/25/2011	A	43.649880	-117.111870		
275	0	2	LBCU	SHRUB				5/25/2011	V	43.650769	-117.112798		X
279	0	10	CLSW	SHRUB				5/25/2011	V	43.654919	-117.115203		
280	500	2	WEME	SHRUB				5/25/2011	A	43.654919	-117.115205		
281	750	1	LASP	SHRUB				5/25/2011	A	43.654919	-117.115204		
282	0	11	CLSW	SHRUB				5/25/2011	V	43.655673	-117.116023		
283	50	1	LASP	SHRUB				5/25/2011	V	43.657216	-117.116246		
284	50	2	MODO	SHRUB				5/25/2011	V	43.657215	-117.116245		
285	0	1	YRWA	SHRUB				5/25/2011	VA	43.657215	-117.116245		
286	250	2	WEME	SHRUB				5/25/2011	A	43.657214	-117.116244		
287	0	1	RTHA	SHRUB				5/25/2011	V	43.657660	-117.116524		
288	100	2	MODO	SHRUB				5/25/2011	V	43.659477	-117.117997		
289	500	1	RTHA	SHRUB				5/25/2011	V	43.659519	-117.118135		
290	100	1	LASP	SHRUB				5/25/2011	A	43.659523	-117.118131		
291	100	1	WEME	SHRUB				5/25/2011	A	43.659988	-117.118402		
292	500	3	WEME	SHRUB				5/25/2011	A	43.661651	-117.119136		
293	250	2	WEME	SHRUB				5/25/2011	AV	43.662797	-117.118987		
294	500	1	GOEA	SHRUB				5/25/2011	V	43.663008	-117.119535		
296	0	9	CLSW	GRASS				5/25/2011	V	43.664219	-117.120166		
297	250	1	SWHA	GRASS				5/25/2011	V	43.664814	-117.120275		X
297	0	11	CLSW	GRASS				5/25/2011	V	43.665865	-117.121176		
298	200	1	HOLA	GRASS				5/25/2011	V	43.665861	-117.121178		
299	250	1	CORA	GRASS				5/25/2011	VA	43.666611	-117.121608		
300	100	3	AMKE	GRASS				5/25/2011	V	43.668209	-117.122915		
301	500	2	WEME	GRASS				5/25/2011	A	43.669714	-117.122561		
302	0	1	GOEA	GRASS				5/25/2011	V	43.671057	-117.126708		
500	0	1	WEKI	SHRUB STEPPE				5/25/2011	V	43.610677	-117.088595		
501	150	2	LASP	SHRUB STEPPE				5/25/2011	V	43.610678	-117.088598		
502	250	10	LBCU	GRASS				5/25/2011	A	43.610689	-117.088591		X
276	100	1	WEME	SHRUB				5/26/2011	A	43.651939	-117.113142		
277	0	2	RTHA	SHRUB				5/26/2011	V	43.652770	-117.113884		
277	0	2	BRSP	SHRUB				5/26/2011	V	43.653181	-117.114509		
278	100	2	LASP	SHRUB				5/26/2011	V	43.653415	-117.114196		
312	50	1	SATH	SHRUB				5/26/2011	V	43.899370	-117.443621		X
313	0	1	SATH	SHRUB			PIC TAKEN	5/26/2011	V	43.899693	-117.443697		X
314	0	2	LASP	SHRUB				5/26/2011	VA	43.900089	-117.443887		
315	250	4	LASP	SHRUB				5/26/2011	VA	43.901119	-117.444094		
316	250	3	WEME	SHRUB				5/26/2011	VA	43.901120	-117.444093		
317	100	2	BRSP	SHRUB				5/26/2011	A	43.901121	-117.444093		
318	0	1	BRBL	SHRUB				5/26/2011	V	43.901767	-117.444098		
319	0	2	LASP	SHRUB				5/26/2011	V	43.902100	-117.444162		
320	100	1	BRSP	SHRUB				5/26/2011	A	43.902537	-117.444266		
321	100	2	WEME	SHRUB				5/26/2011	VA	43.902539	-117.444265		
322	100	2	LASP	SHRUB				5/26/2011	A	43.901890	-117.445956		
323	100	2	WEME	SHRUB				5/26/2011	A	43.901891	-117.445972		
324	200	3	BRSP	SHRUB				5/26/2011	VA	43.902818	-117.447160		
325	50	1	SATH	SHRUB				5/26/2011	A	43.903424	-117.446948		X
326	250	1	WEKI	SHRUB				5/26/2011	VA	43.903639	-117.447286		
327	50	2	WEME	SHRUB				5/26/2011	A	43.903639	-117.447286		
328	50	3	BRSP	SHRUB				5/26/2011	VA	43.904204	-117.447844		

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329	50	3	BRSP	SHRUB				5/26/2011	A	43.905617	-117.449761		
330	0	2	HOLA	SHRUB				5/26/2011	V	43.905972	-117.449856		
331	250	2	WEME	SHRUB				5/26/2011	A	43.905972	-117.449855		
332	100	2	BRSP	SHRUB				5/26/2011	A	43.906627	-117.449911		
333	100	2	WEME	SHRUB				5/26/2011	A	43.906625	-117.449912		
334	0	3	LASP	SHRUB				5/26/2011	VA	43.907509	-117.450127		
335	0	2	HOLA	SHRUB				5/26/2011	VA	43.907519	-117.450133		
336	200	3	BRSP	SHRUB				5/26/2011	A	43.909498	-117.451732		
337	50	1	HOLA	SHRUB				5/26/2011	A	43.909499	-117.451733		
338	100	2	WEME	SHRUB				5/26/2011	A	43.909499	-117.451732		
339	50	1	BRSP	SHRUB				5/26/2011	A	43.911245	-117.453353		
340	100	3	WEME	SHRUB				5/26/2011	AV	43.911246	-117.453348		
341	0	2	HOLA	SHRUB				5/26/2011	V	43.911243	-117.453346		
342	50	1	LASP	SHRUB				5/26/2011	VA	43.911243	-117.453346		
343	50	2	BRSP	SHRUB				5/26/2011	A	43.912500	-117.453234		
344	100	2	WEME	SHRUB				5/26/2011	A	43.912502	-117.453237		
345	0	1	COYOTE	SHRUB				5/26/2011	V	43.913761	-117.452522		
346	250	1	BRSP	SHRUB				5/26/2011	A	43.914359	-117.452920		
347	250	2	WEME	SHRUB				5/26/2011	A	43.914358	-117.452921		
348	250	2	WEME	SHRUB				5/26/2011	A	43.916076	-117.452582		
349	1500	2	CORA	SHRUB				5/26/2011	VA	43.916461	-117.452662		
350	100	2	LASP	SHRUB				5/26/2011	A	43.916459	-117.452660		
351	0	1	GRAP	SHRUB				5/26/2011	V	43.917302	-117.452683		
352	0	2	LASP	SHRUB				5/26/2011	VA	43.917303	-117.452684		
353	100	1	WEKI	SHRUB				5/26/2011	V	43.919962	-117.454461		
354	0	1	CLSW	SHRUB				5/26/2011	V	43.920415	-117.454521		
355	100	1	WEKI	SHRUB				5/26/2011	V	43.937363	-117.464197		
356	100	1	HOLA	SHRUB				5/26/2011	V	43.937370	-117.464206		
357	250	3	WEME	SHRUB				5/26/2011	A	43.937433	-117.464332		
358	100	1	LASP	SHRUB				5/26/2011	A	43.937644	-117.464692		
359	100	1	WEKI	SHRUB				5/26/2011	VA	43.937645	-117.464696		
360	100	2	HOLA	SHRUB				5/26/2011	A	43.938670	-117.466116		
361	50	2	LASP	SHRUB				5/26/2011	VA	43.939601	-117.466618		
362	50	3	WEME	SHRUB				5/26/2011	VA	43.941646	-117.466857		
363	50	3	HOLA	SHRUB				5/26/2011	VA	43.941644	-117.466856		
364	500	2	CORA	SHRUB				5/26/2011	V	43.943423	-117.466549		
365	50	6	HOLA	GRASS				5/26/2011		43.943442	-117.466533		
366	50	1	LASP	SHRUB				5/26/2011	A	43.903365	-117.444604		
500	200	1	LASP	SHRUB				5/26/2011	A	43.895490	-117.445145		
501	100	1	BRSP	SHRUB				5/26/2011	A	43.895479	-117.445147		
502	0	2	LASP	SHRUB				5/26/2011	VA	43.896097	-117.445048		
503	50	1	BRSP	SHRUB				5/26/2011	A	43.896265	-117.444815		
504	50	1	BHCO	SHRUB				5/26/2011	VA	43.897195	-117.444325		
505	50	1	LASP	SHRUB				5/26/2011	V	43.897196	-117.444326		
506	0	1	SWHA	SHRUB				5/26/2011	V	43.897394	-117.444390		X
507	200	1	WEME	SHRUB				5/26/2011	V	43.897394	-117.444389		
508	50	3	BRSP	SHRUB				5/26/2011	A	43.898268	-117.444411		
509	100	2	LASP	SHRUB				5/26/2011	VA	43.898611	-117.444299		
510	0	2	BRSP	SHRUB				5/26/2011	VA	43.899549	-117.443795		
511	100	2	WEME	SHRUB				5/26/2011	A	43.899550	-117.443796		
512	0	1	LASP	SHRUB				5/26/2011	V	43.899635	-117.443761		
567	100	3	WEME	SHRUB				5/26/2011	A	43.904925	-117.444726		
568	100	1	BRSP	SHRUB				5/26/2011	A	43.905106	-117.444866		
569	100	1	MODO	SHRUB				5/26/2011	A	43.905743	-117.445194		
570	50	1	LASP	SHRUB				5/26/2011	A	43.906572	-117.445387		
571	250	1	ROWR	SHRUB				5/26/2011	A	43.906965	-117.445636		
572	0	1	CLSW	SHRUB				5/26/2011	V	43.906967	-117.445632		
573	250	2	WEME	SHRUB				5/26/2011	A	43.906968	-117.445631		
574	250	1	BRSP	SHRUB				5/26/2011	A	43.906968	-117.445631		
575	250	1	LASP	SHRUB				5/26/2011	A	43.907929	-117.446097		
576	0	1	RTHA	SHRUB				5/26/2011	V	43.908488	-117.446323		
577	200	2	BRSP	SHRUB				5/26/2011	A	43.908923	-117.446411		
578	200	3	WEME	SHRUB				5/26/2011	AV	43.908925	-117.446411		
579	0	2	LASP	SHRUB				5/26/2011	V	43.909572	-117.446959		
580	50	1	BRSP	SHRUB				5/26/2011	A	43.910094	-117.446896		
581	1500	1	TUVU	SHRUB				5/26/2011	V	43.910681	-117.445404		
582	250	1	CLSW	SHRUB				5/26/2011	V	43.910680	-117.445404		
585	0	1	BLACK-TAILED JACKRABBIT	SHRUB				5/26/2011	V	43.911836	-117.446743		
586	100	2	BRSP	SHRUB				5/26/2011	A	43.912405	-117.446881		
587	250	2	ROWR	SHRUB				5/26/2011	A	43.912405	-117.446879		
588	100	3	WEME	SHRUB				5/26/2011	A	43.912404	-117.446879		
589	0	1	BLACK-TAILED JACKRABBIT	SHRUB	JUV			5/26/2011	V	43.912402	-117.446887		
590	0	1	MODO	SHRUB				5/26/2011	V	43.912450	-117.446903		
591	0	3	CLSW	SHRUB				5/26/2011	V	43.912615	-117.446989		
592	0	1	BLACK-TAILED JACKRABBIT	SHRUB	JUV			5/26/2011	V	43.912616	-117.446991		

ID	DIST	QUANT	SPECIES	HABITAT	AGE	GENDER	PHOTO	DATE	OBSTYPE	LAT	LONG	COMMENTS	SSS
593	0	1	SATH	SHRUB				5/26/2011	V	43.903598	-117.443581		X
594	0	1	LONGNOSE LEOPARD LIZARD	SHRUB			PIC TAKEN	5/26/2011	V	43.904013	-117.443053		
595	750	1	CHUK	SHRUB				5/26/2011	A	43.904422	-117.442490		
596	100	2	LASP	SHRUB				5/26/2011	V	43.905639	-117.441441		
599	0	2	BARS	GRASS				5/26/2011	VA	43.953221	-117.453565		
600	0	1	CLSW	GRASS				5/26/2011	V	43.953229	-117.453569		
601	0	11	RWBL	GRASS				5/26/2011	VA	43.953229	-117.453567		
602	50	2	WEME	SHRUB				5/26/2011	A	43.953444	-117.454209		
603	50	1	YWAR	GRASS				5/26/2011	A	43.953462	-117.454279		
604	250	1	COYE	SHRUB				5/26/2011	A	43.953616	-117.454641		
605	100	1	LAZB	SHRUB				5/26/2011	A	43.953627	-117.454866		
606	0	9	RWBL	SHRUB				5/26/2011	VA	43.954002	-117.456014		
607	50	2	CORA	SHRUB				5/26/2011	VA	43.954007	-117.456035		
608	0	4	CLSW	SHRUB				5/26/2011	V	43.954043	-117.456102		
609	0	2	BARS	SHRUB				5/26/2011	VA	43.954108	-117.456279		
610	0	1	SOSP	SHRUB				5/26/2011	V	43.954282	-117.456832		
611	0	1	BUOR	SHRUB				5/26/2011	V	43.954385	-117.457271		
612	0	2	NRWS	SHRUB				5/26/2011	V	43.954383	-117.457272	NOR ROUGHWING	
613	0	5	NRWS	SHRUB				5/26/2011	VA	43.954380	-117.457267	NOR ROUGHWING SWALLOW	
614	100	4	MALL	SHRUB				5/26/2011	VA	43.954552	-117.458159		
615	0	1	YWAR	SHRUB				5/26/2011	V	43.954547	-117.458158		
616	0	9	RWBL	SHRUB				5/26/2011	VA	43.954567	-117.458273		
617	0	1	ROPI	SHRUB				5/26/2011	V	43.954575	-117.458336		
619	500	1	CAQU	SHRUB				5/26/2011	A	43.954923	-117.459781		
620	50	10	RWBL	SHRUB				5/26/2011	VA	43.954989	-117.460017		
621	0	6	BARS	SHRUB				5/26/2011	VA	43.955064	-117.460161		
622	0	3	CAQU	SHRUB				5/26/2011	V	43.955522	-117.460660		
623	250	3	WEME	SHRUB				5/26/2011	A	43.957312	-117.462016		
624	100	3	EUST	SHRUB				5/26/2011	VA	43.957658	-117.462329		
625	100	7	RWBL	SHRUB				5/26/2011	VA	43.958492	-117.463986		
627	200	7	CANG	SHRUB				5/26/2011	VA	43.957265	-117.465658		
628	150	2	SOSP	SHRUB				5/26/2011	A	43.957271	-117.465650		
629	100	1	DCCO	SHRUB				5/26/2011	V	43.957268	-117.465655	DOUBLE CRESTED CORM	
630	50	1	BUOR	SHRUB				5/26/2011	A	43.957258	-117.465663		
631	50	3	BUOR	SHRUB				5/26/2011	VA	43.957252	-117.465664		
632	50	1	PRFA	SHRUB				5/26/2011	V	43.956746	-117.466278		X
633	100	2	SOSP	SHRUB				5/26/2011	VA	43.956563	-117.466693		
634	50	3	CAQU	SHRUB				5/26/2011	VA	43.956493	-117.466831		
635	0	6	CLSW	SHRUB				5/26/2011	VA	43.955884	-117.467923		
636	50	1	MODO	SHRUB				5/26/2011	V	43.955856	-117.467963		
637	50	3	BEAVER	RIVER				5/26/2011	V	43.954955	-117.470287		
638	0	30	CLSW	SHRUB				5/26/2011		43.954953	-117.470372		
639	0	25	WFIB	SHRUB				5/26/2011	V	43.954714	-117.471203	WHITE FACED IBIS	
640	50	2	BUOR	SHRUB				5/26/2011	A	43.955212	-117.473196		
641	0	2	EUST	SHRUB				5/26/2011	V	43.955560	-117.474056		
642	0	2	MODO	SHRUB				5/26/2011	V	43.955565	-117.474051		
643	25	1	WEKI	SHRUB				5/26/2011	V	43.955562	-117.474050		
644	0	2	BUOR	SHRUB				5/26/2011	V	43.956012	-117.474616		
645	50	12	RWBL	SHRUB				5/26/2011	VA	43.957319	-117.477649		
646	200	1	LAZB	SHRUB				5/26/2011	A	43.957115	-117.478002		
647	0	6	NRWS	SHRUB				5/26/2011	V	43.957120	-117.478002	NOR ROUGHWING SWALLOW	
648	0	6	CLSW	SHRUB				5/26/2011	V	43.957120	-117.478028		
649	250	1	RNEP	SHRUB				5/26/2011	A	43.956072	-117.477274		
1	0	1	WEKI	GRASS				6/1/2011	VA	43.570281	-117.028809		
1	100	2	WEME	GRASS				6/1/2011		43.673107	-117.125024		
1	0	4	HOLA	SCRUB				6/1/2011	A	45.806577	-119.643049		
2	100	3	HOLA	GRASS				6/1/2011	VA	43.674458	-117.124917		
2	50	3	WEME	SCRUB				6/1/2011	A	45.806565	-119.643052		
3	250	1	LASP	GRASS				6/1/2011	A	43.677120	-117.126831		
3	0	1	WEKI	SCRUB				6/1/2011	V	45.806565	-119.643051		
4	500	2	WEME	GRASS				6/1/2011	A	43.677119	-117.126831		
4	300	1	NOHA	AG		F		6/1/2011	V	45.806565	-119.643050		
5	250	2	HOLA	GRASS				6/1/2011	V	43.677119	-117.126831		
5	1000	4	COYOTE	SCRUB				6/1/2011	A	45.806574	-119.643054		
6	0	1	AMKE	GRASS				6/1/2011	V	43.677521	-117.127164		
6	0	1	CORA	SCRUB				6/1/2011	V	45.806569	-119.643050		
7	0	2	ROWR	ROCKS				6/1/2011	A	43.678284	-117.127486		
7	0	2	ROPI	SCRUB				6/1/2011	V	45.806567	-119.643053		
8	0	1	WESTERN FENCE LIZARD	ROCKS				6/1/2011	V	43.678274	-117.127496		
8	200	1	SWHA	SCRUB				6/1/2011	V	45.806445	-119.639951		X
9	0	2	ROWR	ROCKS				6/1/2011	V	43.678369	-117.127653		
9	250	1	LBCU	GRASS				6/1/2011	A	45.806421	-119.639941		X
10	0	2	ROPI	GRASS				6/1/2011	V	43.678403	-117.127662		
10	0	2	RWBL	SCRUB				6/1/2011	AV	45.806400	-119.639267		

ID	DIST	QUANT	SPECIES	HABITAT	AGE	GENDER	PHOTO	DATE	OBSTYPE	LAT	LONG	COMMENTS	SSS
11	750	2	CHUK	GRASS				6/1/2011	A	43.678406	-117.127662		
11	150	2	HOLA	AG				6/1/2011	A	45.806389	-119.639007		
12	150	1	GRSP	GRASS				6/1/2011	A	43.678459	-117.127674		X
12	0	3	LBCU	SCRUB				6/1/2011	AV	45.806634	-119.635748		X
13	0	1	WESTERN RATTLESNAKE	GRASS	JUV			6/1/2011	VA	43.678993	-117.128102		
13	50	2	WEME	SCRUB				6/1/2011	AV	45.806635	-119.635740		
14	100	2	MODO	GRASS				6/1/2011	VA	43.679795	-117.128140		
14	200	1	RWBL	AG				6/1/2011	AV	45.806636	-119.635740		
15	200	3	WEME	GRASS				6/1/2011	A	43.680405	-117.128121		
15	300	2	LBCU	SCRUB				6/1/2011	AV	45.806894	-119.633987		X
16	250	3	ROWR	ROCKS				6/1/2011	A	43.680404	-117.128120		
16	200	2	BARS	SCRUB				6/1/2011	V	45.806613	-119.631646		
17	0	1	RACER	GRASS				6/1/2011	V	43.680972	-117.128552		
17	400	4	RWBL	SCRUB				6/1/2011	AV	45.806648	-119.631652		
18	0	1	WEKI	GRASS				6/1/2011	V	43.682843	-117.128894		
18	200	1	CLSW	SCRUB				6/1/2011	V	45.806661	-119.631637		
19	150	1	SIDE-BLOTCHED LIZARD	SHRUB				6/1/2011	V	43.682836	-117.128888		
19	150	1	WEKI	SCRUB				6/1/2011	V	45.806507	-119.629651		
20	100	1	SAGEBRUSH LIZARD	SHRUB				6/1/2011	V	43.683102	-117.129092		X
20	200	3	WEME	SCRUB				6/1/2011	A	45.806522	-119.629660		
21	250	4	WEME	GRASS				6/1/2011	A	43.683771	-117.129882		
21	100	2	WEKI	SCRUB				6/1/2011	AV	45.806703	-119.624613		
22	0	1	CORA	GRASS				6/1/2011	VA	43.683773	-117.129880		
22	0	1	WEME	SCRUB				6/1/2011	A	45.809631	-119.623653		
23	250	3	WEME					6/1/2011		43.688509	-117.131781		
23	250	1	LBCU	AG				6/1/2011	V	45.809627	-119.623653		X
24	100	1	HOLA	GRASS				6/1/2011	V	43.688517	-117.131782		
24	10	1	AMRO	AG				6/1/2011	V	45.811431	-119.623735		
25	1000	2	CHUK	GRASS				6/1/2011	A	43.688515	-117.131782		
25	0	2	BRBL	SCRUB				6/1/2011	AV	45.812496	-119.623906		
26	500	1	ROWR	ROCKS				6/1/2011	A	43.689114	-117.132117		
26	300	1	AMGO	WETLAND				6/1/2011	AV	45.814540	-119.624766		
27	0	1	LASP	SHRUB				6/1/2011	VA	43.690747	-117.132175		
27	250	1	SOSP	WETLAND				6/1/2011	AV	45.814542	-119.624773		
28	250	1	MODO	WETLAND				6/1/2011	AV	45.814541	-119.624769		
29	0	1	CLSW	SHRUB				6/1/2011	V	43.691058	-117.133238		
29	150	4	BHCO	WETLAND				6/1/2011	AV	45.814572	-119.624686		
30	0	1	LASP	SHRUB				6/1/2011	VA	43.691460	-117.133350		
30	200	4	EUST	WETLAND				6/1/2011	AV	45.814633	-119.624553		
31	250	3	WEME	GRASS				6/1/2011	A	43.694846	-117.134967		
31	0	20	RWBL	WETLAND				6/1/2011	AV	45.814632	-119.624553		
32	0	1	LASP	SHRUB				6/1/2011	V	43.696442	-117.135144		
32	100	2	SOSP	WETLAND				6/1/2011	AV	45.815205	-119.623472		
33	100	2	GRAP	GRASS				6/1/2011	V	43.696685	-117.135323		
33	200	2	MODO	WETLAND				6/1/2011	AV	45.815203	-119.623475		
34	200	1	LASP	GRASS				6/1/2011	A	43.697972	-117.136494		
34	300	1	KILL	AG				6/1/2011	A	45.815203	-119.623476		
35	250	2	WEME	GRASS				6/1/2011	AV	43.697963	-117.136493		
35	50	10	RWBL	WETLAND				6/1/2011	AV	45.818605	-119.623515		
36	500	2	ROWR	ROCKS				6/1/2011	A	43.698896	-117.136730		
36	200	2	BRBL	WETLAND				6/1/2011	V	45.818603	-119.623514		
37	50	2	SOSP	WETLAND				6/1/2011	AV	45.818602	-119.623514		
38	100	2	AMRO	WETLAND				6/1/2011	V	45.819240	-119.623531		
39	100	1	SIDE-BLOTCHED LIZARD	SHRUB				6/1/2011	V	43.700066	-117.136849		
39	50	1	AMGO	WETLAND				6/1/2011	AV	45.819241	-119.623533		
40	200	2	LASP	SHRUB				6/1/2011	VA	43.700585	-117.137127		
40	0	3	WEKI	SCRUB				6/1/2011	AV	45.820909	-119.623554		
41	200	1	SAGEBRUSH LIZARD	SHRUB				6/1/2011	V	43.700677	-117.137120		X
41	0	6	BRBL	AG				6/1/2011	V	45.821777	-119.623541		
42	200	2	GRSP	GRASS				6/1/2011	A	43.701024	-117.137479		X
42	300	1	RTHA	AG				6/1/2011	AV	45.824174	-119.623570		
43	0	2	SOSP	WETLAND				6/1/2011	AV	45.824185	-119.623563		
44	250	3	BHCO	WETLAND				6/1/2011	AV	45.824184	-119.623565		
45	200	2	LASP	SHRUB				6/1/2011	V	43.704442	-117.139291		
45	250	10	RWBL	WETLAND				6/1/2011	AV	45.824186	-119.623564		
46	250	2	WEME	SHRUB				6/1/2011	A	43.704442	-117.139282		
46	300	1	RTHA	AG				6/1/2011	V	45.824185	-119.623565		
47	100	1	SIDE-BLOTCHED LIZARD	SHRUB				6/1/2011	V	43.705084	-117.139439		
47	0	1	BUOR	SCRUB				6/1/2011	V	45.824514	-119.623569		
48	100	1	WESTERN WHIPTAIL	SHRUB				6/1/2011	V	43.705412	-117.139677		
48	300	1	WEME	SCRUB				6/1/2011	A	45.825784	-119.623590		
49	0	1	AMKE	SHRUB				6/1/2011	V	43.706425	-117.140751		
49	0	2	CLSW	SCRUB				6/1/2011	AV	45.825779	-119.623598		
50	300	2	KILL	AG				6/1/2011	A	45.826707	-119.623621		
51	100	3	WEME	GRASS				6/1/2011	VA	43.708314	-117.141153		

ID	DIST	QUANT	SPECIES	HABITAT	AGE	GENDER	PHOTO	DATE	OBSTYPE	LAT	LONG	COMMENTS	SSS
51	250	7	CLSW	SCRUB				6/1/2011	V	45.827563	-119.624533		
52	400	4	BRBL	SCRUB				6/1/2011	V	45.827408	-119.626445		
53	150	3	HOLA	GRASS				6/1/2011	VA	43.708314	-117.141151		
53	500	1	CAQU	SCRUB				6/1/2011	V	45.827817	-119.627110		
54	0	1	WEKI	WEED				6/1/2011	V	45.828256	-119.620730		
54	0	1	KILL	AG				6/1/2011	AV	45.828692	-119.619554		
55	250	2	LASP	SHRUB				6/1/2011	VA	43.709132	-117.141842		
55	300	15	RWBL	WETLAND				6/1/2011	AV	45.829467	-119.619520		
56	0	30	CLSW	GRASS				6/1/2011	V	43.710028	-117.142080		
56	400	2	MODO	WETLAND				6/1/2011	V	45.829473	-119.619490		
57	0	1	CORA	GRASS				6/1/2011	VA	43.709144	-117.141842		
57	300	1	LAZB	WETLAND				6/1/2011	AV	45.829513	-119.619346		
58	0	2	HOLA	GRASS				6/1/2011	V	43.713869	-117.144080		
58	500	1	CAQU	SCRUB				6/1/2011	A	45.829512	-119.619347		
59	0	2	WEME	GRASS				6/1/2011	V	43.716449	-117.144722		
59	400	1	BUOR	SCRUB				6/1/2011	V	45.829453	-119.618680		
59	400	1	AMRO	SCRUB				6/1/2011	A	45.829514	-119.619347		
60	0	1	TUVU	GRASS				6/1/2011	V	43.716448	-117.144721		
60	400	1	MALL	WETLAND				6/1/2011	V	45.829451	-119.618216		
61	0	4	CORA	GRASS				6/1/2011	V	43.716445	-117.144726		
61	0	10	RWBL	WEED				6/1/2011	V	45.829141	-119.614933		
62	200	1	GRSP	GRASS				6/1/2011	A	43.716446	-117.144725		X
62	250	1	CORA	WETLAND				6/1/2011	V	45.829149	-119.614929		
63	200	3	HOLA	GRASS				6/1/2011	VA	43.719749	-117.146349		
63	150	2	SOSP	WETLAND				6/1/2011	A	45.830035	-119.614373		
64	200	2	BRSP	SHRUB				6/1/2011	A	43.721714	-117.147616		
64	0	3	MALL	WETLAND				6/1/2011	AV	45.830036	-119.614374		
65	200	9	RWBL	WETLAND				6/1/2011	AV	45.830035	-119.614369		
65	50	6	AMRO	SCRUB				6/1/2011	V	45.831300	-119.612766		
66	100	5	LASP	SHRUB				6/1/2011	VA	43.721712	-117.147615		
66	200	2	CORA	WETLAND				6/1/2011	AV	45.830722	-119.613311		
66	400	3	RWBL	AG				6/1/2011	V	45.832680	-119.610624		
67	100	3	WEME	SHRUB				6/1/2011	A	43.721714	-117.147616		
67	0	1	TUVU	SHRUB				6/1/2011	V	43.723926	-117.149407		
67	250	1	CAQU	SCRUB				6/1/2011	A	45.831003	-119.613518		
67	0	1	BRBL	AG				6/1/2011	V	45.831468	-119.603759		
68	0	5	BARS	SCRUB				6/1/2011	AV	45.831258	-119.612763		
68	20	1	WEKI	AG				6/1/2011	V	45.831397	-119.603344		
69	0	4	CLSW	SHRUB				6/1/2011	V	43.724219	-117.150938		
69	0	3	BARS	AG				6/1/2011	AV	45.831402	-119.603344		
70	500	1	MULE DEER	SHRUB		M		6/1/2011	V	43.723482	-117.151372		
70	20	1	WEME	AG				6/1/2011	AV	45.829457	-119.594151		
71	500	2	LAZB	SHRUB				6/1/2011	AV	43.723493	-117.151387		
71	250	2	LASP	AG				6/1/2011	V	45.811711	-119.497745		
72	400	3	LASP	SHRUB				6/1/2011	VA	43.723493	-117.151390		
72	0	3	AMRO	AG/FOREST				6/1/2011	AV	45.810630	-119.497790		
73	0	1	NOHA	SHRUB		M		6/1/2011	V	43.724654	-117.152151		
73	50	1	WEWP	AG/FOREST				6/1/2011	AV	45.809124	-119.497805		
74	100	30	BRSP	SHRUB				6/1/2011	VA	43.724656	-117.152149		
74	0	2	WEKI	AG/FOREST				6/1/2011	AV	45.806235	-119.497827		
75	0	4	TUVU	SHRUB				6/1/2011	V	43.726331	-117.155093		
75	150	3	AMRO	AG/FOREST				6/1/2011	A	45.806236	-119.497830		
76	500	1	CAQU	SHRUB				6/1/2011	V	43.726325	-117.155093		
77	250	4	WEME	SHRUB				6/1/2011	V	43.726323	-117.155091		
77	0	1	BUOR	AG/FOREST				6/1/2011	AV	45.806219	-119.497748		
78	0	5	CLSW	SHRUB				6/1/2011	V	43.726322	-117.155090		
78	100	2	BHCO	AG				6/1/2011	AV	45.806214	-119.497747		
79	100	5	WEME	SHRUB				6/1/2011	VA	43.728163	-117.158886		
79	300	3	CORA	AG				6/1/2011	AV	45.784928	-119.455042		
80	250	2	ROWR	ROCKS				6/1/2011	A	43.728162	-117.158885		
80	100	1	ROPI	AG				6/1/2011	V	45.784857	-119.455701		
81	400	1	MODO					6/1/2011	V	45.784976	-119.455790		
82	100	2	LASP	SHRUB				6/1/2011	VA	43.729090	-117.160485		
82	500	2	LBCU	AG				6/1/2011	AV	45.785100	-119.455804		X
83	0	2	SAVS					6/1/2011	AV	45.783896	-119.455798		
84	0	1	GOEA	SHRUB				6/1/2011	V	43.729295	-117.160654		
84	0	1	WEME	AG				6/1/2011	AV	45.783897	-119.455807		
85	250	1	VESP	SHRUB				6/1/2011	A	43.730052	-117.162613		
85	0	3	MODO	AG				6/1/2011	V	45.783893	-119.455799		
86	50	1	RNEP	GRASS				6/1/2011	A	45.777599	-119.455719		
87	100	5	BRSP	SHRUB				6/1/2011	V	43.730868	-117.164887		
87	100	1	ROPI	GRASS				6/1/2011	V	45.777605	-119.455716		
88	0	2	LAZB	SHRUB				6/1/2011	VA	43.730860	-117.164887		
89	0	7	ROPI	SHRUB				6/1/2011	V	43.730865	-117.164901		
90	0	1	AMGO	SHRUB				6/1/2011	V	43.731104	-117.166617		

ID	DIST	QUANT	SPECIES	HABITAT	AGE	GENDER	PHOTO	DATE	OBSTYPE	LAT	LONG	COMMENTS	SSS
91	300	5	LASP	SHRUB				6/1/2011	VA	43.731812	-117.169289		
92	250	2	MULE DEER	SHRUB				6/1/2011	V	43.731819	-117.169282		
93	0	1	BBMA	SHRUB				6/1/2011	A	43.731823	-117.169280		
94	500	2	MODO	SHRUB				6/1/2011	VA	43.731823	-117.169280		
96	100	2	LAZB	SHRUB				6/1/2011	A	43.732776	-117.169417		
97	100	1	GRAP	RIPARIAN				6/1/2011	A	43.732773	-117.169420		
98	100	1	YWAR	RIPARIAN				6/1/2011	A	43.732773	-117.169422		
99	100	2	LAZB	SHRUB				6/1/2011	A	43.733490	-117.170988		
100	0	2	WEME	SHRUB				6/1/2011	VA	43.733489	-117.170986		
101	250	2	BBMA	SHRUB				6/1/2011	A	43.734304	-117.173036		
102	500	1	CAQU	SHRUB				6/1/2011	A	43.735139	-117.174215		
102	150	4	LAZB	RIPARIAN				6/1/2011	VA	43.736353	-117.174067		
103	100	2	BUOR	RIPARIAN				6/1/2011	VA	43.736203	-117.174736		
104	0	1	GOEA	SHRUB				6/1/2011	V	43.736258	-117.175289		
1000	0	3	CLSW	GRASS				6/1/2011	VA	43.570248	-117.028874		
1001	50	3	RWBL	GRASS				6/1/2011	VA	43.570349	-117.029048		
1002	0	2	HOLA	GRASS				6/1/2011	VA	43.570380	-117.029271		
1003	100	1	KILL	GRASS				6/1/2011	A	43.570441	-117.029450		
1004	200	1	WEME	GRASS				6/1/2011	A	43.570440	-117.029450		
1005	0	3	CLSW	GRASS				6/1/2011	V	43.572012	-117.032710		
1006	250	1	LASP	GRASS				6/1/2011	A	43.572189	-117.032856		
1007	100	2	WEME	GRASS				6/1/2011	A	43.572936	-117.033679		
1008	1500	1	RTHA	GRASS				6/1/2011	V	43.573250	-117.034617		
1009	1500	1	TUVU	GRASS				6/1/2011	V	43.573233	-117.034659		
1010	100	2	HOLA	GRASS				6/1/2011	VA	43.573234	-117.034661		
1011	750	2	CORA	GRASS				6/1/2011	V	43.573132	-117.034827		
1012	100	3	HOLA	GRASS				6/1/2011	VA	43.571431	-117.037341		
1013	0	1	AMKE	GRASS				6/1/2011	V	43.570583	-117.037806		
1014	1000	1	COYOTE	GRASS				6/1/2011	V	43.570492	-117.037837		
1015	50	4	HOLA	GRASS				6/1/2011	VA	43.570089	-117.038102		
1016	50	4	HOLA	GRASS				6/1/2011	VA	43.567208	-117.039876		
1017	1500	1	LBCU	GRASS				6/1/2011	A	43.565804	-117.040583		X
1018	0	4	CORA	GRASS				6/1/2011	VA	43.570940	-117.042781		
1019	25	1	BADGER	GRASS				6/1/2011	V	43.570447	-117.043679		
1020	50	4	HOLA	GRASS				6/1/2011	A	43.570452	-117.043652		
1021	100	3	WEME	GRASS				6/1/2011	A	43.574129	-117.051318		
1022	50	4	HOLA	GRASS				6/1/2011	A	43.574131	-117.051316		
1023	0	3	WEKI	GRASS				6/1/2011	VA	43.575543	-117.048529		
1024	0	4	HOLA	GRASS				6/1/2011	VA	43.575542	-117.048528		
1025	0	1	TUVU	GRASS				6/1/2011	V	43.575507	-117.048482		
1026	0	5	CLSW	GRASS				6/1/2011	VA	43.575508	-117.048482		
1027	0	2	HOLA	GRASS				6/1/2011	VA	43.573827	-117.046119		
1030	200	2	WEME	GRASS				6/1/2011	A	43.587334	-117.078276		
1031	0	1	SNAKE	GRASS				6/1/2011	V	43.587790	-117.078936	BIEGE COLORED	
1031	25	2	LASP	GRASS				6/1/2011	VA	43.589827	-117.082137		
1032	250	2	CAQU	SHRUB				6/1/2011	A	43.588515	-117.080527		
1032	500	1	CORA	GRASS				6/1/2011	V	43.589828	-117.082134		
1033	250	2	HOLA	GRASS				6/1/2011	A	43.589829	-117.082134		
1034	25	1	WEKI	GRASS				6/1/2011	V	43.590310	-117.082734		
1035	100	1	CLSW	GRASS				6/1/2011	V	43.590336	-117.082767		
1035	50	4	HOLA	GRASS				6/1/2011	A	43.595282	-117.087212		
1036	2000	2	TUVU	GRASS				6/1/2011	V	43.590633	-117.083229		
1036	250	2	WEME	GRASS				6/1/2011	A	43.595282	-117.087212		
1037	750	1	LBCU	GRASS				6/1/2011	A	43.590602	-117.083248		X
1037	50	1	HOLA	GRASS				6/1/2011	VA	43.594491	-117.088706		
1037	250	2	WEME	GRASS				6/1/2011	A	43.597663	-117.088347		
1038	250	3	WEME	GRASS				6/1/2011	A	43.591496	-117.084132		
1038	100	2	HOLA	GRASS				6/1/2011	A	43.597663	-117.088347		
1039	500	1	LASP	GRASS				6/1/2011	A	43.591531	-117.084168		
1039	50	1	RWBL	GRASS				6/1/2011	VA	43.599389	-117.088493		
1040	250	1	EUST	GRAS				6/1/2011	A	43.592031	-117.084663		
1040	100	2	WEME	GRASS				6/1/2011	A	43.599914	-117.088344		
1041	50	1	WEKI	GRASS				6/1/2011	V	43.592064	-117.084662		
1041	0	5	AMGO	SHRUB				6/1/2011	VA	43.600549	-117.087297		
1042	100	2	WEME	SHRUB				6/1/2011	A	43.600558	-117.087309		
1043	0	3	CLSW	SHRUB				6/1/2011	V	43.601877	-117.087336		
1044	250	2	WEME	SHRUB				6/1/2011	A	43.601877	-117.087339		
1045	200	2	ROPI	SHRUB				6/1/2011	V	43.601877	-117.087340		
1046	100	2	WEME	SHRUB				6/1/2011	A	43.602947	-117.086224		
1050	500	1	KILL	SHRUB				6/1/2011	A	43.605299	-117.084114		
1051	250	2	WEME	SHRUB				6/1/2011	A	43.605299	-117.084114		
1052	0	2	CLSW	SHRUB				6/1/2011	V	43.605279	-117.082276		
1053	0	2	BARS	SHRUB				6/1/2011	V	43.605279	-117.082276		
1054	100	1	RNEP	SHRUB				6/1/2011	V	43.605279	-117.082276	RING NECK PHEASANT	
1055	100	1	WEME	SHRUB				6/1/2011	A	43.605279	-117.082276		

ID	DIST	QUANT	SPECIES	HABITAT	AGE	GENDER	PHOTO	DATE	OBSTYPE	LAT	LONG	COMMENTS	SSS
1056	100	3	RNEP	GRASS				6/1/2011	VA	43.605278	-117.082275		
1057	0	11	CLSW	GRASS				6/1/2011	VA	43.605278	-117.082275		
100	400	1	WEME	GRASS				6/2/2011	A	45.762980	-119.455583		
101	0	2	AMRO	GRASS				6/2/2011	V	45.764600	-119.455615		
102	0	1	MODO	TREE FARM				6/2/2011	V	45.765438	-119.455630		
103	250	1	RNEP	GRASS				6/2/2011	A	45.769205	-119.455614		
104	150	4	RWBL	GRASS		M		6/2/2011	V	45.769200	-119.455621		
105	250	3	HOLA	GRASS				6/2/2011	A	43.796715	-117.241876		
105	150	1	KILL	GRASS				6/2/2011	A	45.769203	-119.455616		
106	500	3	WEME	GRASS				6/2/2011	A	43.796099	-117.241849		
106	0	2	AMGO	TREE FARM				6/2/2011	A	45.769205	-119.455616		
107	150	1	GRSP	GRASS				6/2/2011	A	43.795653	-117.242280		X
107	0	2	BARS	GRASS				6/2/2011	AV	45.769918	-119.455603		
108	250	1	GRSP	GRASS				6/2/2011	A	43.792624	-117.240518		X
108	0	2	BRBL	GRASS				6/2/2011	AV	45.769920	-119.455602		
109	250	3	HOLA	GRASS				6/2/2011	AV	43.792625	-117.240517		
109	0	2	MODO	GRASS				6/2/2011	V	45.770213	-119.455621		
110	500	2	WEME	GRASS				6/2/2011	A	43.792626	-117.240517		
110	250	2	AMRO	TREE FARM				6/2/2011	A	45.770890	-119.455730		
111	50	1	GRSP	GRASS				6/2/2011	A	43.790531	-117.238729		X
111	150	2	WEME	GRASS				6/2/2011	A	45.771567	-119.455726		
112	200	1	GRSP	GRASS				6/2/2011	A	43.789913	-117.238342		X
112	750	1	LBCU	AG				6/2/2011	A	45.772794	-119.455758		X
112	150	1	KILL	AG				6/2/2011	A	45.774106	-119.455676		
113	200	6	HOLA	GRASS				6/2/2011	AV	43.787914	-117.237054		
113	100	1	MODO	AG				6/2/2011	V	45.774726	-119.455711		
114	100	1	GRSP	GRASS				6/2/2011	A	43.786786	-117.235798		X
114	25	3	WEME	GRASS				6/2/2011	AV	45.775372	-119.455808		
115	750	2	WEME	GRASS				6/2/2011	A	43.783801	-117.233942		
115	0	2	LBCU	AG				6/2/2011	AV	45.777163	-119.455649		X
116	250	1	GRSP	GRASS				6/2/2011	A	43.782325	-117.232878		X
116	0	1	BARS	GRASS				6/2/2011	A	45.762941	-119.445129		
117	200	2	ROWR	ROCKS				6/2/2011	A	43.781866	-117.232585		
117	50	2	WEKI	GRASS				6/2/2011	AV	45.762752	-119.444485		
118	150	1	GRSP	GRASS				6/2/2011	A	43.780257	-117.231361		X
118	125	9	CLSW	GRASS				6/2/2011	V	45.762780	-119.444328		
118	750	1	KILL	AG				6/2/2011	AV	45.762815	-119.442148		
118	0	2	BUOR	TREE FARM				6/2/2011	AV	45.762838	-119.445230		
119	50	1	CONI	GRASS				6/2/2011	V	43.779659	-117.231088		X
119	200	4	HOLA	GRASS				6/2/2011	A	43.780257	-117.231364		
119	50	1	WEWP	TREE FARM				6/2/2011	A	45.762804	-119.445144		
120	300	2	WEKI	GRASS				6/2/2011	V	45.762804	-119.445144		
120	350	1	LAZB	GRASS				6/2/2011	AV	45.762804	-119.445144		
121	150	2	GRSP	GRASS				6/2/2011	A	43.776679	-117.228897		X
121	50	1	YWAR	TREE FARM				6/2/2011	A	45.762746	-119.445156		
122	200	2	HOLA	GRASS				6/2/2011	A	43.776689	-117.228891		
122	0	1	RTHA	AG				6/2/2011	V	45.762373	-119.445163		
123	300	1	GRSP	GRASS				6/2/2011	A	43.775771	-117.227270		X
123	250	3	KILL	AG				6/2/2011	AV	45.760756	-119.445162		
124	400	2	BRSP	SHRUB				6/2/2011	A	43.774910	-117.227173		
124	0	1	AMGO	GRASS				6/2/2011	A	45.758874	-119.445126		
125	0	1	BLACK-TAILED JACKRABBIT	SHRUB				6/2/2011	V	43.773876	-117.227197		
125	50	1	BUOR	TREE FARM				6/2/2011	A	45.758537	-119.445144		
126	250	3	LASP	SHRUB				6/2/2011	AV	43.773342	-117.225707		
126	800	3	RWBL	AG				6/2/2011	AV	45.757237	-119.445135		
127	100	3	AMRO	WETLAND				6/2/2011	A	45.756002	-119.445139		
128	250	3	WEME	SHRUB				6/2/2011	A	43.773340	-117.225704		
128	300	8	RWBL	WETLAND				6/2/2011	AV	45.755965	-119.445089		
129	0	3	HOLA	GRASS				6/2/2011	VA	43.772051	-117.225232		
130	50	1	LASP	SHRUB				6/2/2011	V	43.772052	-117.225233		
130	50	1	CAQU	WETLAND				6/2/2011	A	45.755788	-119.445140		
131	0	2	BRBL	SHRUB				6/2/2011	A	43.770188	-117.223864		
131	500	2	WEME	GRASS				6/2/2011	AV	45.748020	-119.440490		
132	500	2	RWBL	GRASS				6/2/2011	V	45.748019	-119.440492		
133	250	1	SATH	SHRUB				6/2/2011	A	43.770189	-117.223862		X
133	450	2	WEKI	GRASS				6/2/2011	AV	45.748018	-119.440490		
134	50	5	RWBL	AG				6/2/2011	AV	45.748114	-119.444042		
135	100	1	KILL	CREEK				6/2/2011	VA	43.770086	-117.225099		
135	50	2	BHCO	GRASS				6/2/2011	AV	45.747131	-119.443134		
136	0	1	RWBL	CREEK				6/2/2011	AV	43.770087	-117.225098		
136	200	1	MALL	GRASS		F		6/2/2011	V	45.747126	-119.443130		
137	250	4	WEME	SHRUB				6/2/2011	A	43.764632	-117.220927		
137	150	1	LAZB	SHRUB				6/2/2011	AV	43.769844	-117.224335		
137	50	2	CLSW	AG				6/2/2011	V	45.745863	-119.441920		
138	500	1	BRSP	SHRUB				6/2/2011	A	43.764452	-117.220948		

ID	DIST	QUANT	SPECIES	HABITAT	AGE	GENDER	PHOTO	DATE	OBSTYPE	LAT	LONG	COMMENTS	SSS
138	150	3	LASP	SHRUB				6/2/2011	A	43.768692	-117.223381		
138	0	4	BHCO	GRASS		2M, 2F		6/2/2011	AV	45.745865	-119.441910		
139	150	3	WEME	SHRUB				6/2/2011	A	43.768683	-117.223379		
139	50	4	RWBL	GRASS				6/2/2011	AV	45.745828	-119.441889		
140	200	1	BRSP	SHRUB				6/2/2011	A	43.768685	-117.223378		
140	300	2	BRBL	GRASS				6/2/2011	V	45.744233	-119.440507		
140	0	1	RNEP	AG				6/2/2011	V	45.745773	-119.441805		
141	0	1	CAQU	SHRUB				6/2/2011	V	43.768559	-117.223295		
141	300	5	CLSW	GRASS				6/2/2011	AV	45.744200	-119.440567		
142	0	1	WEME	GRASS				6/2/2011	AV	45.743334	-119.442081		
143	150	1	LAZB	SHRUB				6/2/2011	A	43.767984	-117.223184		
143	100	1	BARS	GRASS				6/2/2011	V	45.742995	-119.441987		
144	200	4	LASP	SHRUB				6/2/2011	A	43.765245	-117.221498		
144	50	1	BLACK-TAILED JACKRABBIT	SHRUB				6/2/2011	V	43.767319	-117.223005		
144	150	8	CLSW	GRASS				6/2/2011	AV	45.741285	-119.442293		
144	200	3	WEME	GRASS				6/2/2011	AV	45.742125	-119.442033		
145	250	1	SAGS	SHRUB				6/2/2011	AV	43.763260	-117.220623		X
145	0	2	RWBL	GRASS				6/2/2011	AV	45.740743	-119.442400		
146	100	5	WEME	SHRUB				6/2/2011	AV	43.759849	-117.217315		
146	200	3	BRSP	SHRUB				6/2/2011	A	43.763237	-117.220617		
146	0	2	MODO	GRASS				6/2/2011	V	45.739697	-119.442900		
147	100	4	WEME	GRASS				6/2/2011	AV	45.736450	-119.444340		
148	50	1	WESTERN RATTLESNAKE	SHRUB				6/2/2011	V	43.757521	-117.213307		
148	100	1	BARS	GRASS				6/2/2011	V	45.736047	-119.444307		
149	400	2	LAZB	SHRUB				6/2/2011	AV	43.757085	-117.212649		
149	100	1	CLSW	GRASS				6/2/2011	AV	45.735376	-119.444431		
150	500	1	LAZB	SHRUB				6/2/2011	A	43.755825	-117.210596		
150	500	3	WEME	SHRUB				6/2/2011	A	43.756000	-117.211242		
150	50	2	BRBL	GRASS				6/2/2011	V	45.733935	-119.444581		
151	300	2	LASP	SHRUB				6/2/2011	AV	43.755825	-117.210596		
151	50	1	BHCO	GRASS				6/2/2011	V	45.733795	-119.444590		
152	500	1	ROWR	ROCKS				6/2/2011	A	43.755381	-117.209629		
152	100	7	CLSW	GRASS				6/2/2011	AV	45.733207	-119.445063		
153	200	3	LASP	SHRUB				6/2/2011	AV	43.755221	-117.209294		
153	150	4	WEME	GRASS				6/2/2011	AV	45.733204	-119.445067		
154	200	3	LAZB	SHRUB				6/2/2011	AV	43.753984	-117.206490		
154	150	6	WEME	GRASS				6/2/2011	AV	45.731269	-119.446180		
155	350	1	NOHA	GRASS		F		6/2/2011	V	45.728784	-119.446548		
156	50	1	BHCO	GRASS				6/2/2011	V	45.728778	-119.446542		
157	200	7	WEME	GRASS				6/2/2011	AV	45.728738	-119.446527		
158	0	3	LBCU	GRASS				6/2/2011	AV	45.728522	-119.446506		X
159	0	3	LASP	SHRUB				6/2/2011	AV	43.753812	-117.206490		
159	25	12	CLSW	GRASS				6/2/2011	AV	45.724801	-119.446065		
160	0	1	NOHA	GRASS		M		6/2/2011	V	45.722886	-119.446198		
161	100	4	CLSW	GRASS				6/2/2011	V	45.721828	-119.446166		
162	0	1	CORA	SHRUB				6/2/2011	V	43.753816	-117.206496		
162	250	1	WEKI	GRASS				6/2/2011	AV	45.719313	-119.446176		
163	200	3	WEME	GRASS				6/2/2011	A	45.718901	-119.446090		
164	0	2	CHUK	SHRUB				6/2/2011	V	43.751822	-117.202995		
164	100	1	CLSW	GRASS				6/2/2011	A	45.716614	-119.446569		
165	350	2	WEME	GRASS				6/2/2011	A	45.715122	-119.446594		
166	50	3	HOLA	GRASS				6/2/2011	AV	45.711996	-119.447049		
167	500	1	PRFA	ROCKS				6/2/2011	V	43.751850	-117.202926		X
167	350	2	WEME	GRASS				6/2/2011	A	45.711819	-119.447048		
168	0	1	BARS	GRASS				6/2/2011	V	45.710735	-119.446682		
169	400	2	ROWR	ROCKS				6/2/2011	A	43.752124	-117.201838		
169	0	1	CLSW	GRASS				6/2/2011	V	45.710616	-119.446609		
170	250	3	ROWR	ROCKS				6/2/2011	A	43.746087	-117.198044		
170	500	0	PRFA-NEST	ROCKS				6/2/2011	SUSPECTED	43.752121	-117.201838	APPEARED TO BE NEST, LOTS OF CALLING AND SUITABLE SUBSTRATE	X
171	250	1	HOLA	GRASS				6/2/2011	V	45.707086	-119.445163		
172	250	3	ROWR	ROCKS				6/2/2011	VA	43.751606	-117.202211		
172	200	1	AMKE	GRASS				6/2/2011	V	45.707082	-119.445160		
173	250	2	WEME	SHRUB				6/2/2011	A	43.750308	-117.200315		
173	400	2	WEME	GRASS				6/2/2011	A	45.707077	-119.445144		
174	100	1	LAZB	SHRUB				6/2/2011	V	43.749544	-117.199834		
174	0	5	HOLA	GRASS				6/2/2011	AV	45.704920	-119.445002		
175	0	1	BBMA	SHRUB				6/2/2011	V	43.748116	-117.198736		
179	150	1	CAQU	SHRUB				6/2/2011	V	43.745366	-117.196479		
179	0	2	LAZB					6/2/2011		43.745379	-117.196461		
179	100	1	MULE DEER	SHRUB				6/2/2011	V	43.746108	-117.198029		
180	500	2	ROWR	ROCKS				6/2/2011	A	43.745378	-117.196462		
181	500	1	LASP	SHRUB				6/2/2011	A	43.745416	-117.196015		
183	50	1	SAGEBRUSH LIZARD	SHRUB				6/2/2011	V	43.744867	-117.195150		X
184	250	3	LASP	SHRUB				6/2/2011	A	43.744588	-117.194494		
185	0	1	PRFA	ROCKS				6/2/2011	A	43.744908	-117.192089		X

ID	DIST	QUANT	SPECIES	HABITAT	AGE	GENDER	PHOTO	DATE	OBSTYPE	LAT	LONG	COMMENTS	SSS
186	100	1	LAZB	SHRUB				6/2/2011	AV	43.744882	-117.190462		
186	50	2	CAQU	SHRUB				6/2/2011	V	43.744910	-117.192092		
186	250	1	WESTERN WHIPTAIL	SHRUB				6/2/2011	V	43.744991	-117.189204		
187	500	3	WEME	SHRUB				6/2/2011	A	43.743425	-117.187085		
188	250	1	WEKI	SHRUB				6/2/2011	V	43.742268	-117.183871		
189	250	1	SAPH	SHRUB				6/2/2011	V	43.741225	-117.182661		
190	0	5	ROPI	SHRUB				6/2/2011	V	43.741210	-117.182653		
191	300	1	BUOR					6/2/2011		43.741213	-117.182655		
191	250	1	YELLOW-BELLIED MARMOT	ROCKS				6/2/2011	V	43.741342	-117.181043		
192	50	2	WEKI	RIPARIAN				6/2/2011	V	43.741344	-117.181048		
193	0	1	TUVU	SHRUB				6/2/2011	V	43.741347	-117.181047		
194	0	2	AMRO	RIPARIAN				6/2/2011	VA	43.741002	-117.180819		
194	0	20	ROPI	SHRUB				6/2/2011	V	43.741210	-117.179807		
196	0	1	CORA	SHRUB				6/2/2011	V	43.740063	-117.178382		
196	150	1	BBMA	RIPARIAN				6/2/2011	A	43.741215	-117.179807		
197	100	1	ROWR	ROCKS				6/2/2011	A	43.738494	-117.176078		
197	250	1	SAPH	SHRUB				6/2/2011	V	43.740066	-117.178380		
198	0	20	CLSW	RIVER				6/2/2011	V	43.737747	-117.175956		
199	0	1	BARS	RIVER				6/2/2011	V	43.737748	-117.175955		
200	200	5	MODO	SHRUB				6/2/2011	V	43.737747	-117.175954		
201	0	1	NRWS	RIVER				6/2/2011	V	43.737746	-117.175955		
201	100	1	LAZB	SHRUB				6/2/2011	V	43.737746	-117.175954		
202	100	1	LASP	SHRUB				6/2/2011	V	43.737730	-117.175351		
203	250	1	AMRO	RIPARIAN				6/2/2011	V	43.737738	-117.175089		
204	0	2	BUOR	RIPARIAN				6/2/2011	V	43.737735	-117.175093		
205	0	1	YWAR	RIPARIAN				6/2/2011	A	43.737735	-117.175093		
206	0	1	GBHE	RIPARIAN				6/2/2011	V	43.737734	-117.175095		
208	0	1	SOSP	RIPARIAN				6/2/2011	VA	43.737732	-117.175098		
1058	0	2	MODO	GRASS				6/2/2011	V	43.605561	-117.081564		
1059	200	1	TUVU	GRASS				6/2/2011	V	43.605969	-117.081131		
1100	250	2	WEME	GRASS				6/2/2011	A	43.591673	-117.080334		
1101	50	2	HOLA	GRASS				6/2/2011	A	43.591672	-117.080335		
1102	100	1	LASP	GRASS				6/2/2011	A	43.591669	-117.080341		
1103	300	20	CLSW	GRASS				6/2/2011	VA	43.591669	-117.080342		
1104	300	5	VGSW	GRASS				6/2/2011	V	43.591669	-117.080342	VIOLET GREEN SWALLOW	
1105	250	50	CLSW	GRASS				6/2/2011	VA	43.594252	-117.080942		
1106	250	4	BARS	GRASS				6/2/2011	V	43.594253	-117.080943		
1107	200	4	HOLA	GRASS				6/2/2011	VA	43.594253	-117.080944		
1108	250	2	WEME	GRASS				6/2/2011	A	43.594254	-117.080943		
1109	200	1	KILL	GRASS				6/2/2011	A	43.594136	-117.078699		
1110	750	1	RTHA	GRASS				6/2/2011	VA	43.593997	-117.077588		
1111	100	2	WEME	GRASS				6/2/2011	A	43.593997	-117.077588		
1112	0	2	WEKI	GRASS				6/2/2011	V	43.593125	-117.076368		
1114	500	1	RTHA	GRASS				6/2/2011	V	43.593062	-117.075005	DEF TWO BIRDS	
1115	0	2	CORA	GRASS				6/2/2011	V	43.593062	-117.075005		
1116	500	1	SWHA	GRASS				6/2/2011	V	43.593246	-117.074626		X
1117	50	2	HOLA	GRASS				6/2/2011	A	43.593817	-117.072084		
1118	0	3	HOLA	GRASS				6/2/2011	VA	43.595481	-117.071688		
1119	100	2	WEME	GRASS				6/2/2011	A	43.595480	-117.071687		
1120	50	4	HOLA	GRASS				6/2/2011	VA	43.597651	-117.069928		
1121	50	2	HOLA	GRASS				6/2/2011	A	43.599163	-117.068808		
1122	100	1	WEME	GRASS				6/2/2011	A	43.599163	-117.068807		
1123	0	3	TUVU	SHRUB				6/2/2011	V	43.600551	-117.066982		
1124	0	1	NOHA	SHRUB				6/2/2011	V	43.600551	-117.066982		
1125	25	2	WEME	SHRUB				6/2/2011	VA	43.600550	-117.066982		
1127	0	3	MODO	GRASS				6/2/2011	V	43.593000	-117.073773		
1140	50	3	LAZB	SHRUB				6/2/2011	A	43.588352	-117.073129		
1141	0	8	VGSW	SHRUB				6/2/2011	V	43.588664	-117.072781		
1142	0	5	CLSW	SHRUB				6/2/2011	V	43.588623	-117.072302		
1143	0	1	BUOR	SHRUB				6/2/2011	VA	43.588622	-117.072262		
1144	500	2	CORA	SHRUB				6/2/2011	VA	43.588594	-117.071362		
1145	200	3	WEME	SHRUB				6/2/2011	A	43.613127	-117.094561		
1146	25	2	WEME	SHRUB				6/2/2011	A	43.613419	-117.092702		
1147	50	1	LASP	SHRUB				6/2/2011	A	43.613493	-117.092313		
1148	0	1	WEKI	SHRUB				6/2/2011	V	43.613668	-117.091864		
1149	50	3	WEME	SHRUB				6/2/2011	A	43.616497	-117.093555		
1150	50	1	BBMA	SHRUB				6/2/2011	V	43.616491	-117.093566		
1151	50	1	WEKI	SHRUB				6/2/2011	V	43.616496	-117.093560		
1152	0	1	HOLA	SHRUB				6/2/2011	VA	43.616694	-117.094255		
1153	0	1	LASP	SHRUB				6/2/2011	V	43.616695	-117.094258		
1154	100	2	WEME	SHRUB				6/2/2011	A	43.616707	-117.095839		
1155	0	2	HOLA	SHRUB				6/2/2011	VA	43.616707	-117.095839		
1156	0	2	VGSW	SHRUB				6/2/2011	VA	43.616707	-117.095840		
1157	0	1	CLSW	SHRUB				6/2/2011	V	43.616707	-117.095840		
1158	0	2	WEKI	SHRUB				6/2/2011	V	43.616469	-117.096252		

ID	DIST	QUANT	SPECIES	HABITAT	AGE	GENDER	PHOTO	DATE	OBSTYPE	LAT	LONG	COMMENTS	SSS
1159	0	1	LASP	SHRUB				6/2/2011	V	43.614227	-117.095654		
1160	100	3	WEME	SHRUB				6/2/2011	A	43.613654	-117.095510		
1160	50	2	LASP	SAGE				6/2/2011	A	43.769007	-117.222325	SB STEPPE	
1161	50	3	WEME	SHRUB STEPPE				6/2/2011	A	43.768873	-117.222482		
1162	0	2	BRSP	SHRUB STEPPE				6/2/2011	VA	43.769328	-117.222268		
1163	50	1	LASP	SHRUB STEPPE				6/2/2011	A	43.767643	-117.220009		
1163	50	3	WEME	SHRUB STEPPE				6/2/2011	A	43.768527	-117.220090		
1164	100	1	BRSP	SHRUB STEPPE				6/2/2011	A	43.767294	-117.219953		
1165	100	2	WEME	SHRUB STEPPE				6/2/2011	A	43.765683	-117.220006		
1166	50	3	BRSP	SHRUB STEPPE				6/2/2011	VA	43.765675	-117.220023		
1168	50	2	WEME	SHRUB STEPPE				6/2/2011	A	43.768503	-117.211713		
1169	100	1	LAZB	SHRUB STEPPE				6/2/2011	A	43.768503	-117.211713		
1170	0	1	KILL	SHRUB STEPPE				6/2/2011	V	43.768214	-117.211909		
1172	0	1	MODO	SHRUB STEPPE				6/2/2011	V	43.767451	-117.212338		
1173	0	1	BBMA	SHRUB STEPPE				6/2/2011	VA	43.767449	-117.212338		
1174	250	1	LASP	SHRUB STEPPE				6/2/2011	A	43.767449	-117.212338		
1175	0	1	KILL	SHRUB STEPPE				6/2/2011	VA	43.767449	-117.212339	NEST FOUND IN STREAM/ROAD	
1176	0	1	LAZB	SHRUB STEPPE				6/2/2011	V	43.766721	-117.212825		
1177	500	1	CAQU	SHRUB STEPPE				6/2/2011	A	43.766720	-117.212825		
1178	250	2	WEME	SHRUB STEPPE				6/2/2011	A	43.766719	-117.212826		
1179	100	2	LAZB	SHRUB STEPPE				6/2/2011	A	43.765272	-117.213452		
1180	25	1	WEKI	SHRUB STEPPE				6/2/2011	V	43.764068	-117.213374		
1181	0	1	KILL	SHRUB STEPPE				6/2/2011	VA	43.763954	-117.213560		
1182	100	2	WEME	SHRUB STEPPE				6/2/2011	A	43.763952	-117.213562		
1183	0	1	LAZB	SHRUB STEPPE				6/2/2011	A	43.762891	-117.214614		
1184	50	3	WEME	SHRUB STEPPE				6/2/2011	A	43.762894	-117.214615		
1185	100	2	LAZB	SHRUB STEPPE				6/2/2011	A	43.762372	-117.214983		
1186	100	3	WEME	SHRUB STEPPE				6/2/2011	A	43.762375	-117.214985		
1187	0	2	LASP	SHRUB STEPPE				6/2/2011	VA	43.761566	-117.215925		
1188	50	1	BRSP	SHRUB STEPPE				6/2/2011	A	43.761561	-117.215927		
1189	250	2	WEME	SHRUB STEPPE				6/2/2011	A	43.761562	-117.215926		
1190	25	3	BRSP	SHRUB STEPPE				6/2/2011	A	43.760577	-117.216433		
1192	0	2	LASP	SHRUB STEPPE				6/2/2011	VA	43.760220	-117.216656		
1193	500	1	ROWR	SHRUB STEPPE				6/2/2011	A	43.756136	-117.216060		
1194	100	3	WEME	SHRUB STEPPE				6/2/2011	A	43.756136	-117.216061		
1195	500	1	LAZB	SHRUB STEPPE				6/2/2011	A	43.756028	-117.216096		
1196	750	1	CAQU	SHRUB STEPPE				6/2/2011	A	43.756028	-117.216096		
1198	500	2	ROWR	SHRUB STEPPE				6/2/2011	A	43.754868	-117.214838		
1199	250	1	LAZB	SHRUB STEPPE				6/2/2011	A	43.754868	-117.214837		
1200	250	3	WEME	SHRUB STEPPE				6/2/2011	A	43.754867	-117.214837		
1201	250	2	ROWR	SHRUB STEPPE				6/2/2011	A	43.753221	-117.214808		
1202	150	2	WEME	SHRUB STEPPE				6/2/2011	A	43.753787	-117.213773		
1203	0	1	BRSP	SHRUB STEPPE				6/2/2011	VA	43.754447	-117.213139		
1204	200	2	WEME	SHRUB STEPPE				6/2/2011	A	43.754852	-117.211441		
1	100	2	HOLA	FALLOW WHEAT				6/3/2011	AV	45.700606	-119.440879		
1	250	2	WEME	FALLOW WHEAT				6/3/2011	A	45.700606	-119.440879		
2	0	8	HOLA	FALLOW WHEAT				6/3/2011	AV	45.700059	-119.440383		
3	400	3	HOLA	FALLOW WHEAT				6/3/2011	AV	45.690149	-119.436457		
3	300	1	WEME	FALLOW WHEAT				6/3/2011	A	45.690149	-119.436457		
4	0	3	HOLA	FALLOW WHEAT				6/3/2011	AV	45.690104	-119.434551		
4	20	1	NOHA	GRASS		M		6/3/2011	V	45.690104	-119.434551		
4	20	2	WEME	GRASS				6/3/2011	AV	45.690104	-119.434551		
5	0	2	LBCU	PLOWED WHEAT				6/3/2011	AV	45.689359	-119.432658		X
5	400	4	HOLA	PLOWED WHEAT				6/3/2011	A	45.689359	-119.432658		
6	300	4	CORA	PLOWED WHEAT				6/3/2011	AV	45.690142	-119.432971		
6	0	2	HOLA	PLOWED WHEAT				6/3/2011	AV	45.690142	-119.432971		
7	0	1	CORA	GRASS				6/3/2011	AV	45.690728	-119.425709		
7	0	1	WEME	GRASS				6/3/2011	AV	45.690728	-119.425709		
8	100	2	HOLA	PLOWED WHEAT				6/3/2011	AV	45.690769	-119.422638		
9	200	2	SAVS	GRASS				6/3/2011	A	45.690771	-119.421982		
9	50	2	WEME	GRASS				6/3/2011	AV	45.690771	-119.421982		
10	150	3	WEME	GRASS				6/3/2011	AV	45.690554	-119.418070		
11	0	2	BARS	GRASS				6/3/2011	AV	45.690638	-119.410762		
11	0	1	CORA	GRASS				6/3/2011	AV	45.690638	-119.410762		
11	0	2	MULE DEER	GRASS				6/3/2011	V	45.690638	-119.410762		
11	150	1	WEME	GRASS				6/3/2011	AV	45.690638	-119.410762		
12	0	1	WEME	GRASS				6/3/2011	AV	45.690596	-119.407374		
13	0	1	WEME	GRASS				6/3/2011	AV	45.690645	-119.401349		
14	700	2	WEME	GRASS				6/3/2011	AV	45.691289	-119.402114		
15	500	1	BBMA	GRASS				6/3/2011	AV	45.690278	-119.397205		
15	400	2	WEME	GRASS				6/3/2011	AV	45.690278	-119.397205		
16	800	2	AMRO	GRASS/RIPARIAN				6/3/2011	A	45.687444	-119.393070		
16	0	2	BARS	GRASS				6/3/2011	AV	45.687444	-119.393070		
16	0	1	BUOR	RIPARIAN				6/3/2011	V	45.687444	-119.393070		
16	0	3	CLSW	GRASS/RIPARIAN				6/3/2011	AV	45.687444	-119.393070		

ID	DIST	QUANT	SPECIES	HABITAT	AGE	GENDER	PHOTO	DATE	OBSTYPE	LAT	LONG	COMMENTS	SSS
16	0	2	KILL	GRASS/GRAVEL				6/3/2011	AV	45.687444	-119.393070		
16	50	4	MODO	GRASS				6/3/2011	AV	45.687444	-119.393070		
16	600	2	RNEP	GRASS/RIPARIAN				6/3/2011	A	45.687444	-119.393070		
16	0	3	RWBL	GRASS/RIPARIAN				6/3/2011	AV	45.687444	-119.393070		
16	200	2	WEKI	RIPARIAN				6/3/2011	AV	45.687444	-119.393070		
17	0	1	AMRO	AG				6/3/2011	V	45.686621	-119.390920		
17	0	3	MODO	AG				6/3/2011	V	45.686621	-119.390920		
18	250	2	AMRO	AG				6/3/2011	A	45.686696	-119.389296		
18	0	1	BBMA	AG				6/3/2011	V	45.686696	-119.389296		
18	250	1	BRBL	AG				6/3/2011	V	45.686696	-119.389296		
18	0	2	MALL	AG DITCH		1 MALE, 1 FEMALE		6/3/2011	AV	45.686696	-119.389296		
18	0	1	RWBL	AG		M		6/3/2011	AV	45.686696	-119.389296		
19	0	2	AMRO	AG				6/3/2011	V	45.686743	-119.385738		
19	0	1	BBMA	AG				6/3/2011	V	45.686743	-119.385738		
19	250	1	KILL	AG				6/3/2011	A	45.686743	-119.385738		
19	0	1	RTHA	AG HAY				6/3/2011	AV	45.686743	-119.385738		
20	700	1	AMRO	AG				6/3/2011	A	45.688736	-119.383131		
20	700	1	BRBL	AG				6/3/2011	AV	45.688736	-119.383131		
20	450	20	EUST	AG				6/3/2011	V	45.688736	-119.383131		
20	800	1	MODO	AG				6/3/2011	A	45.688736	-119.383131		
20	300	7	MULE DEER	AG				6/3/2011	V	45.688736	-119.383131		
20	1000	1	RNEP	AG				6/3/2011	A	45.688736	-119.383131		
20	500	1	WEKI	AG				6/3/2011	AV	45.688736	-119.383131		
21	300	1	MULE DEER	GRASS				6/3/2011	AV	45.680050	-119.362018		
21	0	1	WEME	GRASS				6/3/2011	V	45.680050	-119.362018		
22	400	2	WEME	GRASS				6/3/2011	A	45.679055	-119.358426		
23	0	3	HOLA	GRASS / AG FALLOW				6/3/2011	AV	45.676884	-119.352681		
23	0	1	NOHA	GRASS / AG FALLOW				6/3/2011	V	45.676884	-119.352681		
23	30	3	WEME	GRASS / AG FALLOW				6/3/2011	AV	45.676884	-119.352681		
24	50	1	BADGER	RANGE				6/3/2011	V	45.674866	-119.310974		
24	400	1	HOLA	RANGE				6/3/2011	AV	45.674866	-119.310974		
24	200	6	WEME	RANGE				6/3/2011	AV	45.674866	-119.310974		
25	0	2	MODO	RANGE				6/3/2011	V	45.674847	-119.313845		
26	200	8	WEME	RANGE				6/3/2011	AV	45.675080	-119.317022		
27	150	6	WEME	RANGE / AG				6/3/2011	AV	45.675573	-119.323931		
28	40	2	GOPHER SNAKE	RANGE				6/3/2011	V	45.675195	-119.325965	1 LIVE, 1 DEAD	
29	50	2	HOLA	RANGE				6/3/2011	A	45.675827	-119.328022		
29	50	2	MODO	RANGE				6/3/2011	V	45.675827	-119.328022		
29	50	3	SAVS	RANGE / AG				6/3/2011	AV	45.675827	-119.328022		
29	150	7	WEME	RANGE / AG				6/3/2011	AV	45.675827	-119.328022		
30	0	1	RTHA	RANGE				6/3/2011	V	45.675687	-119.330919		
210	400	4	WEME	SHRUB				6/3/2011	A	44.073230	-117.474921		
211	750	2	CHUK	SHRUB				6/3/2011	A	44.073234	-117.474922		
212	0	2	MODO	SHRUB				6/3/2011	V	44.074171	-117.474999		
213	150	1	VOLE	SHRUB				6/3/2011	V	44.074258	-117.475147		
214	0	3	LASP	SHRUB				6/3/2011	V	44.076352	-117.474901		
215	1500	1	CAQU	SHRUB				6/3/2011	A	44.076354	-117.474904		
215	500	1	HOLA	SHRUB				6/3/2011	V	44.078465	-117.474690		
216	400	1	LASP	SHRUB				6/3/2011	A	44.078465	-117.474690		
218	400	1	BRSP	SHRUB				6/3/2011	A	44.078903	-117.474573		
218	500	1	ROWR	ROCKS				6/3/2011	A	44.080551	-117.474066		
219	250	4	WEME	SHRUB				6/3/2011	A	44.080552	-117.474063		
220	0	1	LASP	SHRUB				6/3/2011	A	44.081932	-117.473845		
221	400	1	LASP	SHRUB				6/3/2011	A	44.083361	-117.473619		
222	250	1	BRSP	SHRUB				6/3/2011	A	44.085650	-117.474863		
223	500	6	WEME	SHRUB				6/3/2011	A	44.085651	-117.474865		
224	100	2	BRSP	SHRUB				6/3/2011	A	44.087255	-117.475971		
224	0	2	LASP	SHRUB				6/3/2011	V	44.089090	-117.478135		
225	0	3	MULE DEER	SHRUB		F		6/3/2011	V	44.087292	-117.476005		
225	500	6	WEME	SHRUB				6/3/2011	A	44.091908	-117.480961		
226	0	1	SATH	SHRUB				6/3/2011	V	44.087292	-117.476005		X
226	150	2	CHUK	SHRUB				6/3/2011	V	44.090798	-117.480326		
226	100	3	BRBL	SHRUB				6/3/2011	AV	44.092937	-117.481122		
227	0	1	MOJAVE BLACK-COLLARED LIZARD	ROCKS	JUV			6/3/2011	V	44.093864	-117.483163		
228	500	4	WEME	SHRUB				6/3/2011	A	44.094463	-117.483960		
229	200	3	LASP	SHRUB				6/3/2011	VA	44.095956	-117.485107		
230	500	2	BRSP	SHRUB				6/3/2011	A	44.097547	-117.486205		
231	200	2	LASP	SHRUB				6/3/2011	V	44.098148	-117.486576		
232	250	1	HOLA	SHRUB				6/3/2011	A	44.098158	-117.486571		
233	200	1	SATH	SHRUB				6/3/2011	A	44.098168	-117.486568		X
234	300	1	SATH	SHRUB				6/3/2011	A	44.098163	-117.486566		X

ID	DIST	QUANT	SPECIES	HABITAT	AGE	GENDER	PHOTO	DATE	OBSTYPE	LAT	LONG	COMMENTS	SSS
235	150	3	BRSP	SHRUB				6/3/2011	AV	44.098692	-117.487048		
237	250	1	GOPHER SNAKE	SHRUB				6/3/2011	V	44.100132	-117.489033		
238	500	4	WEME	SHRUB				6/3/2011	A	44.100140	-117.489012		
239	500	3	BRSP	SHRUB				6/3/2011	A	44.100140	-117.489011		
239	250	1	BRSP	SHRUB				6/3/2011	AV	44.102846	-117.491334		
240	200	2	LASP	SHRUB				6/3/2011	A	44.103852	-117.492548		
241	250	1	HOLA	SHRUB				6/3/2011	A	44.103843	-117.492542		
241	300	1	BRSP	SHRUB				6/3/2011	A	44.103859	-117.492542		
242	300	4	WEME	SHRUB				6/3/2011	A	44.105454	-117.494662		
243	100	3	BRSP	SHRUB				6/3/2011	AV	44.105453	-117.494663		
244	0	1	KILL	SHRUB				6/3/2011	A	44.108401	-117.496177		
245	50	10	LASP	SHRUB				6/3/2011	V	44.108987	-117.497996		
246	250	2	BRSP	SHRUB				6/3/2011	A	44.108984	-117.497994		
247	750	1	NOHA	SHRUB		F		6/3/2011	V	44.108984	-117.497994		
248	250	6	WEME	SHRUB				6/3/2011	A	44.108972	-117.497994		
248	50	2	BRSP	SHRUB				6/3/2011	A	44.112203	-117.501144		
249	200	3	BRSP	SHRUB				6/3/2011	AV	44.113370	-117.502300		
249	250	3	BRBL	SHRUB				6/3/2011	V	44.115222	-117.503894		
250	500	1	CAQU	SHRUB				6/3/2011	A	44.115219	-117.503895		
251	250	6	WEME	SHRUB				6/3/2011	A	44.115221	-117.503895		
252	200	20	BRSP	SHRUB				6/3/2011	A	44.117528	-117.506419		
253	250	1	SATH	SHRUB				6/3/2011	AV	44.117530	-117.506415		X
254	250	1	BRBL	SHRUB				6/3/2011	V	44.120067	-117.508574		
255	250	6	WEME	SHRUB				6/3/2011	A	44.120061	-117.508572		
256	0	1	MODO	SHRUB				6/3/2011	V	44.120400	-117.509447		
258	100	1	BRSP	SHRUB				6/3/2011	A	44.120404	-117.509441		
260	200	1	BRSP	SHRUB				6/3/2011	A	44.121779	-117.510475		
260	150	6	BRSP					6/3/2011		44.123240	-117.510301		
261	250	8	WEME	SHRUB				6/3/2011	A	44.123238	-117.510300		
262	0	1	BUOW	SHRUB				6/3/2011	V	44.125419	-117.510328		X
263	50	0	BUOW-NEST	SHRUB				6/3/2011	BURROW	44.126144	-117.510246		X
264	250	6	WEME	SHRUB				6/3/2011	A	44.127941	-117.510263		
266	100	1	BRSP	SHRUB				6/3/2011	A	44.135224	-117.510321		
267	500	5	WEME	SHRUB				6/3/2011	A	44.135223	-117.510317		
269	50	1	GRAP	SHRUB				6/3/2011	V	44.135977	-117.510166		
270	250	2	BRSP	SHRUB				6/3/2011	AV	44.139007	-117.510241		
271	250	6	WEME	SHRUB				6/3/2011	A	44.144345	-117.509722		
273	0	2	MODO	SHRUB				6/3/2011	V	44.144325	-117.509701		
1300	100	4	HOLA	GRASS				6/3/2011	VA	43.780286	-117.205912		
1301	100	2	LASP	GRASS				6/3/2011	A	43.780285	-117.205911		
1303	50	2	WEME	GRASS				6/3/2011	A	43.780285	-117.205910		
1303	50	4	HOLA	GRASS				6/3/2011	A	43.780308	-117.208020		
1304	200	3	WEME	GRASS				6/3/2011	A	43.780308	-117.208028		
1305	50	1	GRSP	GRASS				6/3/2011	A	43.780290	-117.209592		X
1306	50	5	HOLA	GRASS				6/3/2011	VA	43.780291	-117.210330		
1307	100	2	WEME	GRASS				6/3/2011	A	43.780289	-117.210330		
1308	50	3	HOLA	GRASS				6/3/2011	VA	43.780285	-117.212774		
1309	50	1	GRSP	GRASS				6/3/2011	A	43.780284	-117.212814		X
1310	100	4	WEME	GRASS				6/3/2011	AV	43.780284	-117.212814		
1311	0	1	CORA	GRASS				6/3/2011	V	43.780283	-117.214227		
1312	100	4	HOLA	GRASS				6/3/2011	VA	43.780286	-117.214227		
1313	200	3	WEME	GRASS				6/3/2011	A	43.780285	-117.214229		
1314	25	1	GRSP	GRASS				6/3/2011	A	43.780305	-117.215103		X
1315	50	6	HOLA	GRASS				6/3/2011	VA	43.780226	-117.219403		
1316	100	4	WEME	GRASS				6/3/2011	AV	43.780220	-117.219436		
1317	0	1	WESTERN FENCE LIZARD	GRASS				6/3/2011	V	43.780265	-117.221218		
1319	0	2	TUVU	GRASS				6/3/2011	V	43.780286	-117.221238		
1320	50	6	HOLA	GRASS				6/3/2011	VA	43.780606	-117.223610		
1321	100	4	WEME	GRASS				6/3/2011	A	43.780605	-117.223611		
1323	0	1	RTHA	GRASS				6/3/2011	V	43.780587	-117.223670		
1324	2000	1	COYOTE	GRASS				6/3/2011	A	43.780589	-117.223666		
1325	0	1	LASP	GRASS				6/3/2011	V	43.780164	-117.226522		
1326	50	5	HOLA	GRASS				6/3/2011	VA	43.780150	-117.226550		
1327	200	2	WEME	GRASS				6/3/2011	A	43.780150	-117.226551		
1328	750	2	ROWR	GRASS				6/3/2011	A	43.780278	-117.230297		
1329	50	4	HOLA	GRASS				6/3/2011	A	43.780257	-117.230304		
1331	750	2	ROWR	GRASS				6/3/2011	A	43.780254	-117.230303		
1340	0	4	HOLA	GRASS				6/3/2011	A	43.792108	-117.233595		
1341	0	3	WEME	GRASS				6/3/2011	A	43.792109	-117.233595		
1342	0	3	HOLA	GRASS				6/3/2011	VA	43.792940	-117.233407		
1344	50	2	WEME	GRASS				6/3/2011	A	43.792806	-117.235763		
1345	50	2	HOLA	GRASS				6/3/2011	VA	43.792383	-117.236416		
1346	50	3	HOLA	GRASS				6/3/2011	A	43.810289	-117.253653		
1347	250	1	WEME	GRASS				6/3/2011	A	43.810289	-117.253653		
1348	50	1	WEME	GRASS				6/3/2011	A	43.812894	-117.255046		

ID	DIST	QUANT	SPECIES	HABITAT	AGE	GENDER	PHOTO	DATE	OBSTYPE	LAT	LONG	COMMENTS	SSS
1349	0	2	HOLA	GRASS				6/3/2011	A	43.812894	-117.255046		
1350	100	1	GRSP	GRASS				6/3/2011	A	43.835475	-117.263429		X
1351	50	3	HOLA	GRASS				6/3/2011	VA	43.835474	-117.263430		
1352	50	1	WEME	GRASS				6/3/2011	A	43.836590	-117.263938		
1353	50	3	HOLA	GRASS				6/3/2011	VA	43.836706	-117.264017		
1354	100	2	HOLA	GRASS				6/3/2011	VA	43.838595	-117.265216		
1355	200	1	WEME	GRASS				6/3/2011	A	43.838595	-117.265216		
1356	750	1	MODO	GRASS				6/3/2011	A	43.838596	-117.265222		
1357	100	2	HOLA	GRASS				6/3/2011	A	43.840120	-117.266810		
1358	50	3	HOLA	GRASS				6/3/2011	VA	43.841294	-117.268492		
1359	100	3	HOLA	GRASS				6/3/2011	A	43.842465	-117.269859		
1360	1000	1	CORA	GRASS				6/3/2011	A	43.842467	-117.269861		
1361	0	1	LONGNOSE LEOPARD LIZARD	GRASS				6/3/2011	V	43.838056	-117.264931		
1362	50	2	HOLA	GRASS				6/3/2011	A	43.835412	-117.265058		
1363	100	1	WEME	GRASS				6/3/2011	A	43.835411	-117.265058		
1364	0	1	GRSP	GRASS				6/3/2011	VA	43.835418	-117.264723		X
1370	100	1	WEME	GRASS				6/3/2011	A	43.845991	-117.281598		
1371	100	1	HOLA	GRASS				6/3/2011	A	43.845901	-117.281746		
1372	50	1	HOLA	GRASS				6/3/2011	A	43.844952	-117.283189		
1373	200	1	WEME	GRASS				6/3/2011	A	43.844846	-117.283344		
1374	100	2	HOLA	GRASS				6/3/2011	A	43.843625	-117.285112		
1375	0	1	HOLA	GRASS				6/3/2011	V	43.842972	-117.286243		
1376	50	2	HOLA	GRASS				6/3/2011	VA	43.844028	-117.286908		
1377	200	1	HOLA	GRASS				6/3/2011	A	43.846882	-117.286729		
1378	250	1	WEME	GRASS				6/3/2011	A	43.846883	-117.286729		
1379	100	1	LBCU	GRASS				6/3/2011	VA	43.847417	-117.286689		X
1380	25	1	WEME	GRASS				6/3/2011	VA	43.842245	-117.287843		
1380	50	2	HOLA	GRASS				6/3/2011	A	43.847418	-117.286688		
1381	100	1	HOLA	GRASS				6/3/2011	A	43.842136	-117.291653		
1382	0	2	HOLA	GRASS				6/3/2011	VA	43.842001	-117.293802		
1383	500	1	WEME	GRASS				6/3/2011	A	43.842149	-117.297331		
1384	0	5	HOLA	GRASS				6/3/2011	VA	43.841856	-117.299482		
1385	100	1	WEME	GRASS				6/3/2011	A	43.841849	-117.299496		
1386	100	1	RTHA	SHRUB				6/3/2011	V	43.841338	-117.301618		
1387	0	2	LASP	SHRUB				6/3/2011	V	43.841335	-117.301619		
1388	100	1	WEME	SHRUB				6/3/2011	A	43.841342	-117.301615		
1389	0	1	LONGNOSE LEOPARD LIZARD	SHRUB				6/3/2011	V	43.841339	-117.301616		
1390	250	2	WEME	SHRUB				6/3/2011	A	43.841339	-117.301615		
1391	250	4	HOLA	SHRUB				6/3/2011	VA	43.841338	-117.301616		
1394	0	1	BRSP	SHRUB				6/3/2011	VA	43.841339	-117.301616		
1395	50	3	HOLA	GRASS				6/3/2011	VA	43.840321	-117.304822		
1397	250	1	WEME	GRASS				6/3/2011	A	43.840231	-117.306281		
1398	100	3	WEME	SHRUB				6/3/2011	A	43.841230	-117.307076		
1399	100	2	HOLA	SHRUB				6/3/2011	A	43.843226	-117.309172		
1400	200	2	WEME	SHRUB				6/3/2011	VA	43.843227	-117.309171		
1401	50	2	WEME	SHRUB				6/3/2011	VA	43.845817	-117.310685		
1402	250	1	LASP	SHRUB				6/3/2011	A	43.845855	-117.310689		
1404	50	5	BRBL	SHRUB				6/3/2011	VA	43.849231	-117.311832		
1405	250	1	LASP	SHRUB				6/3/2011	A	43.849245	-117.311833		
1406	0	1	WEASEL	SHRUB				6/3/2011	V	43.849245	-117.311831		
159	150	2	WCSP	SHRUB STEPPE				6/4/2011	V	43.899062	-117.430364		
160	0	5	BRSP	SHRUB STEPPE				6/4/2011	VA	43.899588	-117.432964		
200	300	1	KILL	AG				6/4/2011	AV	45.675226	-119.309886		
201	100	6	WEME	GRASS				6/4/2011	AV	45.675107	-119.307893		
202	50	2	HOLA	GRASS				6/4/2011	AV	45.675104	-119.307878		
204	30	1	SHORT-HORNED LIZARD	ROAD				6/4/2011	V	45.675090	-119.306165		
205	400	3	CORA	AG				6/4/2011	AV	45.674978	-119.298710		
206	0	1	MODO	AG				6/4/2011	V	45.674986	-119.298707		
207	50	2	WEME	AG				6/4/2011	AV	45.674985	-119.298710		
208	50	1	BRSP	AG				6/4/2011	V	45.674988	-119.298706		
209	0	2	LBCU	GRASS				6/4/2011	AV	45.677414	-119.284349		X
210	150	4	HOLA	GRASS				6/4/2011	AV	45.677401	-119.284359		
211	200	3	WEME	AG				6/4/2011	AV	45.677402	-119.284352		
212	400	1	RNEP	AG				6/4/2011	A	45.677287	-119.282520		
225	100	4	HOLA	GRASS				6/4/2011	AV	45.677919	-119.280979		
226	200	1	BRBL	GRASS				6/4/2011	AV	45.677920	-119.280981		
227	200	5	WEME	AG				6/4/2011	AV	45.677921	-119.280982		
228	0	1	WEKI	GRASS				6/4/2011	AV	45.678129	-119.280377		
229	100	1	SAVS	GRASS				6/4/2011	AV	45.678130	-119.280378		
230	0	4	MODO	AG				6/4/2011	V	45.678131	-119.280379		
231	100	2	WEME	GRASS				6/4/2011	AV	45.674079	-119.247882		
231	200	3	WEME	AG				6/4/2011	AV	45.679866	-119.271366		
232	250	9	LBCU	GRASS				6/4/2011	AV	45.673812	-119.247893		X

ID	DIST	QUANT	SPECIES	HABITAT	AGE	GENDER	PHOTO	DATE	OBSTYPE	LAT	LONG	COMMENTS	SSS
232	800	1	COYOTE	AG				6/4/2011	V	45.679720	-119.268812		
233	0	2	WEKI	GRASS				6/4/2011	AV	45.674079	-119.247882		
233	300	3	WEME	AG				6/4/2011	AV	45.679584	-119.268546		
234	0	1	EAKI	AG				6/4/2011	V	45.674079	-119.247882		
234	0	2	BARS	AG				6/4/2011	V	45.679584	-119.268545		
235	100	2	BARS	GRASS				6/4/2011	AV	45.672158	-119.247662		
235	400	1	RNEP	AG				6/4/2011	A	45.679584	-119.268546		
236	400	2	HOLA	GRASS				6/4/2011	AV	45.672158	-119.247662		
236	100	2	HOLA	AG				6/4/2011	A	45.677579	-119.258918		
237	1100	2	WEME	GRASS				6/4/2011	A	45.669398	-119.245313		
237	200	3	WEME	AG				6/4/2011	A	45.677579	-119.258917		
238	1100	1	HOLA	GRASS				6/4/2011	A	45.669398	-119.245313		
238	50	3	HOLA	AG				6/4/2011	AV	45.676969	-119.256440		
239	800	5	HOLA	GRASS				6/4/2011	AV	45.671470	-119.244808		
239	0	1	SEOW	AG				6/4/2011	V	45.676108	-119.254902		
240	800	2	SAVS	GRASS				6/4/2011	AV	45.671470	-119.244808		
241	800	1	WEME	GRASS				6/4/2011	A	45.671470	-119.244808		
242	300	6	HOLA	GRASS				6/4/2011	AV	45.673594	-119.245214		
243	50	4	HOLA	AG				6/4/2011	AV	45.674688	-119.237490		
244	0	1	NOHA	AG				6/4/2011	V	45.674688	-119.237490		
245	100	3	WEME	AG				6/4/2011	AV	45.674700	-119.231310		
246	100	5	HOLA	AG				6/4/2011	AV	45.674700	-119.231310		
247	0	1	SAPH	GRASS				6/4/2011	AV	45.674792	-119.225348		
248	50	3	HOLA	GRASS				6/4/2011	AV	45.674792	-119.225348		
249	50	2	WEME	GRASS				6/4/2011	AV	45.674792	-119.225348		
250	200	2	MODO	GRASS				6/4/2011	V	45.674792	-119.225348		
251	200	1	GRSP	GRASS				6/4/2011	A	45.674792	-119.225348		X
252	1000	2	LBCU	GRASS				6/4/2011	AV	45.675733	-119.217799		X
253	150	5	HOLA	GRASS				6/4/2011	AV	45.675733	-119.217799		
254	700	1	WEME	GRASS				6/4/2011	A	45.676716	-119.215802		
255	400	1	HOLA	GRASS				6/4/2011	A	45.676716	-119.215802		
256	1000	5	LBCU	GRASS				6/4/2011	AV	45.674889	-119.212397		X
257	400	3	HOLA	GRASS				6/4/2011	AV	45.674889	-119.212397		
258	100	1	RACER	GRASS				6/4/2011	V	45.674839	-119.214595		
300	50	2	BRBL	AG				6/4/2011	AV	44.150545	-117.510409		
301	200	4	HOLA	AG				6/4/2011	AV	44.150544	-117.510407		
302	500	1	KILL	AG				6/4/2011	A	44.150540	-117.510401		
303	0	1	RWBL	SHRUB				6/4/2011	V	44.150754	-117.510458		
304	500	6	BHCO	SHRUB				6/4/2011	V	44.154080	-117.510291		
305	100	2	BRSP	SHRUB				6/4/2011	A	44.154084	-117.510292		
306	0	1	MODO	SHRUB				6/4/2011	V	44.154370	-117.510218		
306	150	1	GOPHER SNAKE	SHRUB				6/4/2011	V	44.155949	-117.509848		
307	500	1	LASP	SHRUB				6/4/2011	A	44.155946	-117.509849		
307	250	2	HOLA	SHRUB				6/4/2011	V	44.157271	-117.509529		
308	0	2	LASP	SHRUB				6/4/2011	V	44.157271	-117.509592		
309	100	3	LASP	SHRUB				6/4/2011	V	44.158048	-117.510094		
310	0	4	HOLA	SHRUB				6/4/2011	V	44.158051	-117.510092		
311	500	4	WEME					6/4/2011		44.159659	-117.510050		
312	400	1	BRSP	SHRUB				6/4/2011	A	44.160764	-117.509800		
312	250	2	BRSP	SHRUB				6/4/2011	A	44.163617	-117.509656		
313	200	1	COYOTE	SHRUB				6/4/2011	V	44.163618	-117.509657	DEAD	
314	250	1	LASP	SHRUB				6/4/2011	V	44.165481	-117.509439		
315	100	4	BRSP	SHRUB				6/4/2011	AV	44.165482	-117.509455		
316	200	1	BRBL	SHRUB				6/4/2011	V	44.165486	-117.509439		
318	250	1	LASP	SHRUB				6/4/2011	V	44.165482	-117.509441		
1500	0	50	BARS	GRASS				6/4/2011	VA	43.920770	-117.375499		
1501	25	50	RWBL	GRASS				6/4/2011	VA	43.920765	-117.375503		
1502	25	25	BRBL	GRASS				6/4/2011	VA	43.920764	-117.375503		
1503	25	1	AMRO	GRASS				6/4/2011	V	43.920762	-117.375504		
1504	0	4	MODO	GRASS				6/4/2011	V	43.922174	-117.377341		
1505	25	10	HOSP	GRASS				6/4/2011	VA	43.922180	-117.377349		
1506	0	3	EUST	GRASS				6/4/2011	VA	43.922179	-117.377349		
1507	0	5	CAQU	GRASS				6/4/2011	V	43.922179	-117.377349		
1508	25	1	BUOR	GRASS				6/4/2011	A	43.922963	-117.378499		
1509	25	3	WEKI	GRASS				6/4/2011	AV	43.923035	-117.378652		
1510	0	1	BHCO	GRASS				6/4/2011	A	43.923035	-117.378652		
1511	100	2	WEME	SHRUB				6/4/2011	A	43.924359	-117.382705		
1512	100	1	AMRO	GRASS				6/4/2011	A	43.924360	-117.382704		
1513	0	2	WEKI	GRASS				6/4/2011	V	43.924361	-117.382704		
1514	100	2	WEME	GRASS				6/4/2011	A	43.921305	-117.384135		
1515	100	2	HOLA	GRASS				6/4/2011	A	43.921295	-117.384137		
1516	0	1	MODO	GRASS				6/4/2011	V	43.921296	-117.384137		
1517	50	3	HOLA	GRASS				6/4/2011	VA	43.917935	-117.383751		
1518	250	1	WEME	GRASS				6/4/2011	A	43.917935	-117.383751		
1519	750	1	CORA	GRASS				6/4/2011	A	43.917935	-117.383752		

ID	DIST	QUANT	SPECIES	HABITAT	AGE	GENDER	PHOTO	DATE	OBSTYPE	LAT	LONG	COMMENTS	SSS
1520	100	2	WEME	GRASS				6/4/2011	A	43.914586	-117.382970		
1521	0	4	HOLA	GRASS				6/4/2011	VA	43.910781	-117.380755		
1522	0	2	MODO	GRASS				6/4/2011	V	43.910781	-117.380755		
1522	100	1	BARS	GRASS				6/4/2011	VA	43.910782	-117.380752		
1523	0	6	HOLA	GRASS				6/4/2011	VA	43.906435	-117.378695		
1523	250	2	WEME	GRASS				6/4/2011	A	43.910782	-117.380754		
1524	100	2	HOLA	GRASS				6/4/2011	A	43.902184	-117.376358		
1525	100	4	HOLA	GRASS				6/4/2011	VA	43.899214	-117.373466		
1526	250	1	WEKI	GRASS				6/4/2011	V	43.896333	-117.371583		
1527	250	2	WEME	GRASS				6/4/2011	A	43.893383	-117.367948		
1527	50	5	HOLA	GRASS				6/4/2011	VA	43.896333	-117.371583		
1528	50	3	HOLA	GRASS				6/4/2011	VA	43.893383	-117.367948		
1529	1500	1	CORA	GRASS				6/4/2011	V	43.893383	-117.367948		
1530	500	2	WEME	GRASS				6/4/2011	A	43.891199	-117.364629		
1531	100	3	HOLA	GRASS				6/4/2011	A	43.891199	-117.364629		
1532	250	2	WEME	GRASS				6/4/2011	A	43.887555	-117.363093		
1533	50	1	KILL	GRASS				6/4/2011	A	43.887552	-117.363091		
1534	250	1	LASP	SHRUB				6/4/2011	A	43.887546	-117.363085		
1535	100	6	WEME	SHRUB				6/4/2011	VA	43.885605	-117.365299		
1536	500	1	WEKI	SHRUB				6/4/2011	V	43.885605	-117.365300		
1537	500	2	BRBL	SHRUB				6/4/2011	V	43.885605	-117.365300		
1538	1500	1	RTHA	SHRUB				6/4/2011	A	43.885605	-117.365300		
1539	100	2	LASP	SHRUB				6/4/2011	A	43.885605	-117.365300		
1540	250	1	LASP	SHRUB				6/4/2011	A	43.882233	-117.368080		
1541	100	4	WEME	SHRUB				6/4/2011	A	43.882233	-117.368081		
1542	0	1	EUST	SHRUB				6/4/2011	V	43.882107	-117.368864		
1543	500	1	CORA	SHRUB				6/4/2011	V	43.882104	-117.368859		
1544	0	2	LASP	SHRUB				6/4/2011	V	43.881901	-117.368946		
1546	0	2	HOLA	SHRUB				6/4/2011	A	43.881903	-117.368933		
1547	1500	1	GOEA	SHRUB				6/4/2011	V	43.880959	-117.368772		
1548	0	4	WEME	SHRUB				6/4/2011	VA	43.880250	-117.368169		
1562	300	2	WEME	SHRUB				6/4/2011	A	43.860564	-117.369830		
1563	100	2	HOLA	GRASS				6/4/2011	A	43.857348	-117.371395		
1564	250	2	WEME	SHRUB				6/4/2011	A	43.857349	-117.371395		
1565	500	1	BUOR	SHRUB				6/4/2011	A	43.857350	-117.371395		
1566	500	1	LAZB	SHRUB				6/4/2011	A	43.857350	-117.371395		
1567	100	1	BRSP	SHRUB				6/4/2011	A	43.854736	-117.372285		
1569	100	2	WEME	SHRUB				6/4/2011	A	43.854421	-117.371997		
1570	200	2	BUOR	SHRUB				6/4/2011	A	43.854421	-117.371999		
1572	50	2	CLSW	SHRUB				6/4/2011	VA	43.851230	-117.371887		
1573	0	1	RTHA	SHRUB				6/4/2011	V	43.848738	-117.374073		
1573	250	2	WEME	SHRUB				6/4/2011	A	43.851231	-117.371885		
1574	50	2	RWBL	SHRUB				6/4/2011	VA	43.848739	-117.374073		
1574	25	4	RWBL	SHRUB				6/4/2011	VA	43.848742	-117.374073		
1575	100	2	LAZB	SHRUB				6/4/2011	A	43.847366	-117.375236		
1577	500	2	WEME	SHRUB STEPPE				6/4/2011	A	43.845309	-117.374329		
1578	250	1	LAZB	SHRUB STEPPE				6/4/2011	A	43.845307	-117.374333		
1579	1500	1	RTHA	SHRUB STEPPE				6/4/2011	V	43.845305	-117.374338		
1580	500	2	WEME	SHRUB STEPPE				6/4/2011	A	43.844593	-117.371124		
1581	250	1	BRSP	SHRUB STEPPE				6/4/2011	A	43.844590	-117.371126		
1583	50	1	LASP	SHRUB				6/4/2011	VA	43.843741	-117.368601		
1584	100	1	BRSP	SHRUB				6/4/2011	A	43.843715	-117.368582		
1584	100	4	HOLA	GRASS				6/4/2011	A	43.843758	-117.365141		
1585	100	3	HOLA	SHRUB				6/4/2011	A	43.843716	-117.368582		
1585	0	1	HOLA	GRASS				6/4/2011	VA	43.844430	-117.360339		
1586	50	4	HOLA	GRASS				6/4/2011	VA	43.844849	-117.357296		
1587	100	3	HOLA	GRASS				6/4/2011	VA	43.846076	-117.354792		
1588	100	4	HOLA	GRASS				6/4/2011	VA	43.847792	-117.351764		
1589	200	4	CORA	GRASS				6/4/2011	VA	43.849302	-117.349503		
1590	50	5	HOLA	GRASS				6/4/2011	VA	43.849302	-117.349490		
1592	0	6	HOLA	GRASS				6/4/2011	VA	43.851167	-117.346796		
1593	1000	1	GOEA	GRASS				6/4/2011	V	43.851833	-117.346681		
1595	50	4	HOLA	GRASS				6/4/2011	VA	43.851836	-117.346683		
1596	1500	1	CORA	GRASS				6/4/2011	A	43.851837	-117.346683		
1597	100	2	HOLA	GRASS				6/4/2011	A	43.854172	-117.346522		
1598	50	2	HOLA	GRASS				6/4/2011	A	43.855417	-117.346470		
1614	50	3	HOLA	GRASS				6/4/2011	VA	43.866856	-117.389955		
1615	200	2	WEME	SHRUB				6/4/2011	VA	43.866485	-117.395696		
1615	250	1	WEME	GRASS				6/4/2011	A	43.866857	-117.389955		
1616	250	4	WEME	SHRUB				6/4/2011	VA	43.866036	-117.397812		
1617	100	2	HOLA	SHRUB				6/4/2011	A	43.866036	-117.397812		
1618	300	2	WEME	SHRUB				6/4/2011	A	43.864517	-117.401657		
1619	100	1	BUOR	SHRUB				6/4/2011	VA	43.863113	-117.403230		
1620	0	1	LASP	SHRUB				6/4/2011	V	43.860282	-117.407065		
1620	500	1	LASP	SHRUB				6/4/2011	A	43.863113	-117.403230		

ID	DIST	QUANT	SPECIES	HABITAT	AGE	GENDER	PHOTO	DATE	OBSTYPE	LAT	LONG	COMMENTS	SSS
1621	0	2	ROWR	SHRUB				6/4/2011	VA	43.860901	-117.407139		
1621	250	4	WEME	SHRUB				6/4/2011	VA	43.863113	-117.403230		
1622	500	1	WEME	GRASS				6/4/2011	A	43.860201	-117.411137		
1622	250	3	HOLA	SHRUB				6/4/2011	VA	43.863113	-117.403230		
1623	10	0	BUOW-NEST	GRASS				6/4/2011	V	43.859951	-117.411787	DEN LOCATION	X
1623	1000	1	CORA	SHRUB				6/4/2011	A	43.863113	-117.403230		
1624	750	1	NOHA	GRASS				6/4/2011	V	43.859878	-117.411795		
1626	0	2	HOLA	GRASS				6/4/2011	V	43.859879	-117.411795		
1627	0	1	LBCU	GRASS				6/4/2011	VA	43.859879	-117.411795		X
1628	50	1	LBCU	GRASS				6/4/2011	VA	43.856507	-117.419281		X
1700	0	1	SATH	SHRUB STEPPE			PIC	6/4/2011	VA	43.899199	-117.435581		X
1701	500	1	BRSP	AG				6/4/2011		43.899198	-117.435576		
1702	500	1	LASP	SHRUB STEPPE				6/4/2011	A	43.899198	-117.435577		
1703	250	3	WEME	SHRUB				6/4/2011	A	43.899198	-117.435577		
1704	0	3	BRSP	SHRUB STEPPE				6/4/2011	A	43.899375	-117.433355		
1705	0	2	MODO	SHRUB STEPPE				6/4/2011	V	43.899318	-117.433060		
1705	0	2	HOLA	SHRUB				6/4/2011	A	43.899375	-117.433353		
1706	750	1	CORA	GRASS				6/4/2011	V	43.899288	-117.432928		
1707	0	2	BRSP	SHRUB STEPPE				6/4/2011	VA	43.899288	-117.432928		
1708	0	2	HOLA	GRASS				6/4/2011	A	43.898448	-117.430953		
1709	500	2	BRSP	SHRUB STEPPE				6/4/2011	A	43.898449	-117.430951		
1710	0	2	WEME	SHRUB STEPPE				6/4/2011	A	43.898449	-117.430950		
1711	0	7	HOLA	GRASS				6/4/2011	VA	43.896709	-117.433406		
1712	0	1	LASP	GRASS				6/4/2011	A	43.897661	-117.434891		
105	400	1	BRBL	SHRUB				6/5/2011	V	44.168884	-117.509929		
301	250	1	SHORT-HORNED LIZARD	SAGE				6/5/2011	V	45.633614	-119.189061		
302	150	2	GRSP	SAGE				6/5/2011	AV	45.634198	-119.189282		X
302	0	2	BRBL	SAGE				6/5/2011	AV	45.634198	-119.189282		
302	250	1	HOLA	SAGE				6/5/2011	AV	45.634198	-119.189282		
302	150	2	LASP	SAGE				6/5/2011	AV	45.634198	-119.189282		
302	200	2	WEME	SAGE				6/5/2011	AV	45.634198	-119.189282		
303	50	1	BTSP	SAGE				6/5/2011	AV	45.635597	-119.190354		X
304	200	1	GRSP	GRASS				6/5/2011	A	45.636865	-119.190847		X
304	250	2	HOLA	GRASS				6/5/2011	A	45.636865	-119.190847		
305	0	4	HOLA	GRASS				6/5/2011	AV	45.638698	-119.192627		
305	250	2	WEME	GRASS				6/5/2011	A	45.638698	-119.192627		
306	300	6	HOLA	GRASS				6/5/2011	A	45.639756	-119.193672		
306	200	5	WEME	GRASS				6/5/2011	A	45.639756	-119.193672		
307	300	3	HOLA	RABBITBUSH				6/5/2011	A	45.640801	-119.194856		
307	800	1	MULE DEER	RABBITBUSH		M		6/5/2011	V	45.640801	-119.194856		
307	200	4	WEME	RABBITBUSH				6/5/2011	A	45.640801	-119.194856		
308	250	1	GRSP	RABBITBUSH				6/5/2011	A	45.642444	-119.196041		X
308	800	1	LBCU	RABBITBUSH				6/5/2011	AV	45.642444	-119.196041		X
309	300	3	HOLA	RABBITBUSH				6/5/2011	A	45.643995	-119.197314		
309	200	6	WEME	RABBITBUSH				6/5/2011	AV	45.643995	-119.197314		
310	100	4	GRSP	RABBITBUSH				6/5/2011	AV	45.644822	-119.197835		X
310	0	2	LBCU	RABBITBUSH				6/5/2011	AV	45.644822	-119.197835		X
310	200	2	HOLA	RABBITBUSH				6/5/2011	A	45.644822	-119.197835		
310	150	1	MODO	RABBITBUSH				6/5/2011	V	45.644822	-119.197835		
310	500	1	NOHA	RABBITBUSH		F		6/5/2011	V	45.644822	-119.197835		
310	150	4	WEME	RABBITBUSH				6/5/2011	A	45.644822	-119.197835		
311	150	6	HOLA	RABBITBUSH				6/5/2011	AV	45.646565	-119.198976		
311	250	6	WEME	RABBITBUSH				6/5/2011	AV	45.646565	-119.198976		
312	900	1	LBCU	RABBITBUSH				6/5/2011	A	45.648907	-119.200621		X
312	250	5	HOLA	RABBITBUSH				6/5/2011	AV	45.648907	-119.200621		
312	200	8	WEME	RABBITBUSH				6/5/2011	AV	45.648907	-119.200621		
313	250	2	GRSP	RABBITBUSH				6/5/2011	AV	45.651996	-119.202878		X
313	200	7	HOLA	RABBITBUSH				6/5/2011	A	45.651996	-119.202878		
313	150	9	WEME	RABBITBUSH				6/5/2011	AV	45.651996	-119.202878		
314	900	1	LBCU	RABBITBUSH				6/5/2011	AV	45.654623	-119.205011		X
314	150	6	HOLA	RABBITBUSH				6/5/2011	AV	45.654623	-119.205011		
314	200	11	WEME	RABBITBUSH				6/5/2011	AV	45.654623	-119.205011		
315	100	3	HOLA	RABBITBUSH				6/5/2011	AV	45.658348	-119.208431		
315	200	4	WEME	RABBITBUSH				6/5/2011	AV	45.658348	-119.208431		
316	200	1	GRSP	GRASS				6/5/2011	A	45.659296	-119.208872		X
316	150	3	BRBL	GRASS				6/5/2011	AV	45.659296	-119.208872		
316	1000	1	CORA	GRASS				6/5/2011	A	45.659296	-119.208872		
316	200	3	HOLA	GRASS				6/5/2011	AV	45.659296	-119.208872		
316	250	2	KILL	CATTLE YARD				6/5/2011	AV	45.659296	-119.208872		
316	0	2	MODO	GRASS				6/5/2011	V	45.659296	-119.208872		
317	150	4	GRSP	GRASS				6/5/2011	A	45.661273	-119.210006		X
317	200	1	LBCU	GRASS				6/5/2011	A	45.661273	-119.210006		X
317	200	3	HOLA	GRASS				6/5/2011	A	45.661273	-119.210006		
318	250	2	GRSP	GRASS				6/5/2011	A	45.664507	-119.212968		X
318	1500	1	LBCU	GRASS				6/5/2011	A	45.664507	-119.212968		X

ID	DIST	QUANT	SPECIES	HABITAT	AGE	GENDER	PHOTO	DATE	OBSTYPE	LAT	LONG	COMMENTS	SSS
318	800	2	CORA	GRASS				6/5/2011	A	45.664507	-119.212968		
318	300	4	HOLA	GRASS				6/5/2011	A	45.664507	-119.212968		
319	700	1	LBCU	GRASS				6/5/2011	A	45.666380	-119.214714		X
319	200	5	HOLA	GRASS				6/5/2011	AV	45.666380	-119.214714		
319	100	4	WEME	GRASS				6/5/2011	AV	45.666380	-119.214714		
320	0	1	GRSP	GRASS				6/5/2011	AV	45.667922	-119.214779		X
320	150	4	HOLA	GRASS				6/5/2011	AV	45.667922	-119.214779		
321	100	1	GRSP	GRASS				6/5/2011	AV	45.670826	-119.214336		X
321	0	7	LBCU	GRASS				6/5/2011	AV	45.670826	-119.214336		X
321	200	3	HOLA	AG WHEAT				6/5/2011	AV	45.670826	-119.214336		
322	1000	1	BUOW	GRASS				6/5/2011	V	45.659633	-119.215620		X
323	1000	0	BUOW	GRASS				6/5/2011	V	45.659914	-119.215509	BURROWING OWL PELLET AND WHITEWASH	X
324	0	1	GRSP	SHORT SHRUB				6/5/2011	A	45.590386	-119.183591		X
324	0	3	HOLA	SHORT SHRUB				6/5/2011	AV	45.590386	-119.183591		
324	50	1	SAVS	SHORT SHRUB				6/5/2011	AV	45.590386	-119.183591		
324	50	1	WEME	SHORT SHRUB				6/5/2011	AV	45.590386	-119.183591		
325	50	3	HOLA	SHORT SHRUB				6/5/2011	AV	45.592454	-119.183082		
325	0	1	PRONGHORN ANTELOPE	SHORT SHRUB				6/5/2011	V	45.592454	-119.183082		
326	50	3	GRSP	SHORT SHRUB				6/5/2011	AV	45.594785	-119.182928		X
326	50	6	HOLA	SHORT SHRUB				6/5/2011	AV	45.594785	-119.182928		
327	200	1	GRSP	SHORT SHRUB				6/5/2011	A	45.598424	-119.183865		X
327	150	10	HOLA	SHORT SHRUB				6/5/2011	AV	45.598424	-119.183865		
328	50	2	HOLA	SHORT SHRUB				6/5/2011	AV	45.600086	-119.184454		
328	500	1	WEME	SHORT SHRUB				6/5/2011	A	45.600086	-119.184454		
329	150	3	GRSP	SHORT SHRUB				6/5/2011	A	45.601482	-119.184114		X
329	100	8	HOLA	SHORT SHRUB				6/5/2011	AV	45.601482	-119.184114		
330	0	1	GRSP	SHORT SHRUB				6/5/2011	AV	45.602611	-119.184103		X
330	150	6	HOLA	SHORT SHRUB				6/5/2011	AV	45.602611	-119.184103		
330	200	4	WEME	SHORT SHRUB				6/5/2011	AV	45.602611	-119.184103		
331	100	2	GRSP	SHORT SHRUB				6/5/2011	A	45.604056	-119.183798		X
331	1500	1	LBCU	SHORT SHRUB				6/5/2011	A	45.604056	-119.183798		X
331	150	2	HOLA	SHORT SHRUB				6/5/2011	AV	45.604056	-119.183798		
331	300	3	WEME	SHORT SHRUB				6/5/2011	AV	45.604056	-119.183798		
332	200	4	GRSP	SHORT SHRUB				6/5/2011	A	45.608472	-119.183921		X
332	50	7	HOLA	SHORT SHRUB				6/5/2011	AV	45.608472	-119.183921		
332	250	4	WEME	SHORT SHRUB				6/5/2011	A	45.608472	-119.183921		
333	0	1	GOPHER SNAKE	SHORT SHRUB				6/5/2011	V	45.609837	-119.184258		
333	25	4	HOLA	SHORT SHRUB				6/5/2011	AV	45.609837	-119.184258		
333	300	2	WEME	SHORT SHRUB				6/5/2011	A	45.609837	-119.184258		
334	250	1	GRSP	GRASS				6/5/2011	A	45.612792	-119.183473		X
334	250	7	HOLA	GRASS				6/5/2011	AV	45.612792	-119.183473		
334	300	2	WEME	GRASS				6/5/2011	A	45.612792	-119.183473		
335	200	1	GRSP	GRASS				6/5/2011	A	45.616423	-119.184177		X
335	100	3	HOLA	GRASS				6/5/2011	A	45.616423	-119.184177		
335	200	3	WEME	GRASS				6/5/2011	AV	45.616423	-119.184177		
336	100	2	GRSP	GRASS				6/5/2011	AV	45.619273	-119.184220		X
336	150	2	WEME	GRASS				6/5/2011	AV	45.619273	-119.184220		
337	0	2	HOLA	GRASS				6/5/2011	AV	45.621854	-119.184480		
337	50	1	WEME	GRASS				6/5/2011	A	45.621854	-119.184480		
338	50	2	GRSP	GRASS				6/5/2011	AV	45.623554	-119.184253		X
338	150	1	COYOTE	GRASS				6/5/2011	V	45.623554	-119.184253	SKULL ONLY	
338	300	1	HOLA	GRASS				6/5/2011	A	45.623554	-119.184253		
338	100	2	WEME	GRASS				6/5/2011	A	45.623554	-119.184253		
339	200	0	BUOW	GRASS				6/5/2011	V	45.626057	-119.183977	BURROWING OWL - SECONDARY HOLE AND WHITEWASH	X
340	200	0	BUOW-NEST	GRASS				6/5/2011	V	45.626243	-119.184070	BURROWING OWL - PRIMARY HOLE, WHITEWASH, PELLETS	X
341	200	0	BUOW	GRASS				6/5/2011	V	45.626295	-119.184134	BURROWING OWL SECONDARY HOLE AND WHITEWASH	X
342	200	2	BUOW	GRASS				6/5/2011	AV	45.626333	-119.183736	VERY NEAR BURROWS	X
343	100	4	HOLA	GRASS				6/5/2011	AV	45.627003	-119.185465		
344	50	1	GRSP	GRASS				6/5/2011	A	45.628595	-119.184948		X
344	150	4	HOLA	GRASS				6/5/2011	AV	45.628595	-119.184948		
344	100	1	NOHA	GRASS		F		6/5/2011	V	45.628595	-119.184948		
344	100	3	WEME	GRASS				6/5/2011	A	45.628595	-119.184948		
345	150	6	HOLA	GRASS				6/5/2011	AV	45.631702	-119.186931		
345	300	3	WEME	GRASS				6/5/2011	AV	45.631702	-119.186931		
346	0	5	HOLA	GRASS				6/5/2011	AV	45.633286	-119.188296		
346	200	2	WEME	GRASS				6/5/2011	A	45.633286	-119.188296		
400	150	1	RNEP	SHRUB				6/5/2011	V	44.167200	-117.509567		
401	100	4	BRSP	SHRUB				6/5/2011	AV	44.167374	-117.509781		
402	0	2	MODO	SHRUB				6/5/2011	V	44.167373	-117.509780		
402	150	1	BRBL	SHRUB				6/5/2011	V	44.167382	-117.509799		
404	0	10	BHCO	SHRUB				6/5/2011	V	44.167391	-117.509791		
405	250	4	WEME	SHRUB				6/5/2011	A	44.167391	-117.509790		
406	250	1	VESP	SHRUB				6/5/2011	V	44.168891	-117.509930		
407	200	5	BRSP	SHRUB				6/5/2011	AV	44.168892	-117.509929		
408	200	1	CAQU	SHRUB				6/5/2011	V	44.170101	-117.509940		

ID	DIST	QUANT	SPECIES	HABITAT	AGE	GENDER	PHOTO	DATE	OBSTYPE	LAT	LONG	COMMENTS	SSS
409	250	1	SATH	SHRUB				6/5/2011	A	44.170107	-117.509944		X
410	300	2	LASP	SHRUB				6/5/2011	V	44.170107	-117.509943		
411	200	4	BRSP	SHRUB				6/5/2011	AV	44.170106	-117.509945		
412	0	2	BRBL	SHRUB				6/5/2011	V	44.170106	-117.509945		
413	200	0	DUCK	SHRUB				6/5/2011	FEATHER	44.170126	-117.509946		
415	400	1	HOLA	SHRUB				6/5/2011	A	44.170360	-117.509907		
416	0	2	HOLA	SHRUB				6/5/2011	AV	44.171096	-117.509877		
416	200	1	ELK-DEAD	SHRUB	YEARLING	F		6/5/2011	SKELETON	44.171638	-117.509908		X
417	200	2	LASP	SHRUB				6/5/2011	V	44.171997	-117.509857		
418	500	4	WEME	SHRUB				6/5/2011	A	44.171999	-117.509854		
420	150	2	MODO	SHRUB				6/5/2011	V	44.174646	-117.509703		
421	200	4	LASP	SHRUB				6/5/2011	AV	44.174645	-117.509702		
422	150	2	BRSP	SHRUB				6/5/2011	A	44.174645	-117.509701		
423	0	1	VESP	SHRUB				6/5/2011	V	44.176359	-117.510193		
424	50	6	BRSP	SHRUB				6/5/2011	VA	44.176358	-117.510194		
425	200	2	LASP	SHRUB				6/5/2011	A	44.176359	-117.510195		
426	250	6	WEME	SAGE				6/5/2011	AV	44.176359	-117.510195		
426	250	6	WEME	SHRUB				6/5/2011	A	44.179747	-117.509726		
427	0	1	BRSP	SHRUB				6/5/2011	A	44.179749	-117.509725		
427	150	2	VESP	SHRUB				6/5/2011	A	44.180950	-117.509754		
428	400	1	HOLA	SHRUB				6/5/2011	A	44.180948	-117.509756		
429	300	3	LASP	SHRUB				6/5/2011	AV	44.180950	-117.509757		
430	200	2	LASP	SHRUB				6/5/2011	V	44.182786	-117.509918		
431	100	1	BRSP	SHRUB				6/5/2011	V	44.182790	-117.509920		
432	500	3	WEME	SHRUB				6/5/2011	A	44.183021	-117.509950		
433	200	6	HOLA	GRASS				6/5/2011	AV	44.187078	-117.509540		
434	500	3	WEME	GRASS				6/5/2011	A	44.187081	-117.509540		
435	0	7	LBCU	GRASS				6/5/2011	V	44.187776	-117.509745		X
435	200	1	STRIPED WHIPSNAKE	SHRUB				6/5/2011	V	44.192385	-117.513725		
438	100	12	HOLA	SHRUB				6/5/2011	AV	44.189614	-117.511696		
439	100	4	HOLA	SHRUB				6/5/2011	AV	44.192179	-117.513483		
440	500	6	WEME	SHRUB				6/5/2011	A	44.192179	-117.513481		
441	200	1	GRSP	GRASS				6/5/2011	A	44.192208	-117.513536		X
442	750	1	CAQU	SHRUB				6/5/2011	A	44.192207	-117.513527		
444	0	1	MODO	SHRUB				6/5/2011	V	44.193619	-117.515055		
445	400	1	WEKI	SHRUB				6/5/2011	V	44.193617	-117.515060		
446	200	3	BRSP	SHRUB				6/5/2011	A	44.193615	-117.515053		
447	250	1	WESTERN WHIPTAIL	SHRUB				6/5/2011	V	44.194175	-117.515210		
448	250	2	LASP					6/5/2011		44.194181	-117.515196		
449	150	2	LOSH	SHRUB				6/5/2011	V	44.194489	-117.515954		X
450	400	1	CORA	SHRUB				6/5/2011	V	44.194487	-117.515953		
451	250	6	WEME	SHRUB				6/5/2011	A	44.194487	-117.515952		
452	200	5	BRSP	SHRUB				6/5/2011	A	44.194486	-117.515952		
457	200	1	BHCO	SHRUB				6/5/2011	A	44.194486	-117.515951		
458	50	1	SATH	SHRUB				6/5/2011	AV	44.197303	-117.519113		X
460	200	3	BRSP	SHRUB				6/5/2011	A	44.198120	-117.519986		
461	0	2	BRBL	SHRUB				6/5/2011	V	44.309390	-117.390136		
462	250	1	LAZB	SHRUB				6/5/2011	A	44.309379	-117.390110		
463	500	2	WEME	SHRUB				6/5/2011	A	44.309633	-117.388977		
464	750	2	CHUK	SHRUB				6/5/2011	A	44.309633	-117.388978		
465	500	1	LAZB	SHRUB				6/5/2011	A	44.309828	-117.388103		
466	500	1	BRSP	SHRUB				6/5/2011	A	44.309838	-117.388097		
467	250	3	WEME	SHRUB				6/5/2011	A	44.309843	-117.388048		
468	0	2	CHUK	SHRUB				6/5/2011	V	44.310735	-117.386400		
469	0	1	VESP	SHRUB				6/5/2011	V	44.311546	-117.385188		
470	300	1	HOLA	SHRUB				6/5/2011	A	44.312120	-117.384251		
471	250	2	VESP	SHRUB				6/5/2011	A	44.312121	-117.384244		
472	200	6	HOLA	SHRUB				6/5/2011	A	44.313138	-117.381098		
474	250	4	HOLA	SHRUB				6/5/2011	A	44.313482	-117.379814		
475	250	3	WEME	SHRUB				6/5/2011	A	44.313483	-117.379815		
476	100	1	RACER	SHRUB				6/5/2011	V	44.314301	-117.378082		
479	250	6	HOLA	SHRUB				6/5/2011	AV	44.316262	-117.375070		
480	250	3	WEME	SHRUB				6/5/2011	A	44.316260	-117.375070		
481	400	1	VESP	SHRUB				6/5/2011	A	44.316291	-117.375023		
481	150	4	GRSP	SHRUB				6/5/2011	AV	44.319025	-117.369275		X
482	200	5	HOLA	SHRUB				6/5/2011	A	44.319027	-117.369275		
483	500	3	WEME	SHRUB				6/5/2011	A	44.319027	-117.369276		
484	0	1	RTHA	SHRUB				6/5/2011	V	44.319017	-117.369245		
485	0	3	GRSG	SHRUB				6/5/2011	V	44.319230	-117.369274		X
488	250	2	GRSP	SHRUB				6/5/2011	A	44.320425	-117.365912		X
489	250	2	VESP	SHRUB				6/5/2011	A	44.321597	-117.363991		
490	250	5	WEME	SHRUB				6/5/2011	A	44.321613	-117.364022		
491	150	3	BRSP	SHRUB				6/5/2011	VA	44.321609	-117.364023		
493	250	1	VESP	SHRUB				6/5/2011	AV	44.323260	-117.360233		
494	400	1	LAZB	SHRUB				6/5/2011	A	44.323272	-117.360253		

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495	400	1	MULE DEER	SHRUB		F		6/5/2011	V	44.323270	-117.360254		
496	500	1	BRSP	SHRUB "				6/5/2011	A	44.324675	-117.357964		
497	500	8	WEME	SHRUB				6/5/2011	A	44.324689	-117.357996		
497	500	1	GROUSE	SHRUB				6/5/2011	V	44.325269	-117.356575	SIGHTING INADEQUATE TO DIFFERENTIATE SAGR AND STGR	
1713	25	1	BRSP	SHRUB				6/5/2011	A	43.899605	-117.427263		
1714	0	3	LASP	SHRUB				6/5/2011	VA	43.899604	-117.427263		
1715	50	2	WEME	SHRUB				6/5/2011	A	43.899604	-117.427263		
1717	250	4	WEME	SHRUB				6/5/2011	A	43.899445	-117.424789		
1718	0	1	WESTERN RATTLESNAKE	SHRUB				6/5/2011	VA	43.899487	-117.424755		
1719	100	4	HOLA	GRASS				6/5/2011	A	43.899633	-117.421646		
1720	200	2	WEME	GRASS				6/5/2011	A	43.899644	-117.421621		
1721	750	2	PRONGHORN ANTELOPE	GRASS				6/5/2011	V	43.899668	-117.421060		
1722	500	1	LBCU	GRASS				6/5/2011	A	43.899670	-117.421061		X
1723	0	1	LIZARD	GRASS			PIC	6/5/2011	V	43.899875	-117.417224		
1724	100	4	HOLA	GRASS				6/5/2011	A	43.899876	-117.417226		
1725	250	2	WEME	GRASS				6/5/2011	A	43.899876	-117.417226		
1726	50	4	HOLA	GRASS				6/5/2011	A	43.900207	-117.414259		
1727	50	2	WEME	GRASS				6/5/2011	A	43.900208	-117.414257		
1728	0	3	PRONGHORN ANTELOPE	GRASS				6/5/2011	VA	43.900209	-117.414252		
1729	0	1	HORNED LIZARD	GRASS				6/5/2011	V	43.900343	-117.412878		
1730	250	3	WEME	GRASS				6/5/2011	A	43.900996	-117.410038		
1731	100	1	GRSP	GRASS				6/5/2011	A	43.900997	-117.410037		X
1731	50	1	GRSP	GRASS				6/5/2011	A	43.901536	-117.408302		X
1732	100	6	LASP	GRASS				6/5/2011	A	43.901688	-117.406901		
1733	250	4	WEME	GRASS				6/5/2011	A	43.901610	-117.406637		
1734	100	1	GRSP	GRASS				6/5/2011	A	43.901597	-117.406599		X
1736	0	4	LASP	GRASS				6/5/2011	VA	43.900375	-117.406025		
1736	250	2	LBCU	GRASS				6/5/2011	VA	43.900378	-117.406024		X
1737	100	1	PRFA	GRASS				6/5/2011	V	43.899460	-117.405964		X
1738	50	3	HOLA	GRASS				6/5/2011	VA	43.899462	-117.405964		
1739	750	1	PRFA	GRASS				6/5/2011	V	43.899485	-117.405475		X
1740	750	1	CONI	GRASS				6/5/2011	A	43.899506	-117.405419		X
1741	500	2	LASP	GRASS				6/5/2011	A	43.896459	-117.403271		
1741	100	2	LASP	GRASS				6/5/2011	A	43.899506	-117.405420		
1742	100	4	HOLA	GRASS				6/5/2011	A	43.896457	-117.403262		
1743	500	2	WEME	GRASS				6/5/2011	A	43.896457	-117.403261		
1744	0	2	GOPHER SNAKE	GRASS				6/5/2011	V	43.896024	-117.402697		
1745	1000	1	TUVU	GRASS				6/5/2011	V	43.895993	-117.402657		
1746	1000	1	ROWR	GRASS				6/5/2011	A	43.895012	-117.401353		
1747	200	1	GRSP	GRASS				6/5/2011	A	43.895013	-117.401334		X
1748	1500	1	PRONGHORN ANTELOPE	GRASS		M		6/5/2011	VA	43.895004	-117.401336		
1749	0	3	WEME	GRASS				6/5/2011	VA	43.894103	-117.400449		
1750	0	4	HOLA	GRASS				6/5/2011	VA	43.894073	-117.400464		
1751	50	1	GRSP	GRASS				6/5/2011	A	43.894073	-117.400465		X
1752	0	1	LONGNOSE LEOPARD LIZARD					6/5/2011		43.893452	-117.400073		
1753	100	4	HOLA	GRASS				6/5/2011	A	43.890919	-117.397668		
1754	250	2	WEME	GRASS				6/5/2011	A	43.890919	-117.397668		
1760	0	2	MODO	AG				6/5/2011	V	43.977320	-117.406937		
1761	250	4	WEME	AG				6/5/2011	A	43.977320	-117.406937		
1762	500	2	KILL	AG				6/5/2011	A	43.977320	-117.406937		
1763	50	1	SAVS	AG				6/5/2011	A	43.977316	-117.406937		
1764	250	1	BUOR	AG				6/5/2011	A	43.977316	-117.406937		
1765	500	12	RWBL	AG				6/5/2011	A	43.977316	-117.406937		
1766	0	3	BUOR	AG				6/5/2011	VA	43.977316	-117.406937		
1767	0	1	YWAR	AG				6/5/2011	A	43.977316	-117.406937		
1768	0	20	CLSW	AG				6/5/2011	VA	43.981209	-117.407076		
1769	0	15	BARS	AG				6/5/2011	VA	43.981208	-117.407076		
1770	0	2	CAQU	AG				6/5/2011	VA	43.981208	-117.407076		
1771	0	6	HOSP	AG				6/5/2011	VA	43.981208	-117.407077		
1772	0	5	RWBL	AG				6/5/2011	VA	43.981207	-117.407077		
1773	25	2	WEME	AG				6/5/2011	VA	43.981207	-117.407077		
1774	0	4	WEME	SHRUB				6/5/2011	V	43.983600	-117.409153		
1775	200	1	BUOR	SHRUB				6/5/2011	A	43.983600	-117.409155		
1777	200	3	HOLA	GRASS				6/5/2011	A	43.985135	-117.411576		
1778	250	3	WEME	SHRUB				6/5/2011	A	43.985136	-117.411575		
1779	50	1	BRSP	SHRUB STEPPE				6/5/2011	A	43.986736	-117.414436		
1780	250	1	LASP	SHRUB STEPPE				6/5/2011	A	43.986736	-117.414436		
1780	200	3	WEME	SHRUB STEPPE				6/5/2011	A	43.986736	-117.414436		
1781	100	2	BRSP	SHRUB STEPPE				6/5/2011		43.986736	-117.414436		
1782	0	4	HOLA	SHRUB STEPPE				6/5/2011	VA	43.988320	-117.417662		
1783	250	4	BRSP	SHRUB STEPPE				6/5/2011	A	43.988320	-117.417662		
1784	100	3	WEME	SHRUB STEPPE				6/5/2011		43.988320	-117.417662		
1785	50	4	WEME	SHRUB				6/5/2011	VA	43.988877	-117.422991		
1786	250	2	HOLA	GRASS				6/5/2011	A	43.988880	-117.422990		

ID	DIST	QUANT	SPECIES	HABITAT	AGE	GENDER	PHOTO	DATE	OBSTYPE	LAT	LONG	COMMENTS	SSS
1787	50	3	WEME	SHRUB				6/5/2011	VA	43.988827	-117.426071		
1788	250	2	HOLA	SHRUB				6/5/2011	A	43.988825	-117.426071		
1789	200	3	WEME	SHRUB STEPPE				6/5/2011	A	43.990051	-117.428211		
1790	250	2	HOLA	SHRUB				6/5/2011	A	43.990052	-117.428211		
1790	200	5	LASP	SHRUB STEPPE				6/5/2011	VA	43.991707	-117.430376		
1791	250	2	BRSP	SHRUB STEPPE				6/5/2011	A	43.991707	-117.430375		
1792	250	3	WEME	SHRUB STEPPE				6/5/2011	A	43.991707	-117.430375		
1793	250	2	HOLA	SHRUB STEPPE				6/5/2011	A	43.991707	-117.430375		
1794	200	3	WEME	SHRUB STEPPE				6/5/2011	A	43.993675	-117.433967		
1795	250	1	HOLA	SHRUB STEPPE				6/5/2011	A	43.993678	-117.433964		
1796	250	4	WEME	SHRUB STEPPE				6/5/2011	A	43.996655	-117.435157		
1797	750	1	GOEA	SHRUB STEPPE				6/5/2011	V	43.998325	-117.435159		
1798	300	2	ROWR	SHRUB STEPPE				6/5/2011	A	43.994935	-117.439258		
1798	50	1	LASP	SHRUB STEPPE				6/5/2011	A	43.998325	-117.435159		
1799	0	1	HORNED LIZARD	SHRUB STEPPE				6/5/2011	V	43.994935	-117.439258		
1800	200	3	WEME	SHRUB STEPPE				6/5/2011	VA	43.994935	-117.439258		
1801	250	2	HOLA	GRASS				6/5/2011	A	43.993019	-117.440996		
1802	250	1	WEME	GRASS				6/5/2011	A	43.993019	-117.440995		
1803	500	2	HOLA	GRASS				6/5/2011	A	43.990431	-117.442550		
1804	750	1	COYOTE	GRASS				6/5/2011	V	43.990431	-117.442551		
1805	300	2	WEME	GRASS				6/5/2011	A	43.990431	-117.442551		
1806	100	2	WEME	GRASS				6/5/2011	A	43.986268	-117.445829		
1807	250	2	HOLA	GRASS				6/5/2011	A	43.986249	-117.445867		
1808	500	6	PRONGHORN ANTELOPE	GRASS				6/5/2011	V	43.986241	-117.445881		
1810	50	4	HOLA	GRASS				6/5/2011	A	43.984166	-117.448749		
1811	250	2	WEME	GRASS				6/5/2011	A	43.984165	-117.448749		
1812	50	3	HOLA	GRASS				6/5/2011	A	43.985409	-117.453546		
1813	300	1	WEME	GRASS				6/5/2011	A	43.985410	-117.453545		
1814	60	2	BUOW	GRASS				6/5/2011	V	43.986373	-117.456975		X
1815	0	0	BUOW-NEST					6/5/2011	V	43.986180	-117.457037	BUOW BURROW. 2 OWLS OBSERVED	X
1816	500	1	ROWR	SHRUB				6/5/2011	A	43.987612	-117.460417		
1817	250	2	HOLA	GRASS				6/5/2011	A	43.987612	-117.460417		
1818	750	2	PRONGHORN ANTELOPE	GRASS				6/5/2011	V	43.988405	-117.465878		
1819	250	4	HOLA	GRASS				6/5/2011	A	43.988406	-117.465875		
1820	0	1	NOHA	GRASS				6/5/2011	V	43.988406	-117.465875		
1821	250	2	WEME	GRASS				6/5/2011	A	43.988406	-117.465875		
1821	500	1	RTHA	GRASS				6/5/2011	V	43.988711	-117.472445		
1822	50	6	HOLA	GRASS				6/5/2011	VA	43.988711	-117.472446		
1823	0	1	CORA	GRASS				6/5/2011	V	43.988712	-117.472446		
1825	0	6	HOLA	GRASS				6/5/2011	VA	43.989207	-117.476383		
1827	25	1	BRSP	SHRUB STEPPE				6/5/2011	V	43.990572	-117.479870		
1828	100	3	WEME	SHRUB STEPPE				6/5/2011	A	43.990571	-117.479870		
1829	100	1	LASP	SHRUB STEPPE				6/5/2011	A	43.990570	-117.479870		
1830	25	10	WEME	SHRUB STEPPE				6/5/2011	VA	43.992819	-117.483848		
1831	50	5	LASP	SHRUB STEPPE				6/5/2011	VA	43.992820	-117.483848		
1832	100	2	BRSP	SHRUB STEPPE				6/5/2011	A	43.992820	-117.483847		
1836	25	4	HOLA	SHRUB STEPPE				6/5/2011	VA	43.987600	-117.476808		
1837	50	2	BRSP	SHRUB STEPPE				6/5/2011	A	43.987600	-117.476807		
1838	250	4	WEME	SHRUB STEPPE				6/5/2011	A	43.987600	-117.476807		
1839	50	2	LASP	SHRUB STEPPE				6/5/2011	V	43.986180	-117.477354		
1840	100	6	LASP	SHRUB STEPPE				6/5/2011	VA	43.982159	-117.479704		
1841	100	9	WEME	SHRUB STEPPE				6/5/2011	VA	43.982161	-117.479704		
1842	100	2	HOLA	SHRUB STEPPE				6/5/2011	VA	43.982161	-117.479704		
1843	50	5	LASP	SHRUB STEPPE				6/5/2011	VA	43.980893	-117.481028		
1844	50	3	HOLA	SHRUB STEPPE				6/5/2011	VA	43.980991	-117.480905		
369	1000	3	PRONGHORN ANTELOPE	SHRUB				6/6/2011	V	44.247521	-117.591132		
370	250	1	RTHA	SHRUB				6/6/2011	V	44.247520	-117.591128		
372	0	1	CONI	SHRUB				6/6/2011	V	44.247514	-117.591125		X
373	0	1	MODO	SHRUB				6/6/2011	V	44.247513	-117.591125		
374	150	3	BRSP	SHRUB				6/6/2011	A	44.247513	-117.591125		
401	150	1	GRSP	SHORT SHRUB				6/6/2011	A	45.589403	-119.183871		X
401	0	1	LBCU	SHORT SHRUB				6/6/2011	AV	45.589403	-119.183871		X
401	100	2	HOLA	SHORT SHRUB				6/6/2011	AV	45.589403	-119.183871		
401	100	2	WEME	SHORT SHRUB				6/6/2011	A	45.589403	-119.183871		
402	100	3	GRSP	GRASS				6/6/2011	A	45.587529	-119.183759		X
402	200	9	HOLA	GRASS				6/6/2011	A	45.587529	-119.183759		
402	150	2	WEME	GRASS				6/6/2011	A	45.587529	-119.183759		
403	100	2	GRSP	GRASS				6/6/2011	A	45.585749	-119.183444		X
403	150	6	HOLA	GRASS				6/6/2011	AV	45.585749	-119.183444		
403	250	5	WEME	GRASS				6/6/2011	AV	45.585749	-119.183444		
404	150	1	GRSP	GRASS				6/6/2011	AV	45.584274	-119.183623		X
404	50	3	HOLA	GRASS				6/6/2011	AV	45.584274	-119.183623		
404	250	2	WEME	GRASS				6/6/2011	AV	45.584274	-119.183623		
405	350	3	HOLA	GRASS				6/6/2011	A	45.579307	-119.183864		
405	400	3	WEME	GRASS				6/6/2011	A	45.579307	-119.183864		

ID	DIST	QUANT	SPECIES	HABITAT	AGE	GENDER	PHOTO	DATE	OBSTYPE	LAT	LONG	COMMENTS	SSS
406	200	1	GRSP	SHORT SHRUB				6/6/2011	AV	45.573524	-119.181900		X
406	250	10	HOLA	SHORT SHRUB				6/6/2011	AV	45.573524	-119.181900		
406	250	2	WEME	SHORT SHRUB				6/6/2011	AV	45.573524	-119.181900		
407	50	4	HOLA	SHORT SHRUB				6/6/2011	AV	45.570981	-119.178608		
407	250	2	WEME	SHORT SHRUB				6/6/2011	A	45.570981	-119.178608		
408	700	5	CORA	SHORT SHRUB				6/6/2011	V	45.570784	-119.177009		
408	100	5	HOLA	SHORT SHRUB				6/6/2011	AV	45.570784	-119.177009		
409	150	1	GRSP	SHORT SHRUB				6/6/2011	AV	45.569839	-119.175308		X
409	0	4	HOLA	SHORT SHRUB				6/6/2011	AV	45.569839	-119.175308		
409	300	3	HOLA	SHORT SHRUB				6/6/2011	AV	45.569839	-119.175308		
410	200	6	HOLA	GRASS				6/6/2011	AV	45.568424	-119.173427		
410	2500	3	PRONGHORN ANTELOPE	GRASS				6/6/2011	V	45.568424	-119.173427		
410	300	1	WEME	GRASS				6/6/2011	A	45.568424	-119.173427		
411	300	10	HOLA	GRASS				6/6/2011	AV	45.566127	-119.168153		
411	700	1	RTHA	GRASS				6/6/2011	V	45.566127	-119.168153		
412	100	1	GRSP	GRASS				6/6/2011	AV	45.565261	-119.165914		X
412	75	11	HOLA	GRASS				6/6/2011	AV	45.565261	-119.165914		
413	75	6	HOLA	GRASS				6/6/2011	AV	45.564278	-119.163804		
413	300	1	PRONGHORN ANTELOPE	GRASS				6/6/2011	V	45.564278	-119.163804		
413	50	1	ROWR	ROCKS ALONG DRY CREEK				6/6/2011	AV	45.564278	-119.163804		
414	150	2	GRSP	SHORT SHRUB				6/6/2011	AV	45.564025	-119.162680		X
414	100	3	HOLA	GRASS				6/6/2011	AV	45.564025	-119.162680		
415	1000	1	LBCU	GRASS				6/6/2011	AV	45.560809	-119.158283		X
415	500	1	WEME	GRASS				6/6/2011	A	45.560809	-119.158283		
416	175	6	HOLA	FALLOW WHEAT				6/6/2011	AV	45.559782	-119.156016		
416	900	1	WEME	GRASS				6/6/2011	A	45.559782	-119.156016		
418	700	0	SEOW	FALLOW WHEAT				6/6/2011		45.559249	-119.150315	TWO WING FEATHERS AND PELLET	
430	400	5	WEME	SHRUB				6/6/2011	A	44.232673	-117.556276		
500	0	1	BLACK-TAILED JACKRABBIT	SHRUB				6/6/2011	V	44.199050	-117.520960		
501	500	3	WEME	SHRUB				6/6/2011	A	44.201346	-117.522663		
502	0	1	AMRO	SHRUB				6/6/2011	A	44.202521	-117.524361		
503	100	1	BRBL	SHRUB				6/6/2011	V	44.202663	-117.524011		
504	200	3	BRSP	SHRUB				6/6/2011	A	44.203506	-117.524683		
505	250	2	CAQU	SHRUB				6/6/2011	A	44.203506	-117.524681		
506	500	1	CHUK	SHRUB				6/6/2011	A	44.203506	-117.524679		
506	200	1	MULE DEER	SHRUB				6/6/2011	V	44.205322	-117.526063		
507	200	4	WEME	SHRUB				6/6/2011	A	44.205857	-117.526965		
507	0	1	BRSP	SHRUB				6/6/2011	A	44.205861	-117.526966		
508	0	2	BRBL	SHRUB				6/6/2011	V	44.206720	-117.527924		
509	200	1	BUOW	SHRUB /GRASS				6/6/2011	V	44.207612	-117.529995		X
510	0	1	BHCO	SHRUB				6/6/2011	V	44.207615	-117.529992		
510	150	8	BRBL	SHRUB				6/6/2011	V	44.207616	-117.529992		
511	0	1	RTHA	SHRUB				6/6/2011	V	44.208162	-117.530273		
512	100	1	LBCU	SHRUB				6/6/2011	A	44.210097	-117.531089		X
513	250	1	BRSP	SHRUB				6/6/2011	A	44.210093	-117.531088		
514	250	1	LASP	SHRUB				6/6/2011	A	44.210092	-117.531093		
515	0	1	LBCU	SHRUB				6/6/2011	AV	44.210580	-117.531562		X
516	0	1	MODO	SHRUB				6/6/2011	V	44.213304	-117.533592	NEST 1EGG 1CHICK	
519	500	1	SATH	SHRUB				6/6/2011	A	44.213573	-117.533675		X
520	250	2	BRSP	SHRUB				6/6/2011	A	44.213576	-117.533671		
521	400	4	WEME	SHRUB				6/6/2011	A	44.213575	-117.533672		
521	100	1	VESP	SHRUB				6/6/2011	V	44.217295	-117.538500		
522	250	1	WEME	SHRUB				6/6/2011	A	44.217299	-117.538503		
523	250	5	WEME	SHRUB				6/6/2011	A	44.223318	-117.544780		
524	10	2	BHCO	SHRUB				6/6/2011	A	44.223317	-117.544782		
526	250	3	BRBL	SHRUB				6/6/2011	V	44.229423	-117.550807		
527	0	2	MALL	SHRUB				6/6/2011	V	44.230565	-117.551349		
529	0	1	BRSP	SHRUB				6/6/2011	V	44.232674	-117.556275		
531	200	7	WEME	SHRUB				6/6/2011	AV	44.234765	-117.563520		
532	300	1	LASP	SHRUB				6/6/2011	V	44.234764	-117.563522		
533	0	1	BUOR	RIPARIAN				6/6/2011	V	44.235514	-117.566582		
534	0	1	NRWS	RIPARIAN				6/6/2011	V	44.235516	-117.566582		
535	0	1	BHCO	RIPARIAN				6/6/2011	V	44.235517	-117.566582		
536	150	4	LAZB	RIPARIAN				6/6/2011	A	44.235489	-117.566613		
536	100	2	LASP	SHRUB				6/6/2011	V	44.235518	-117.566583		
537	250	4	WEME	SHRUB				6/6/2011	A	44.235489	-117.566620		
539	200	1	LOSH	SHRUB				6/6/2011	V	44.236568	-117.568343		X
540	250	2	BRSP	SHRUB				6/6/2011	A	44.236568	-117.568344		
541	0	2	MULE DEER	SHRUB				6/6/2011	V	44.237247	-117.570465		
543	0	1	MODO	SHRUB				6/6/2011	V	44.237471	-117.571410	NEST 2EGGS	
544	50	2	CONI	SHRUB				6/6/2011	V	44.237885	-117.571793		X
545	50	1	LASP	SHRUB				6/6/2011	V	44.237888	-117.571791		
546	0	1	BHCO	SHRUB				6/6/2011	A	44.237883	-117.571790		
548	150	1	LASP	SHRUB				6/6/2011	A	44.238512	-117.573910		

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548	200	1	LASP	SHRUB				6/6/2011	A	44.238777	-117.575857		
549	400	6	WEME	SHRUB				6/6/2011	A	44.238508	-117.573922		
549	500	1	MODO	SHRUB				6/6/2011	A	44.238778	-117.575844		
550	50	1	CHUK	SHRUB				6/6/2011	V	44.239048	-117.576506		
551	200	2	BRSP	SHRUB				6/6/2011	A	44.239047	-117.576507		
552	100	2	LAZB	SHRUB				6/6/2011	A	44.239625	-117.578207		
552	250	1	ROWR	SHRUB				6/6/2011	A	44.239625	-117.578207		
553	100	3	BRSP	SHRUB				6/6/2011	A	44.239623	-117.578205		
554	250	1	LASP	SHRUB				6/6/2011	A	44.239621	-117.578205		
557	100	1	WEKI	SHRUB				6/6/2011	A	44.239899	-117.578712		
558	200	1	CHUK	SHRUB				6/6/2011	AV	44.240360	-117.580406		
559	250	8	WEME	SHRUB				6/6/2011	AV	44.240358	-117.580408		
559	250	2	LASP	SHRUB				6/6/2011	A	44.240360	-117.580406		
560	0	1	LOSH	SHRUB				6/6/2011	V	44.241616	-117.585292		X
562	0	1	BHCO	SHRUB				6/6/2011	AV	44.242045	-117.587087		
563	250	4	WEME	SHRUB				6/6/2011	A	44.242043	-117.587088		
564	150	1	BRSP	SHRUB				6/6/2011	A	44.242043	-117.587093		
565	500	2	RWBL	SHRUB				6/6/2011	A	44.242041	-117.587093		
565	500	1	CHUK	SHRUB				6/6/2011	A	44.242836	-117.588010		
567	200	3	LASP	SHRUB				6/6/2011	A	44.245956	-117.589998		
568	250	2	BRSP	SHRUB				6/6/2011	A	44.246256	-117.590307		
575	200	2	LASP	SHRUB				6/6/2011	A	44.247503	-117.591088		
576	300	6	WEME	SHRUB				6/6/2011	A	44.247511	-117.591121		
579	150	1	WEKI	SHRUB				6/6/2011	V	44.249072	-117.592338		
580	0	2	WEKI					6/6/2011		44.249675	-117.592751		
581	100	5	BRSP	SHRUB				6/6/2011	AV	44.250331	-117.593412		
583	0	2	SWHA	SHRUB				6/6/2011	V	44.250320	-117.593402		X
583	250	3	WEME	SHRUB				6/6/2011	A	44.253792	-117.593902		
585	500	1	CAQU	SHRUB				6/6/2011	A	44.255187	-117.594332		
609	100	5	HOLA	GRASS				6/6/2011	A	45.555517	-119.153880		
609	250	2	WEME	GRASS				6/6/2011	A	45.555519	-119.153884		
611	100	6	HOLA	GRASS				6/6/2011	AV	45.552466	-119.138989		
612	250	3	CORA	GRASS				6/6/2011	V	45.552465	-119.138989		
613	250	2	WEME	GRASS				6/6/2011	A	45.552465	-119.138990		
614	250	1	AMKE	GRASS		M		6/6/2011	V	45.548422	-119.132595		
615	200	3	WEME	GRASS				6/6/2011	AV	45.548422	-119.132601		
615	100	3	HOLA	GRASS				6/6/2011	VA	45.548417	-119.132601		
616	0	4	WEME	GRASS				6/6/2011	AV	45.546067	-119.129085		
618	100	2	HOLA	GRASS				6/6/2011	A	45.545989	-119.128961		
1800	100	2	MODO	GRASS				6/6/2011	A	43.957783	-117.447303		
1801	50	1	AMRO	GRASS				6/6/2011	V	43.957784	-117.447305		
1802	100	2	WEME	GRASS				6/6/2011	A	43.957785	-117.447305		
1803	250	4	RWBL	GRASS				6/6/2011	VA	43.957785	-117.447304		
1805	200	2	CAQU	GRASS				6/6/2011	A	43.957794	-117.447346		
1806	0	1	WEKI	GRASS				6/6/2011	V	43.957794	-117.447346		
1907	50	2	YWAR	RIPARIAN				6/6/2011	A	43.958613	-117.447317		
1908	50	2	WEME	GRASS				6/6/2011	A	43.958921	-117.447312		
1909	0	2	NOFL	RIPARIAN				6/6/2011	VA	43.961821	-117.449883		X
1910	0	4	YWAR	RIPARIAN				6/6/2011	A	43.961828	-117.449879		
1911	25	4	LAZB	RIPARIAN				6/6/2011	VA	43.961827	-117.449880		
1912	50	4	CAQU	SHRUB STEPPE				6/6/2011	VA	43.961827	-117.449878		
1913	0	4	BBMA	RIPARIAN				6/6/2011	V	43.961827	-117.449877		
1914	0	6	MODO	RIPARIAN				6/6/2011	VA	43.961827	-117.449877		
1915	50	2	WEME	SHRUB STEPPE				6/6/2011	A	43.961827	-117.449879		
1916	0	1	WESTERN RATTLESNAKE	RIPARIAN				6/6/2011	V	43.961839	-117.449894		
1917	0	5	BUOR	RIPARIAN				6/6/2011	VA	43.961832	-117.449901		
1918	0	1	BHGR	RIPARIAN				6/6/2011	VA	43.962806	-117.451026		
1919	0	7	BBMA	RIPARIAN				6/6/2011	VA	43.962809	-117.451029		
1920	50	2	LASP	SHRUB STEPPE				6/6/2011	V	43.962790	-117.451016		
1921	0	2	YWAR	RIPARIAN				6/6/2011	VA	43.962810	-117.451042		
1922	50	2	CAQU	SHRUB STEPPE				6/6/2011	VA	43.962866	-117.451131		
1923	50	3	BUOR	RIPARIAN				6/6/2011	VA	43.963131	-117.451877		
1924	0	2	BHCO	RIPARIAN				6/6/2011	VA	43.963977	-117.453792		
1925	100	2	WEME	SHRUB STEPPE				6/6/2011	A	43.964341	-117.454284		
1926	0	4	LASP	RIPARIAN				6/6/2011	VA	43.964364	-117.454300		
1927	0	2	LAZB	RIPARIAN				6/6/2011	VA	43.964359	-117.454309		
1928	0	2	BGGN	RIPARIAN			PIC	6/6/2011	VA	43.964594	-117.454579		
1929	0	5	BHCO	RIPARIAN				6/6/2011	VA	43.964879	-117.454975		
1930	0	2	LAZB	RIPARIAN				6/6/2011	A	43.965363	-117.456196		
1931	0	5	MODO	RIPARIAN				6/6/2011	V	43.965351	-117.456331		
1932	100	3	WEME	SHRUB STEPPE				6/6/2011	A	43.965376	-117.456353		
1933	25	4	MALL	SHRUB				6/6/2011	V	43.964736	-117.460651		
1934	50	1	LAZB	SHRUB				6/6/2011	A	43.964736	-117.460652		
1935	750	5	RWBL	RIVER				6/6/2011	A	43.964736	-117.460652		
1936	0	2	PRFA	SHRUB STEPPE				6/6/2011	VA	43.964046	-117.465640		X

ID	DIST	QUANT	SPECIES	HABITAT	AGE	GENDER	PHOTO	DATE	OBSTYPE	LAT	LONG	COMMENTS	SSS
1937	100	1	LAZB	SHRUB STEPPE				6/6/2011	A	43.964224	-117.466260		
1940	25	2	PRFA	SHRUB STEPPE				6/6/2011	V	43.964411	-117.468695		X
1941	100	2	LAZB	SHRUB				6/6/2011	A	43.962876	-117.472214		
1943	0	1	WESTERN RATTLESNAKE	SHRUB STEPPE				6/6/2011	V	43.962099	-117.470257		
1943	250	2	WEME	SHRUB				6/6/2011	A	43.962874	-117.472214		
1944	500	1	ROWR	SHRUB STEPPE				6/6/2011	A	43.962099	-117.470257		
1945	100	1	BUOR	SHRUB STEPPE				6/6/2011	A	43.962100	-117.470257		
1946	50	2	LAZB	SHRUB STEPPE				6/6/2011	A	43.962100	-117.470257		
1948	750	1	ROWR	SHRUB STEPPE				6/6/2011	A	43.960765	-117.470763		
1949	750	1	CANW	SHRUB STEPPE				6/6/2011	A	43.960765	-117.470763	CANYON WREN	
1950	500	2	WEME	SHRUB STEPPE				6/6/2011	A	43.960765	-117.470763		
1951	50	3	BUOR	SHRUB STEPPE				6/6/2011	A	43.959805	-117.471542		
1952	200	1	LAZB	SHRUB STEPPE				6/6/2011	A	43.959738	-117.471840		
1953	0	1	WESTERN RATTLESNAKE	SHRUB STEPPE			BABY PIC	6/6/2011	V	43.959576	-117.472547		
1954	200	2	WEME	SHRUB STEPPE				6/6/2011	A	43.959549	-117.473725		
1955	50	3	LAZB	SHRUB STEPPE				6/6/2011	A	43.959631	-117.474391		
1956	50	3	LASP	SHRUB STEPPE				6/6/2011	VA	43.959779	-117.474679		
74	0	1	ELK CALF	SHRUB				6/7/2011	V	44.401508	-117.335259		X
75	100	1	MULE DEER	SHRUB				6/7/2011	V	44.401509	-117.335259		
76	300	2	AWPE	SHRUB				6/7/2011	VA	44.401510	-117.335264		X
77	50	1	LASP	SHRUB				6/7/2011	A	44.401511	-117.335262		
78	100	3	LAZB	SHRUB				6/7/2011	A	44.401511	-117.335260		
79	250	1	OSFL	SHRUB				6/7/2011	V	44.401510	-117.335260		X
374	500	1	ELK	SHRUB				6/7/2011	V	44.400611	-117.335008		X
380	0	1	GRAP	GRASS				6/7/2011	V	44.401499	-117.335248		
382	150	1	LASP	GRASS				6/7/2011	V	44.405778	-117.334928		
383	500	1	MULE DEER	GRASS		M		6/7/2011	V	44.405773	-117.334925		
384	250	4	WEME	GRASS				6/7/2011	A	44.405769	-117.334932		
385	250	8	WEME	GRASS				6/7/2011	AV	44.411016	-117.335222		
386	100	3	RWBL	GRASS				6/7/2011	V	44.411023	-117.335226		
387	250	1	LASP	SHRUB				6/7/2011	A	44.411033	-117.335222		
388	50	10	BRBL	WETLAND				6/7/2011	AV	44.412032	-117.335305		
389	150	8	RWBL	WETLAND				6/7/2011	AV	44.413143	-117.335885		
390	150	1	LASP	SHRUB				6/7/2011	V	44.413149	-117.335878		
391	400	1	LAZB	SHRUB				6/7/2011	A	44.413144	-117.335883		
392	750	1	AMKE	GRASS				6/7/2011	V	44.414055	-117.335641		
393	250	1	SSHA	GRASS				6/7/2011	V	44.414071	-117.335632		
394	500	1	RTHA	GRASS				6/7/2011	V	44.414070	-117.335630		
395	400	4	WEME	GRASS				6/7/2011	A	44.415947	-117.335259		
397	250	1	BRSP	SHRUB				6/7/2011	A	44.417670	-117.336498		
417	300	6	HOLA	FALLOW WHEAT				6/7/2011	AV	45.555727	-119.148792		
417	200	0	SEOW	FALLOW WHEAT				6/7/2011		45.555727	-119.148792	THREE OWL PELLETS	
417	300	2	WEME	FALLOW WHEAT				6/7/2011	A	45.555727	-119.148792		
419	1000	1	RNEP	AG WHEAT				6/7/2011	A	45.515958	-118.787037		
419	0	1	WEKI	AG WHEAT				6/7/2011	AV	45.515958	-118.787037		
419	500	2	WEME	AG WHEAT				6/7/2011	AV	45.515958	-118.787037		
501	300	1	SAVS	GRASS				6/7/2011	A	45.537498	-118.972914		
501	300	1	WEME	GRASS				6/7/2011	A	45.537498	-118.972914		
502	150	1	GRSP	GRASS				6/7/2011	AV	45.536598	-118.972887		X
502	200	3	WEME	GRASS				6/7/2011	A	45.536598	-118.972887		
503	50	2	GRSP	GRASS				6/7/2011	AV	45.536038	-118.972656		X
504	0	3	HOLA	GRASS				6/7/2011	AV	45.535115	-118.970040		
504	600	7	MULE DEER	GRASS				6/7/2011	V	45.535115	-118.970040		
504	50	3	SAVS	GRASS				6/7/2011	AV	45.535115	-118.970040		
505	100	1	HOLA	GRASS				6/7/2011	AV	45.534063	-118.971429		
505	150	1	SAVS	GRASS				6/7/2011	V	45.534063	-118.971429		
505	100	2	WEME	GRASS				6/7/2011	AV	45.534063	-118.971429		
506	300	1	HOLA	GRASS				6/7/2011	A	45.534368	-118.969263		
507	100	1	HOLA	SHORT SHRUB				6/7/2011	AV	45.534049	-118.967519		
507	0	3	SAVS	SHORT SHRUB				6/7/2011	AV	45.534049	-118.967519		
507	0	1	SHORT-HORNED LIZARD	SHORT SHRUB				6/7/2011	V	45.534049	-118.967519		
508	0	1	SAVS	GRASS				6/7/2011	AV	45.534405	-118.965334		
508	0	2	WEME	GRASS				6/7/2011	AV	45.534405	-118.965334		
509	100	3	HOLA	GRASS				6/7/2011	AV	45.534554	-118.963562		
509	100	2	SAVS	GRASS				6/7/2011	AV	45.534554	-118.963562		
509	100	1	WEME	GRASS				6/7/2011	V	45.534554	-118.963562		
510	250	1	HOLA	GRASS				6/7/2011	A	45.534371	-118.962240		
511	50	1	GOPHER SNAKE	GRASS				6/7/2011	V	45.534443	-118.961109		
512	300	3	HOLA	GRASS				6/7/2011	A	45.534218	-118.956563		
512	0	3	SAVS	GRASS				6/7/2011	AV	45.534218	-118.956563		
512	250	3	WEME	GRASS				6/7/2011	A	45.534218	-118.956563		
513	0	1	SAVS	GRASS				6/7/2011	AV	45.534162	-118.955286		
513	50	2	SAVS	GRASS				6/7/2011	AV	45.534162	-118.955286		
514	0	3	HOLA	GRASS				6/7/2011	AV	45.534277	-118.953008		
515	150	5	HOLA	GRASS				6/7/2011	AV	45.532841	-118.952585		

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515	100	1	WEME	GRASS				6/7/2011	AV	45.532841	-118.952585		
516	125	6	HOLA	GRASS				6/7/2011	AV	45.531111	-118.951809		
517	150	3	GRSP	GRASS				6/7/2011	AV	45.531232	-118.951110		X
517	2000	1	RTHA	GRASS				6/7/2011	V	45.531232	-118.951110		
518	400	1	HOLA	GRASS				6/7/2011	A	45.531071	-118.948533		
518	0	1	SAVS	GRASS				6/7/2011	V	45.531071	-118.948533		
519	50	1	BBMA	RIPARIAN				6/7/2011	AV	45.531167	-118.946858		
519	100	1	HOLA	GRASS				6/7/2011	AV	45.531167	-118.946858		
519	150	2	MULE DEER	RIPARIAN				6/7/2011	AV	45.531167	-118.946858		
519	350	2	WEME	RIPARIAN				6/7/2011	A	45.531167	-118.946858		
520	100	1	PRFA	GRASS				6/7/2011	V	45.530382	-118.946552		X
520	100	1	SWHA	GRASS				6/7/2011	AV	45.530382	-118.946552		X
520	50	1	SWHA-NEST	RIPARIAN		F		6/7/2011	AV	45.530382	-118.946552	ACTIVE NEST WTH 3 EGGS	X
520	0	1	BBMA	RIPARIAN	ADULT			6/7/2011	AV	45.530382	-118.946552		
520	50	2	BBMA	RIPARIAN	JUV			6/7/2011	AV	45.530382	-118.946552		
521	0	3	BUOR	RIPARIAN				6/7/2011	AV	45.531138	-118.946198		
521	0	1	EAKI	RIPARIAN				6/7/2011	V	45.531138	-118.946198		
521	150	3	GHOW	RIPARIAN	2 ADULTS, 1 JUV (~5-8 WEEKS OLD)			6/7/2011	AV	45.531138	-118.946198	ACTIVE NEST VERY NEAR IN TREES	
521	900	1	TUVU	GRASS				6/7/2011	V	45.531138	-118.946198		
521	100	2	WEKI	RIPARIAN				6/7/2011	AV	45.531138	-118.946198		
521	50	1	WETA	RIPARIAN		F		6/7/2011	V	45.531138	-118.946198		
522	100	1	HOLA	GRASS				6/7/2011	AV	45.530587	-118.943597		
522	100	1	MODO	GRASS				6/7/2011	V	45.530587	-118.943597		
522	250	2	WEME	GRASS				6/7/2011	A	45.530587	-118.943597		
523	0	3	SAVS	GRASS				6/7/2011	AV	45.530695	-118.940282		
524	75	4	HOLA	GRASS				6/7/2011	AV	45.530808	-118.936060		
525	100	2	HOLA	GRASS				6/7/2011	AV	45.530953	-118.934270		
525	75	1	VOLE	GRASS				6/7/2011	V	45.530953	-118.934270	CARCASS ON TWO TRACK	
526	50	2	GRSP	GRASS				6/7/2011	AV	45.530899	-118.933290		X
526	250	6	HOLA	FALLOW WHEAT				6/7/2011	AV	45.530899	-118.933290		
526	150	1	WEME	GRASS				6/7/2011	A	45.530899	-118.933290		
527	0	1	GRSP	GRASS				6/7/2011	AV	45.530700	-118.927324		X
527	300	1	WEME	GRASS				6/7/2011	A	45.530700	-118.927324		
528	250	1	HOLA	AG WHEAT				6/7/2011	A	45.530679	-118.924330		
529	150	1	GRSP	GRASS				6/7/2011	A	45.530739	-118.921393		X
529	250	2	HOLA	AG WHEAT				6/7/2011	A	45.530739	-118.921393		
529	0	1	NOHA	GRASS		F		6/7/2011	V	45.530739	-118.921393		
529	250	1	SAVS	AG WHEAT				6/7/2011	AV	45.530739	-118.921393		
529	300	1	SAVS	GRASS				6/7/2011	AV	45.530739	-118.921393		
529	200	1	WEME	GRASS				6/7/2011	A	45.530739	-118.921393		
530	200	2	HOLA	AG WHEAT				6/7/2011	AV	45.530862	-118.916386		
530	250	1	SAVS	AG WHEAT				6/7/2011	AV	45.530862	-118.916386		
530	350	2	WEME	GRASS				6/7/2011	A	45.530862	-118.916386		
531	100	3	HOLA	GRASS				6/7/2011	A	45.530022	-118.912600		
531	100	1	SAVS	AG				6/7/2011	AV	45.530022	-118.912600		
531	50	1	VESP	GRASS				6/7/2011	A	45.530022	-118.912600		
531	200	1	WEME	GRASS				6/7/2011	A	45.530022	-118.912600		
532	100	2	HOLA	GRASS				6/7/2011	AV	45.529467	-118.910229		
533	0	1	HOLA	FALLOW WHEAT				6/7/2011	AV	45.529390	-118.909346		
533	250	2	WEME	GRASS				6/7/2011	AV	45.529390	-118.909346		
534	200	1	WEME	GRASS				6/7/2011	AV	45.529369	-118.906573		
535	250	1	GRSP	GRASS				6/7/2011	A	45.529376	-118.904017		X
535	0	1	HOLA	FALLOW WHEAT				6/7/2011	AV	45.529376	-118.904017		
535	350	1	WEME	GRASS				6/7/2011	A	45.529376	-118.904017		
536	250	1	WEME	GRASS				6/7/2011	AV	45.529339	-118.902377		
537	50	2	HOLA	GRASS				6/7/2011	AV	45.529316	-118.899456		
538	100	1	DEER	GRASS				6/7/2011	V	45.529080	-118.898514	DEER ANTLER SHED	
538	0	1	HOLA	FALLOW WHEAT				6/7/2011	V	45.529080	-118.898514		
538	300	1	WEME	GRASS				6/7/2011	A	45.529080	-118.898514		
539	150	1	HOLA	FALLOW WHEAT				6/7/2011	V	45.529203	-118.891759		
539	300	1	WEME	FALLOW WHEAT				6/7/2011	A	45.529203	-118.891759		
540	250	1	WEME	GRASS				6/7/2011	A	45.529143	-118.889091		
541	200	1	MOUNTAIN COTTONTAIL	GRASS				6/7/2011	V	45.529875	-118.887092		
542	300	1	WEME	GRASS				6/7/2011	A	45.529200	-118.884941		
545	200	2	MODO	AG WHEAT				6/7/2011	V	45.529929	-118.885528		
570	150	2	GRSP	GRASS				6/7/2011	A	44.399061	-117.334460		X
571	500	5	WEME	GRASS				6/7/2011	A	44.399061	-117.334461		
600	50	4	MODO	SHRUB				6/7/2011	V	44.373010	-117.309201		
601	0	2	CORA	SHRUB				6/7/2011	V	44.373002	-117.309197		
602	0	1	YWAR	RIPARIAN				6/7/2011	A	44.373002	-117.309197		
603	100	4	LAZB	RIPARIAN				6/7/2011	AV	44.373001	-117.309199		
604	200	1	AWPE	RIPARIAN				6/7/2011	AV	44.373002	-117.309199		X
606	50	6	CEDW	RIPARIAN				6/7/2011	AV	44.373003	-117.309197		
607	250	1	FLYCATCHER	RIPARIAN				6/7/2011	V	44.373008	-117.309205	LIKELY CORDILLARIAN	

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608	250	5	WEME	SHRUB				6/7/2011	A	44.373008	-117.309201		
609	250	1	YBCH	RIPARIAN				6/7/2011	V	44.373001	-117.309211		X
610	200	8	HOLA	GRASS				6/7/2011	A	45.555349	-119.148692		
610	250	1	MULE DEER	SHRUB		F		6/7/2011	V	44.373095	-117.309312		
610	250	2	WEME	GRASS				6/7/2011	VA	45.555356	-119.148700		
611	50	1	GRSP	SHRUB GRASS				6/7/2011	A	44.375270	-117.310852		X
612	400	3	WEME	SHRUB				6/7/2011	A	44.376184	-117.311958		
613	750	1	CHUK	SHRUB				6/7/2011	A	44.377817	-117.314151		
614	50	3	GRSP	SHRUB GRASS				6/7/2011	A	44.377805	-117.314138		X
619	250	5	LAZB	GRASS				6/7/2011	A	44.380397	-117.317465		
620	150	2	VESP	GRASS				6/7/2011	AV	44.380397	-117.317469		
623	150	2	LAZB	RIPARIAN				6/7/2011	AV	44.381690	-117.317118		
624	0	1	ELK	GRASS		F		6/7/2011	V	44.381547	-117.317284		X
625	250	1	WIWA	RIPARIAN				6/7/2011	V	44.381532	-117.317290		
626	250	1	BRSP	SHRUB				6/7/2011	V	44.381532	-117.317288		
626	0	2	BHCO	GRASS				6/7/2011	V	44.381578	-117.317328		
627	500	4	WEME	SHRUB				6/7/2011	A	44.382471	-117.318007		
627	50	1	WEKI	GRASS				6/7/2011	A	44.385116	-117.321777		
630	250	1	RTHA	GRASS				6/7/2011	V	44.383014	-117.318956		
631	500	1	VESP	GRASS				6/7/2011	A	44.383456	-117.320517		
632	400	1	ROWR	ROCKS				6/7/2011	VA	44.383453	-117.320513		
632	200	2	MODO	GRASS				6/7/2011	V	44.385116	-117.321775		
633	300	2	LAZB	RIPARIAN				6/7/2011	A	44.383454	-117.320516		
634	500	2	LASP	GRASS				6/7/2011	V	44.386675	-117.322974		
635	100	1	MODO	GRASS				6/7/2011	A	44.386673	-117.322976		
636	500	4	WEME	GRASS				6/7/2011	A	44.386673	-117.322977		
637	150	1	CHUK	GRASS				6/7/2011	V	44.386674	-117.322978		
637	0	1	MODO	GRASS				6/7/2011	V	44.388315	-117.326481		
638	0	2	GRSP	GRASS				6/7/2011	V	44.387576	-117.324515		X
639	750	1	CHUK	GRASS				6/7/2011	A	44.388314	-117.326477		
640	100	1	RTHA	GRASS				6/7/2011	V	44.388314	-117.326476		
642	250	3	MULE DEER	GRASS				6/7/2011	V	44.390924	-117.328577		
643	250	1	GRSP	SHRUB				6/7/2011	A	44.389543	-117.326553		X
644	250	5	WEME	SHRUB				6/7/2011	A	44.389906	-117.327041		
644	300	3	HOLA	GRASS				6/7/2011	VA	44.390924	-117.328577		
645	150	2	LAZB	RIPARIAN				6/7/2011		44.392355	-117.329142		
646	0	1	BUOR	RIPARIAN				6/7/2011	V	44.392355	-117.329143		
647	100	8	WEME	GRASS				6/7/2011	VA	44.392356	-117.329143		
648	100	1	MODO	GRASS				6/7/2011	V	44.392355	-117.329196		
649	50	1	LASP	RIPARIAN				6/7/2011	A	44.392357	-117.329186		
650	250	1	HOLA	GRASS				6/7/2011	AV	44.394063	-117.331491		
651	150	2	GRSP	GRASS				6/7/2011	A	44.394062	-117.331490		X
652	400	1	BBMA	GRASS				6/7/2011	V	44.395122	-117.333497		
654	750	2	MULE DEER	GRASS				6/7/2011	V	44.395122	-117.333498		
655	250	2	HOLA	GRASS				6/7/2011	V	44.395122	-117.333498		
656	400	4	WEME					6/7/2011		44.395123	-117.333497		
658	250	1	GRSP	GRASS				6/7/2011	A	44.396812	-117.334284		X
659	500	1	AMKE	GRASS				6/7/2011	V	44.397087	-117.334242		
659	150	1	LASP	GRASS				6/7/2011	V	44.399061	-117.334455		
672	750	1	CHUK	GRASS				6/7/2011	A	44.399061	-117.334461		
696	0	1	VESP	SHRUB				6/7/2011	V	44.417669	-117.336499		
699	250	2	LASP	SHRUB				6/7/2011	A	44.417673	-117.336499		
699	500	1	NOHA	GRASS				6/7/2011	A	44.419865	-117.336047		
1900	50	1	VESP	GRASS				6/7/2011	A	45.531505	-118.944918		
1901	25	3	WEME	GRASS				6/7/2011	VA	45.532801	-118.944492		
1902	100	2	HOLA	GRASS				6/7/2011	A	45.532863	-118.948691		
1903	200	2	WEME	GRASS				6/7/2011	VA	45.531875	-118.950308		
1904	100	1	VESP	GRASS				6/7/2011	A	45.532407	-118.949473		
1904	100	1	WEKI	GRASS				6/7/2011	VA	45.532810	-118.948754		
1905	50	1	VESP	GRASS				6/7/2011	A	45.533967	-118.947987		
1906	200	2	WEME	GRASS				6/7/2011	V	45.533964	-118.948397		
1907	750	1	CORA	GRASS				6/7/2011	V	45.534296	-118.949475		
1909	100	1	HOLA	GRASS				6/7/2011	A	45.534407	-118.951151		
1910	250	1	WEME	AG				6/7/2011	A	45.530605	-118.881117		
1911	1000	1	NOHA	GRASS				6/7/2011	V	45.529907	-118.880640		
4	100	2	HOLA	GRASS				6/8/2011	A	45.523102	-118.803327		
5	20	1	AMRO	GRASS				6/8/2011	V	45.522352	-118.795683		
330	250	2	WEME	SHRUB				6/8/2011	A	44.488081	-117.355857		
601	0	1	BARS	GRASS				6/8/2011	V	45.529106	-118.881070		
601	0	1	NOHA	GRASS		F		6/8/2011	V	45.529106	-118.881070		
601	0	2	SEOW	GRASS				6/8/2011	AV	45.529106	-118.881070		
601	350	1	WEME	GRASS				6/8/2011	AV	45.529106	-118.881070		
602	1500	1	LBCU	GRASS				6/8/2011	AV	45.528465	-118.881095		X
602	0	0	NEST	GRASS				6/8/2011	V	45.528465	-118.881095	GROUND DIVOT NEST WITH 6 WHITE EGG SHELLS	
602	75	1	SAVS	GRASS				6/8/2011	AV	45.528465	-118.881095		

ID	DIST	QUANT	SPECIES	HABITAT	AGE	GENDER	PHOTO	DATE	OBSTYPE	LAT	LONG	COMMENTS	SSS
603	0	4	CLSW	GRASS				6/8/2011	V	45.523864	-118.880864		
603	0	1	VESP	GRASS				6/8/2011	AV	45.523864	-118.880864		
605	500	2	HOLA	GRASS				6/8/2011	A	45.521621	-118.881344		
605	400	1	VESP	GRASS				6/8/2011	A	45.521621	-118.881344		
605	300	4	WEME	GRASS				6/8/2011	AV	45.521621	-118.881344		
606	50	1	SEOW	GRASS				6/8/2011	V	45.523359	-118.878807		
606	100	1	WEME	GRASS				6/8/2011	A	45.523359	-118.878807		
607	100	8	CORA	GRASS				6/8/2011	V	45.522643	-118.875071		
607	100	1	DEER	GRASS				6/8/2011	v	45.522643	-118.875071	FRESH DEER KILL WITH LOTS OF COYOTE SCAT AND RAVEN FEATHERS, CREW FLUSHED RAVENS OFF KILL	
608	200	1	GRSP	GRASS				6/8/2011	A	45.523223	-118.872913		X
608	200	2	WEME	GRASS				6/8/2011	A	45.523223	-118.872913		
609	0	2	CLSW	GRASS				6/8/2011	V	45.523307	-118.871603		
609	400	1	CORA	GRASS				6/8/2011	V	45.523307	-118.871603		
610	150	1	GRSP	GRASS				6/8/2011	AV	45.523011	-118.868375		X
610	75	4	LBCU	GRASS				6/8/2011	AV	45.523011	-118.868375		X
610	200	1	BLACK-TAILED JACKRABBIT	GRASS				6/8/2011	V	45.523011	-118.868375		
610	0	2	CLSW	GRASS				6/8/2011	V	45.523011	-118.868375		
610	200	1	HOLA	GRASS				6/8/2011	A	45.523011	-118.868375		
610	200	2	WEME	GRASS				6/8/2011	AV	45.523011	-118.868375		
610	300	2	WHITE-TAILED DEER	GRASS				6/8/2011	V	45.523011	-118.868375		
611	50	1	HOLA	GRASS				6/8/2011	A	45.523313	-118.864449		
611	0	2	SAVS	GRASS				6/8/2011	AV	45.523313	-118.864449		
611	200	3	WEME	GRASS				6/8/2011	AV	45.523313	-118.864449		
612	300	2	WEME	GRASS				6/8/2011	A	45.523278	-118.859145		
613	0	1	CLSW	GRASS				6/8/2011	AV	45.523291	-118.855867		
613	200	1	HOLA	GRASS				6/8/2011	AV	45.523291	-118.855867		
613	250	2	WEME	GRASS				6/8/2011	AV	45.523291	-118.855867		
614	300	2	GRSP	GRASS				6/8/2011	AV	45.523246	-118.850861		X
614	0	1	AMRO	GRASS				6/8/2011	V	45.523246	-118.850861		
614	100	2	CLSW	GRASS				6/8/2011	V	45.523246	-118.850861		
614	700	2	RNEP	GRASS				6/8/2011	A	45.523246	-118.850861		
615	100	1	WEME	GRASS				6/8/2011	A	45.522765	-118.848732		
616	0	1	CLSW	WHEAT				6/8/2011	V	45.522423	-118.843278		
619	0	1	CLSW	WHEAT				6/8/2011	V	45.522374	-118.835999		
619	2000	1	RNEP	WHEAT				6/8/2011	A	45.522374	-118.835999		
619	150	1	WEME	WHEAT				6/8/2011	A	45.522374	-118.835999		
620	0	1	HOLA	WHEAT				6/8/2011	A	45.522372	-118.834300		
620	0	1	MODO	WHEAT				6/8/2011	V	45.522372	-118.834300		
620	0	1	SAVS	WHEAT				6/8/2011	AV	45.522372	-118.834300		
620	250	1	WEME	WHEAT				6/8/2011	A	45.522372	-118.834300		
621	0	2	CLSW	WHEAT				6/8/2011	AV	45.522359	-118.827928		
621	100	1	WEME	WHEAT				6/8/2011	AV	45.522359	-118.827928		
623	200	6	CLSW	WHEAT				6/8/2011	V	45.522370	-118.823696		
624	0	9	CLSW	WHEAT				6/8/2011	V	45.522347	-118.822150		
624	0	1	SAVS	WHEAT				6/8/2011	A	45.522347	-118.822150		
626	150	1	CLSW	WHEAT				6/8/2011	V	45.522386	-118.819047		
626	100	1	DEER	WHEAT	JUV			6/8/2011	V	45.522386	-118.819047	RECENT KILL - DEER LEG	
627	100	1	LONG-TAILED WEASEL	WHEAT				6/8/2011	V	45.522380	-118.817505	REMNANTS OF LONG TAILED WEASEL	
628	100	1	LONG-TAILED WEASEL	WHEAT				6/8/2011	V	45.522405	-118.816148	DEAD LONG TAILED WEASEL	
629	0	2	CLSW	WHEAT				6/8/2011	AV	45.522422	-118.806162		
629	0	1	WEME	WHEAT				6/8/2011	A	45.522422	-118.806162		
630	100	1	CLSW	WHEAT				6/8/2011	A	45.522426	-118.804901		
630	150	1	RNEP	WHEAT				6/8/2011	A	45.522426	-118.804901		
631	100	2	BANS	RIPARIAN				6/8/2011	V	45.522000	-118.802711		
631	100	5	CLSW	RIPARIAN				6/8/2011	V	45.522000	-118.802711		
631	800	1	RNEP	RIPARIAN				6/8/2011	A	45.522000	-118.802711		
632	0	1	AMRO	RIPARIAN				6/8/2011	A	45.522333	-118.802239		
632	0	1	MYOTIS BAT SPECIES	GRASS				6/8/2011	V	45.522333	-118.802239	DEAD ON FENCE POST	
632	150	1	SOSP	RIPARIAN				6/8/2011	A	45.522333	-118.802239		
633	0	5	AMKE	RIPARIAN				6/8/2011	AV	45.521717	-118.801624	LIKELY ADULTS AND FLEDGED YOUNG	
633	50	6	AMRO	AG				6/8/2011	AV	45.521717	-118.801624		
633	0	1	BBMA	AG/RIPARIAN				6/8/2011	AV	45.521717	-118.801624		
633	250	20	CAQU	AG				6/8/2011	V	45.521717	-118.801624		
633	0	7	CLSW	AG				6/8/2011	AV	45.521717	-118.801624		
633	200	1	EUST	RIPARIAN				6/8/2011	V	45.521717	-118.801624		
633	0	20	MODO	AG				6/8/2011	AV	45.521717	-118.801624		
633	250	1	RNEP	AG				6/8/2011	AV	45.521717	-118.801624		
633	0	50	ROPI	AG				6/8/2011	AV	45.521717	-118.801624		
633	300	6	RWBL	RIPARIAN				6/8/2011	AV	45.521717	-118.801624		
633	50	1	SOSP	RIPARIAN				6/8/2011	V	45.521717	-118.801624		
633	100	1	WEME	AG				6/8/2011	AV	45.521717	-118.801624		
634	200	5	RTHA	RIPARIAN	2 ADULTS, 3 NESTLINGS (4-5 WKS OLD)			6/8/2011	AV	45.521346	-118.801752	ACTIVE NEST	
635	400	50	BANS	RIPARIAN				6/8/2011	AV	45.523925	-118.800691	COLONY NEST ALONG ERODING CREEKBANK WALL	

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699	0	1	AMRO	SHRUB				6/8/2011	V	44.527806	-117.363592		
700	50	1	MODO	RIPARIAN				6/8/2011	V	44.472735	-117.341895		
700	50	2	MODO	SHRUB				6/8/2011	VA	44.527787	-117.363616		
701	200	1	WETA	RIPARIAN				6/8/2011	V	44.473211	-117.342616		
701	100	1	WEME	SHRUB				6/8/2011	VA	44.527788	-117.363618		
703	200	1	YWAR	RIPARIAN				6/8/2011	VA	44.473146	-117.342629		
704	200	1	AWPE	RIPARIAN				6/8/2011	V	44.473153	-117.342632		X
704	50	1	BUOR	SHRUB				6/8/2011	V	44.476412	-117.344880		
705	0	2	BHCO	RIPARIAN				6/8/2011	AV	44.473683	-117.343271		
705	500	2	CORA	RIPARIAN				6/8/2011	V	44.476410	-117.344886		
706	500	2	BUOR	RIPARIAN				6/8/2011	A	44.476513	-117.345371		
707	250	1	CLSW	RIPARIAN				6/8/2011	V	44.476566	-117.345308		
708	250	1	BARS	RIPARIAN				6/8/2011	V	44.476567	-117.345314		
709	0	1	EAKI	SHRUB				6/8/2011	V	44.476567	-117.345313		
711	500	1	YWAR	RIPARIAN				6/8/2011	A	44.476647	-117.345184		
712	0	2	LAZB	RIPARIAN				6/8/2011	AV	44.477553	-117.345332		
713	200	1	WEKI	SHRUB				6/8/2011	V	44.477583	-117.345334		
714	200	1	BRBL	SHRUB				6/8/2011	V	44.478511	-117.345615		
715	0	3	BARS	RIPARIAN				6/8/2011	V	44.479024	-117.345570		
716	300	1	COHA	RIPARIAN				6/8/2011	V	44.479142	-117.346425		
716	50	1	WIWA	RIPARIAN				6/8/2011	VA	44.483382	-117.348842		
717	0	1	WEKI	RIPARIAN				6/8/2011	V	44.479144	-117.346423		
717	0	1	BUOR	RIPARIAN				6/8/2011	V	44.483386	-117.348837		
718	500	1	YWAR	RIPARIAN				6/8/2011	A	44.479139	-117.346421		
718	0	1	SAPH	GRASS				6/8/2011	VA	44.479470	-117.346575		
718	200	1	YWAR	RIPARIAN				6/8/2011	A	44.483385	-117.348836		
718	200	2	RWBL	RIPARIAN				6/8/2011	A	44.483391	-117.348831		
719	250	1	LAZB	RIPARIAN				6/8/2011	A	44.483389	-117.348835		
720	200	1	CHUK	RIPARIAN				6/8/2011	V	44.483915	-117.349425		
721	50	2	RWBL	RIPARIAN				6/8/2011	VA	44.483848	-117.348887		
722	0	3	CLSW	RIPARIAN				6/8/2011	V	44.483806	-117.348584		
723	50	1	SAPH	RIPARIAN				6/8/2011	V	44.483804	-117.348580		
724	0	1	COTTONTAIL RABBIT	SHRUB				6/8/2011	V	44.485029	-117.351797		
725	0	1	LAZB	SHRUB				6/8/2011	AV	44.485390	-117.352080		
726	0	2	LASP	SHRUB				6/8/2011	V	44.487107	-117.354486		
727	300	1	LAZB	SHRUB				6/8/2011	A	44.487113	-117.354482		
728	0	1	RACER	SHRUB				6/8/2011	V	44.487436	-117.354942		
729	50	1	MODO	SHRUB				6/8/2011	V	44.488060	-117.355801		
731	0	1	CHUK	SHRUB				6/8/2011	VA	44.489923	-117.357775		
733	50	1	MULE DEER	SHRUB				6/8/2011	V	44.489808	-117.357902		
734	0	2	LAZB	SHRUB				6/8/2011	A	44.489794	-117.357916		
735	200	2	CHUK	SHRUB				6/8/2011	A	44.489793	-117.357914		
736	0	1	AMKE	SHRUB				6/8/2011	V	44.489797	-117.357921		
737	250	1	BUOR	RIPARIAN				6/8/2011	V	44.489795	-117.357917		
739	0	1	SEOW	SHRUB				6/8/2011	V	44.489796	-117.357921		
740	250	3	AMGO	RIPARIAN				6/8/2011	V	44.489791	-117.357923		
741	0	1	CORA	SHRUB				6/8/2011	V	44.489790	-117.357920		
742	250	1	WEKI	RIPARIAN				6/8/2011	V	44.489841	-117.357906		
743	250	1	EAKI	RIPARIAN				6/8/2011	V	44.489840	-117.357908		
749	250	2	WEME	SHRUB				6/8/2011	A	44.492510	-117.359703		
750	250	1	LAZB	SHRUB				6/8/2011	A	44.492756	-117.359889		
752	150	5	CHUK	SHRUB				6/8/2011	V	44.493797	-117.361069		
760	0	1	WEKI	SHRUB				6/8/2011	V	44.495349	-117.362476		
761	250	1	WEME					6/8/2011		44.495351	-117.362473		
762	100	2	LASP	SHRUB				6/8/2011	AV	44.495349	-117.362463		
763	300	1	MODO	SHRUB				6/8/2011	V	44.495350	-117.362471		
763	300	1	WEKI	SHRUB				6/8/2011	V	44.495351	-117.362470		
764	400	1	CHSP	SHRUB				6/8/2011	A	44.496036	-117.362038		
766	0	2	MULE DEER	SHRUB				6/8/2011	V	44.496034	-117.362037		
768	150	2	MODO	SHRUB				6/8/2011	V	44.497123	-117.363109		
769	200	2	LAZB	SHRUB				6/8/2011	V	44.497606	-117.363541		
770	250	1	WEME	SHRUB				6/8/2011	A	44.496733	-117.362713		
770	750	4	MULE DEER	SHRUB				6/8/2011	V	44.497607	-117.363535		
772	200	1	AMGO	SHRUB				6/8/2011	A	44.501983	-117.363926		
773	0	1	LAZB	RIPARIAN				6/8/2011	A	44.501983	-117.363920		
774	0	1	YWAR	RIPARIAN				6/8/2011	V	44.501986	-117.363915		
775	0	2	YWAR	RIPARIAN				6/8/2011	V	44.501948	-117.363965		
777	0	1	GOEA	SHRUB				6/8/2011	V	44.505741	-117.366910		
778	0	1	CORA	SHRUB				6/8/2011	V	44.505764	-117.366909		
780	100	1	COMMON GARTER SNAKE	ROCKS				6/8/2011	V	44.506794	-117.367638		X
781	250	1	LAZB	RIPARIAN				6/8/2011	VA	44.507720	-117.368166		
782	250	1	WEKI	RIPARIAN				6/8/2011	AV	44.507717	-117.368171		
782	500	2	ELK	SHRUB				6/8/2011	V	44.508654	-117.368709		X
783	150	1	GOPHER SNAKE	SHRUB				6/8/2011	V	44.508639	-117.368707		
784	300	2	WEME	SHRUB				6/8/2011	A	44.511236	-117.367669		

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785	0	1	CHSP	SHRUB				6/8/2011	AV	44.511223	-117.367664		
786	200	2	LAZB	SHRUB				6/8/2011	V	44.512347	-117.367590		
786	250	3	WEME	SHRUB				6/8/2011	A	44.514210	-117.366328		
786	250	2	LAZB	SHRUB				6/8/2011	A	44.517543	-117.365132		
787	250	1	ELK	SHRUB				6/8/2011	V	44.517541	-117.365128		X
788	250	3	WEME	SHRUB				6/8/2011	A	44.517540	-117.365124		
789	250	1	SPTO	SHRUB				6/8/2011	V	44.519149	-117.365446		
790	400	2	WEME	SHRUB				6/8/2011	V	44.520760	-117.364465		
791	1500	3	MULE DEER	SHRUB				6/8/2011	V	44.520755	-117.364468		
792	0	1	AMKE	SHRUB				6/8/2011	V	44.520756	-117.364469		
793	0	1	RTHA	SHRUB				6/8/2011	V	44.520757	-117.364470		
794	400	2	AMRO	SHRUB				6/8/2011	A	44.523047	-117.364084		
795	50	1	ROWR	ROCKS				6/8/2011	AV	44.523040	-117.364084		
796	50	0	GHOW	SHRUB				6/8/2011	FEATHER	44.523950	-117.363643		
797	250	1	SPTO	SHRUB				6/8/2011	A	44.525307	-117.362832		
798	0	3	BGGN	SHRUB				6/8/2011	AV	44.526548	-117.362948		
799	150	1	BBMA	SHRUB				6/8/2011	A	44.528123	-117.363845		
799	250	3	WEME	SHRUB				6/8/2011	A	44.528127	-117.363847		
2100	300	2	LBCU	GRASS				6/8/2011	VA	45.676419	-119.214827		X
2101	0	3	CLSW	GRASS				6/8/2011	VA	45.676426	-119.214809		
2102	0	1	BARS	GRASS				6/8/2011	V	45.676421	-119.214761		
2103	0	4	HOLA	GRASS				6/8/2011	VA	45.676421	-119.214760		
2104	100	1	WEME	GRASS				6/8/2011	A	45.676422	-119.214760		
2105	0	3	LBCU	GRASS				6/8/2011	VA	45.676487	-119.214595		X
2106	0	2	GRSP	GRASS				6/8/2011	A	45.676495	-119.214445		X
2107	0	1	VESP	GRASS				6/8/2011	V	45.676513	-119.214522		
2109	0	4	HOLA	GRASS				6/8/2011	VA	45.674743	-119.214854		
2110	0	1	WEKI	GRASS				6/8/2011	V	45.674782	-119.212155		
2111	0	3	LBCU	GRASS				6/8/2011	VA	45.674782	-119.212156		X
2112	50	2	WEME	GRASS				6/8/2011	A	45.674781	-119.212156		
2113	0	25	EUST	GRASS				6/8/2011	V	45.674781	-119.212157		
2114	50	4	HOLA	GRASS				6/8/2011	VA	45.674781	-119.212157		
2115	0	13	CLSW	GRASS				6/8/2011	V	45.674782	-119.212160		
2116	0	1	GRSP	GRASS				6/8/2011	A	45.674782	-119.212160		X
2117	50	4	HOLA	GRASS				6/8/2011	VA	45.660599	-119.207435		
2118	250	1	LBCU	GRASS				6/8/2011	VA	45.660590	-119.207430		X
2119	100	2	WEME	GRASS				6/8/2011	A	45.660624	-119.205549		
2140	0	4	HOLA	AG				6/8/2011	VA	45.581295	-119.184941		
2141	50	2	WEME	AG				6/8/2011	VA	45.581295	-119.184941		
2142	50	3	HOLA	AG				6/8/2011	V	45.578097	-119.185019		
2143	50	1	GRSP	AG				6/8/2011	A	45.578095	-119.185019		X
2144	100	4	HOLA	GRASS				6/8/2011	A	45.588550	-119.177557		
2145	50	2	WEME	GRASS				6/8/2011	VA	45.588554	-119.177560		
2147	50	1	WEME	GRASS				6/8/2011	A	45.586467	-119.179467		
2220	100	2	GRSP	GRASS				6/8/2011	A	45.660591	-119.205509		X
2221	0	1	CLSW	SHRUB				6/8/2011	V	45.659775	-119.204952		
2222	50	4	HOLA	SHRUB				6/8/2011	A	45.659763	-119.204946		
2223	50	3	GRSP	SHRUB				6/8/2011	A	45.659762	-119.204946		X
2224	100	2	WEME	SHRUB				6/8/2011	AV	45.657399	-119.203945		
2225	50	2	GRSP	SHRUB				6/8/2011	A	45.657396	-119.203939		X
2226	50	5	HOLA	SHRUB				6/8/2011	VA	45.657396	-119.203940		
2227	0	12	CLSW	SHRUB				6/8/2011	V	45.656547	-119.203834		
2228	500	1	LASP	SHRUB				6/8/2011	A	45.656547	-119.203835		
2230	0	3	GRSP	SHRUB				6/8/2011	A	45.654519	-119.203710		X
2231	100	5	HOLA	SHRUB				6/8/2011	VA	45.654518	-119.203707		
2232	250	3	WEME	SHRUB				6/8/2011	A	45.654517	-119.203707		
2233	250	2	WEME	SHRUB				6/8/2011	A	45.634740	-119.193461		
2234	50	4	WEME	SHRUB				6/8/2011	VA	45.636873	-119.193231		
2250	0	3	HOLA	GRASS				6/8/2011	VA	45.528374	-119.106930		
2251	500	1	WEME	GRASS				6/8/2011	A	45.529471	-119.110465		
2252	50	4	HOLA	GRASS				6/8/2011	VA	45.529471	-119.110464		
2253	0	2	BUOW	GRASS				6/8/2011	V	45.529557	-119.110866	DEN FOUND ALONG ROAD. ACTIVE WITH PELLETS AND EGG FRAGMENTS	X
2254	50	6	HOLA	GRASS				6/8/2011	VA	45.530186	-119.113065		
2255	100	2	WEME	GRASS				6/8/2011	VA	45.530185	-119.113079		
2256	100	2	LBCU	GRASS				6/8/2011	V	45.531756	-119.116990		X
2257	100	1	NOHA	GRASS				6/8/2011	V	45.531756	-119.116992		
2258	0	1	KILL	GRASS				6/8/2011	VA	45.531755	-119.116993		
2259	50	5	HOLA	GRASS				6/8/2011	VA	45.531755	-119.116993		
2260	50	1	GRSP	GRASS				6/8/2011	A	45.533934	-119.122315		X
2261	50	2	LASP	GRASS				6/8/2011	V	45.533934	-119.122316		
2262	200	2	WEME	GRASS				6/8/2011	A	45.533934	-119.122315		
2263	50	1	GRSP	GRASS				6/8/2011	A	45.533934	-119.122315		X
2264	50	4	HOLA	GRASS				6/8/2011	VA	45.533933	-119.122315		
2265	100	1	SAVS	GRASS				6/8/2011	A	45.533933	-119.122315		
2266	0	3	BRBL	GRASS				6/8/2011	V	45.534187	-119.123023		

ID	DIST	QUANT	SPECIES	HABITAT	AGE	GENDER	PHOTO	DATE	OBSTYPE	LAT	LONG	COMMENTS	SSS
2267	500	1	NOHA	GRASS				6/8/2011	V	45.536125	-119.125304		
2269	0	5	BRBL	GRASS				6/8/2011	V	45.537474	-119.126044		
2270	100	1	MULE DEER	GRASS				6/8/2011	V	45.538391	-119.126410		
2271	50	4	MODO	GRASS				6/8/2011	V	45.542087	-119.128778		
2272	50	1	RWBL	GRASS				6/8/2011	V	45.542392	-119.129404		
318	300	1	GRSP	GRASS				6/9/2011	A	43.821098	-117.257375		X
319	300	5	WEME	GRASS				6/9/2011	AV	43.821098	-117.257375		
320	250	6	HOLA	GRASS				6/9/2011	AV	43.821098	-117.257375		
800	250	4	HOLA	GRASS				6/9/2011	AV	43.797969	-117.243489		
801	250	3	WEME	GRASS				6/9/2011	VA	43.802118	-117.246384		
802	150	1	GRSP	GRASS				6/9/2011	A	43.802119	-117.246387		X
802	250	5	HOLA	GRASS				6/9/2011	AV	43.802119	-117.246387		
803	250	1	LASP	GRASS				6/9/2011	V	43.802345	-117.246510		
804	0	1	RNEP	RIPARIAN				6/9/2011	A	43.806975	-117.249970		
805	50	1	WIWA	GRASS				6/9/2011	A	43.806962	-117.249975		
806	100	10	RWBL	RIPARIAN				6/9/2011	AV	43.806961	-117.249973		
806	100	1	BHCO	RIPARIAN				6/9/2011	A	43.806962	-117.249976		
807	150	1	WEKI	RIPARIAN				6/9/2011	V	43.806961	-117.249980		
808	0	2	MALL	RIPARIAN				6/9/2011	V	43.807660	-117.249948		
809	200	1	GRSP	GRASS				6/9/2011	A	43.809931	-117.250324		X
810	250	2	GRSP	GRASS				6/9/2011	A	43.810986	-117.250692		X
811	200	8	HOLA	GRASS				6/9/2011	AV	43.810989	-117.250687		
812	500	4	WEME					6/9/2011		43.810989	-117.250685		
813	200	1	GRSP	GRASS				6/9/2011	A	43.813639	-117.252486		X
814	50	1	GRSP	GRASS				6/9/2011	A	43.815469	-117.253613		X
815	150	10	HOLA	GRASS				6/9/2011	AV	43.815470	-117.253615		
816	250	1	GRSP	GRASS				6/9/2011	A	43.815472	-117.253616		X
822	100	2	GRSP	GRASS				6/9/2011	A	43.823634	-117.259369		X
824	100	2	GRSP	GRASS				6/9/2011	AV	43.826078	-117.260005		X
825	150	4	WEME	GRASS				6/9/2011	A	43.826076	-117.260003		
826	150	1	GRSP	GRASS				6/9/2011	V	43.830308	-117.262694		X
826	50	1	GRSP	GRASS				6/9/2011	A	43.840482	-117.270481		X
827	100	6	HOLA	GRASS				6/9/2011	VA	43.830311	-117.262686		
828	500	3	WEME	GRASS				6/9/2011	A	43.830307	-117.262678		
829	250	6	HOLA	GRASS				6/9/2011	AV	43.838173	-117.269176		
830	250	1	LIZARD	SHRUB				6/9/2011	V	43.841942	-117.269952	SMALL NOT GOOD ENOUGH VIEW TO ID	
831	250	6	HOLA	GRASS				6/9/2011	AV	43.842734	-117.270872		
833	0	2	NRWS	GRASS				6/9/2011	V	43.846281	-117.274265		
834	50	1	GRSP	GRASS				6/9/2011	A	43.846281	-117.274264		X
834	250	4	HOLA	GRASS				6/9/2011	AV	43.846357	-117.274374		
836	200	2	WESTERN WHIPTAIL	SHRUB				6/9/2011	V	43.846356	-117.274372		
837	50	1	GRSP	GRASS				6/9/2011	A	43.848622	-117.274914		X
838	500	2	WEME	GRASS				6/9/2011	A	43.848623	-117.274913		
839	500	1	LBCU	GRASS				6/9/2011	VA	43.848694	-117.276643		X
840	1000	1	NOHA	GRASS				6/9/2011	V	43.848561	-117.277944		
840	0	1	ROWR	DRAW				6/9/2011	A	43.848859	-117.276741		
843	0	1	LASP	GRASS				6/9/2011	V	43.848857	-117.276743		
1365	50	5	HOLA	GRASS				6/20/2011	VA	43.855574	-117.269001		
1366	0	2	WEME	GRASS				6/20/2011	A	43.856385	-117.270873		
1367	0	2	HOLA	GRASS				6/20/2011	A	43.856385	-117.270871		
1368	0	2	HOLA	GRASS				6/20/2011	VA	43.855193	-117.271275		
1369	0	2	HOLA	GRASS				6/20/2011	A	43.856090	-117.274456		
1370	100	1	WEME	GRASS				6/20/2011	A	43.851729	-117.275190		
1371	100	2	HOLA	GRASS				6/20/2011	A	43.851729	-117.275190		
1549	1000	1	RTHA	SHRUB				6/20/2011	V	43.876034	-117.365900		
1550	1000	1	BBMA	SHRUB				6/20/2011	V	43.876034	-117.365900		
1551	250	2	WEME	SHRUB				6/20/2011	A	43.876034	-117.365900		
1552	0	1	CORA	SHRUB				6/20/2011	V	43.875697	-117.365852		
1553	100	2	LAZB	SHRUB				6/20/2011	VA	43.872128	-117.365374		
1554	250	4	WEME	SHRUB				6/20/2011	A	43.872128	-117.365375		
1555	200	4	WEME	SHRUB				6/20/2011	VA	43.869300	-117.366553		
1556	50	1	CLSW	SHRUB				6/20/2011	VA	43.869301	-117.366552		
1557	200	1	LAZB	SHRUB				6/20/2011	A	43.869302	-117.366553		
1558	1000	2	RTHA	SHRUB				6/20/2011	VA	43.865985	-117.367788		
1559	250	2	CLSW	SHRUB				6/20/2011	VA	43.865791	-117.368097		
1560	300	4	BRSP	SHRUB				6/20/2011	VA	43.865790	-117.368097		
1560	100	3	WEME	SHRUB				6/20/2011	AV	43.865792	-117.368096		
1599	50	1	KILL	GRASS				6/20/2011	A	43.877279	-117.369810		
1600	100	3	HOLA	GRASS				6/20/2011	A	43.877278	-117.369811		
1601	250	1	WEME	GRASS				6/20/2011	A	43.877278	-117.369811		
1603	500	2	RTHA	GRASS				6/20/2011	V	43.876925	-117.372298		
1604	200	2	WEME	GRASS				6/20/2011	A	43.875579	-117.374326		
1605	100	4	HOLA	GRASS				6/20/2011	VA	43.873059	-117.378520		
1606	50	4	HOLA	GRASS				6/20/2011	VA	43.870233	-117.383007		
1607	200	3	WEME	GRASS				6/20/2011	A	43.870216	-117.383045		

ID	DIST	QUANT	SPECIES	HABITAT	AGE	GENDER	PHOTO	DATE	OBSTYPE	LAT	LONG	COMMENTS	SSS
1608	1000	1	CORA	GRASS				6/20/2011	V	43.870216	-117.383044		
1609	1000	1	RTHA	GRASS				6/20/2011	V	43.869220	-117.385110		
1610	100	2	HOLA	GRASS				6/20/2011	A	43.869220	-117.385110		
1611	0	2	RTHA	GRASS				6/20/2011	V	43.867965	-117.386702		
1612	0	6	HOLA	GRASS				6/20/2011	VA	43.867964	-117.386702		
1613	50	2	WEME	GRASS				6/20/2011	A	43.867964	-117.386703		
1	250	1	SAVS	GRASS				6/21/2011	A	45.493485	-118.750575		
1	0	1	KILL	GRASS				6/21/2011	V	45.527848	-118.799370		
2	750	2	MULE DEER	GRASS				6/21/2011	V	45.493048	-118.751881		
2	500	1	WEME	GRASS				6/21/2011	AV	45.527770	-118.799349		
3	250	4	WEME	GRASS				6/21/2011	A	45.493049	-118.751882		
3	0	1	WHITE-TAILED DEER	GRASS				6/21/2011	V	45.493552	-118.753811		
3	0	1	BBMA	GRASS				6/21/2011	V	45.527764	-118.799356		
4	250	2	SAVS	GRASS				6/21/2011	A	45.493543	-118.753807		
4	100	1	LAZB	RIPARIAN				6/21/2011	A	45.493546	-118.753811		
5	50	1	GRSP	GRASS				6/21/2011	A	45.493540	-118.753809		X
6	0	1	EAKI	RIPARIAN				6/21/2011	AV	45.493539	-118.753810		
6	0	1	WHITE-TAILED DEER	RIPARIAN				6/21/2011	V	45.493543	-118.754840		
6	0	1	MODO	GRASS				6/21/2011	AV	45.520849	-118.796752		
7	0	1	RTHA	GRASS				6/21/2011	V	45.493557	-118.754830		
7	50	1	WEME	GRASS				6/21/2011	A	45.520851	-118.796749		
8	0	3	CEDW	RIPARIAN				6/21/2011	V	45.493482	-118.754807		
8	0	1	SOSP	RIPARIAN				6/21/2011	A	45.493555	-118.754761		
8	0	2	CEDW	RIPARIAN				6/21/2011	AV	45.493559	-118.754771		
8	0	1	BHCO	GRASS				6/21/2011	V	45.520851	-118.796750		
9	100	1	WEME	GRASS				6/21/2011	A	45.486774	-118.781553		
9	0	2	EAKI	RIPARIAN				6/21/2011	V	45.493467	-118.754920		
10	10	1	SAVS	GRASS				6/21/2011	AV	45.486765	-118.781557		
10	0	2	WHITE-TAILED DEER	GRASS				6/21/2011	V	45.487491	-118.781552		
10	0	1	MULE DEER	GRASS		F		6/21/2011	V	45.493380	-118.756964		
11	50	1	SAVS	GRASS				6/21/2011	A	45.490717	-118.781559		
11	0	6	WHITE-TAILED DEER	GRASS		F		6/21/2011	V	45.493415	-118.758117		
12	0	1	HOLA	GRASS				6/21/2011	V	45.488491	-118.784558		
12	0	2	SAVS	GRASS				6/21/2011	A	45.488518	-118.784823		
12	150	1	GRSP	GRASS				6/21/2011	A	45.493890	-118.760112		X
13	0	1	SAVS	GRASS				6/21/2011	A	45.488763	-118.786970		
13	0	3	MULE DEER	GRASS	2JUV			6/21/2011	V	45.493893	-118.760111		
14	100	1	WHITE-TAILED DEER	GRASS				6/21/2011	V	45.491954	-118.773497		
14	0	1	RWBL	GRASS				6/21/2011	V	45.493928	-118.760615		
15	150	2	GRSP	GRASS				6/21/2011	A	45.493470	-118.768368		X
15	30	1	SAVS	GRASS				6/21/2011	AV	45.498304	-118.757775		
16	750	1	RNEP	GRASS				6/21/2011	V	45.493473	-118.769327		
16	50	2	MULE DEER	GRASS	1A, 1J			6/21/2011	V	45.498312	-118.757780		
17	100	2	EAKI	RIPARIAN				6/21/2011	V	45.493468	-118.769326		
17	0	1	WHITE-TAILED DEER	GRASS	JUV			6/21/2011	V	45.494287	-118.757298		
18	250	1	LAZB	RIPARIAN				6/21/2011	V	45.493791	-118.769391		
18	400	2	WEME	GRASS				6/21/2011	A	45.494277	-118.757317		
19	0	1	BUOR	RIPARIAN				6/21/2011	V	45.493809	-118.769396		
19	100	2	WEWP	RIPARIAN				6/21/2011	AV	45.493813	-118.769406		
20	0	1	YWAR	RIPARIAN				6/21/2011	A	45.493807	-118.769397		
20	10	1	BUOR	RIPARIAN				6/21/2011	AV	45.496150	-118.612061		
21	10	1	CEDW	RIPARIAN				6/21/2011	AV	45.496153	-118.612065		
22	0	1	BBMA	GRASS				6/21/2011	V	45.493816	-118.769378		
22	20	1	YWAR	RIPARIAN				6/21/2011	AV	45.496153	-118.612066		
23	0	3	NRWS	GRASS				6/21/2011	V	45.493826	-118.770679		
23	30	1	LAZB	RIPARIAN				6/21/2011	AV	45.496156	-118.612063		
24	500	1	MODO	GRASS				6/21/2011	A	45.493815	-118.770704		
24	0	2	WEKI	RIPARIAN				6/21/2011	AV	45.496165	-118.612056		
25	0	2	CEDW	RIPARIAN				6/21/2011	AV	45.496188	-118.611777		
26	0	1	WEME	SHRUB				6/21/2011	V	45.494289	-118.772041		
26	50	20	BHCO	GRASS				6/21/2011	AV	45.495617	-118.611190		
26	0	2	BARS	RIPARIAN				6/21/2011	AV	45.496187	-118.611784		
27	50	1	ELK-DEAD	GRASS	JUV			6/21/2011	V	45.493468	-118.775608		X
27	50	2	EUST	GRASS				6/21/2011	V	45.495596	-118.611184		
27	10	2	LAZB	FOREST				6/21/2011	AV	45.496079	-118.610676		
28	100	2	SAVS	GRASS				6/21/2011	VA	45.493460	-118.775671		
28	20	1	WEWP	FOREST				6/21/2011	V	45.495824	-118.611122		
29	0	1	MODO	AG				6/21/2011	V	45.493437	-118.780531		
29	40	1	CHSP	FOREST				6/21/2011	A	45.495773	-118.611192		
30	100	2	GRAP	GRASS				6/21/2011	V	45.493465	-118.781229		
30	20	1	WETA	FOREST				6/21/2011	A	45.495774	-118.611159		
31	50	1	SAVS	GRASS				6/21/2011	A	45.493623	-118.782806		
31	0	1	AMKE	GRASS				6/21/2011	V	45.495566	-118.610670		
32	0	4	CLSW	GRASS				6/21/2011	AV	45.495662	-118.609416		
33	150	3	SAVS	GRASS				6/21/2011	AV	45.495661	-118.781747		

ID	DIST	QUANT	SPECIES	HABITAT	AGE	GENDER	PHOTO	DATE	OBSTYPE	LAT	LONG	COMMENTS	SSS
33	0	1	RTHA	GRASS				6/21/2011	V	45.495701	-118.609055		
35	0	1	WEME	GRASS				6/21/2011	V	45.497947	-118.781646		
36	500	2	RNEP	GRASS				6/21/2011	V	45.500554	-118.781619		
37	20	2	AMRO	GRASS				6/21/2011	V	45.495763	-118.608127		
39	30	1	WETA	FOREST				6/21/2011	AV	45.495772	-118.607272		
39	150	1	SAVS	GRASS				6/21/2011	A	45.503208	-118.782882		
40	30	3	CEDW	FOREST				6/21/2011	AV	45.495305	-118.603916		
40	250	1	WEME	GRASS				6/21/2011	A	45.505480	-118.783231		
41	100	2	EAKI	GRASS				6/21/2011	AV	45.493248	-118.601729		
41	400	4	MULE DEER	GRASS				6/21/2011	V	45.505906	-118.783857		
42	100	2	HOLA	GRASS				6/21/2011	AV	45.508513	-118.784396		
43	400	2	MULE DEER	GRASS				6/21/2011	V	45.508514	-118.784395		
44	250	3	WEME	GRASS				6/21/2011	A	45.509674	-118.785065		
46	250	3	BBMA	GRASS				6/21/2011	AV	45.512912	-118.786017		
48	500	2	WEME	AG				6/21/2011	A	45.517815	-118.791945		
50	500	2	WEME	GRASS				6/21/2011	A	45.492443	-118.600891		
53	10	3	CHSP	SHRUB				6/21/2011	AV	45.489801	-118.599441		
333	0	1	GRAP	GRASS				6/21/2011	V	45.491896	-118.723103		
622	0	5	CLSW	WHEAT				6/21/2011	AV	45.522352	-118.825565		
5000	100	3	WEME	SHRUB				6/21/2011	AV	43.670787	-117.130512		
5001	100	1	ROWR	SHRUB				6/21/2011	A	43.670787	-117.130512		
5002	2	200	HOLA	GRASS				6/21/2011	A	43.671631	-117.132214		
5003	50	6	HOLA	GRASS				6/21/2011	VA	43.673354	-117.131744		
5004	250	2	WEME	GRASS				6/21/2011	A	43.673354	-117.131744		
5005	150	6	HOLA	GRASS				6/21/2011	A	43.673780	-117.129029		
5006	200	4	WEME	GRASS				6/21/2011	A	43.673780	-117.129029		
5007	50	1	GRSP	GRASS				6/21/2011	A	43.673780	-117.129029		X
5008	250	3	WEME	GRASS				6/21/2011	A	43.674473	-117.126897		
5009	250	2	HOLA	GRASS				6/21/2011	A	43.674817	-117.127033		
5010	300	2	WEME	GRASS				6/21/2011	A	43.675599	-117.124729		
5011	0	1	ROWR	GRASS				6/21/2011	A	43.675631	-117.124710		
5012	100	2	HOLA	GRASS				6/21/2011	VA	43.676619	-117.124497		
5013	500	2	ROWR	GRASS				6/21/2011	A	43.677191	-117.125211		
5014	250	3	WEME	GRASS				6/21/2011	A	43.677191	-117.125211		
5015	250	3	HOLA	GRASS				6/21/2011	A	43.677191	-117.125211		
5016	50	4	HOLA	GRASS				6/21/2011	VA	43.674832	-117.130685		
5017	250	3	WEME	GRASS				6/21/2011	A	43.674833	-117.130685		
5018	750	1	CORA	GRASS				6/21/2011	A	43.676397	-117.130351		
5019	50	2	GRSP	GRASS				6/21/2011	A	43.677080	-117.130857		X
5020	100	4	HOLA	GRASS				6/21/2011	A	43.677081	-117.130857		
5021	250	2	WEME	GRASS				6/21/2011	A	43.677081	-117.130857		
5022	300	2	WEME	GRASS				6/21/2011	A	43.678650	-117.131734		
5023	250	2	HOLA	GRASS				6/21/2011	A	43.678650	-117.131734		
5024	500	1	ROWR	GRASS				6/21/2011	A	43.680261	-117.132304		
5025	200	2	WEME	GRASS				6/21/2011	A	43.680260	-117.132304		
5026	100	2	HOLA	GRASS				6/21/2011	A	43.680260	-117.132304		
5027	0	1	RTHA	GRASS				6/21/2011	V	43.683060	-117.132441		
5028	500	3	WEME	GRASS				6/21/2011	A	43.683061	-117.132441		
5029	400	2	WEME	GRASS				6/21/2011	A	43.683856	-117.131486		
5030	250	2	HOLA	GRASS				6/21/2011	A	43.683856	-117.131486		
5031	200	2	LASP	SHRUB				6/21/2011	VA	43.663093	-117.116038		
5032	250	3	WEME	SHRUB				6/21/2011	A	43.663091	-117.116042		
5033	100	2	LASP	SHRUB				6/21/2011	A	43.661820	-117.115483		
5034	50	1	LASP	SHRUB				6/21/2011	VA	43.661436	-117.114509		
5035	250	3	WEME	SHRUB				6/21/2011	A	43.661435	-117.114507		
5036	0	1	LIZARD	SHRUB			PIC TAKEN	6/21/2011	V	43.661144	-117.114321		
5036	0	1	LONGNOSE LEOPARD LIZARD	SHRUB			PIC TAKEN	6/21/2011	V	43.661144	-117.114321		
5037	250	4	WEME	SHRUB				6/21/2011	A	43.660739	-117.116340		
5037	0	1	TUVU	SHRUB				6/21/2011	V	43.661151	-117.114344		
5038	0	1	LIZARD	SHRUB			PIC	6/21/2011	V	43.660484	-117.117498		
5038	0	1	WESTERN WHIPTAIL	SHRUB			PIC	6/21/2011	V	43.660484	-117.117498		
5039	100	2	LASP	SHRUB				6/21/2011	A	43.660484	-117.117500		
5040	200	3	WEME	SHRUB				6/21/2011	A	43.656266	-117.118276		
5041	500	1	LASP	SHRUB				6/21/2011	A	43.656266	-117.118280		
5042	100	1	LASP	SHRUB				6/21/2011	A	43.656217	-117.119951		
5043	500	2	LENI	SHRUB				6/21/2011	A	43.656216	-117.119952		
5044	100	5	WEME	SHRUB				6/21/2011	VA	43.656096	-117.121252		
5045	0	2	WEME	SHRUB STEPPE				6/21/2011	VA	43.655063	-117.120449		
5046	0	2	LASP	SHRUB STEPPE				6/21/2011	VA	43.654904	-117.119527		
5047	50	2	LASP	SHRUB STEPPE				6/21/2011	A	43.653975	-117.117852		
5048	100	3	WEME	SHRUB STEPPE				6/21/2011	AV	43.653975	-117.117851		
5049	0	2	LASP	SHRUB				6/21/2011	VA	43.652631	-117.117790		
5050	100	3	WEME	SHRUB				6/21/2011	A	43.652122	-117.116122		
5051	500	2	LASP	SHRUB				6/21/2011	A	43.652835	-117.112558		

ID	DIST	QUANT	SPECIES	HABITAT	AGE	GENDER	PHOTO	DATE	OBSTYPE	LAT	LONG	COMMENTS	SSS
5052	250	4	WEME	SHRUB				6/21/2011	A	43.652836	-117.112556		
5053	0	1	LIZARD	SHRUB				6/21/2011	V	43.652829	-117.111878		
5053	0	1	LONGNOSE LEOPARD LIZARD	SHRUB				6/21/2011	V	43.652829	-117.111878		
5054	250	3	WEME	SHRUB				6/21/2011	A	43.652555	-117.108953		
5055	0	1	CONI	SHRUB				6/21/2011	V	43.652106	-117.106478		X
5056	1000	2	TUVU	SHRUB				6/21/2011	V	43.652107	-117.106478		
5057	750	1	MODO	SHRUB				6/21/2011	A	43.652106	-117.106443		
5058	300	2	CAQU	SHRUB				6/21/2011	A	43.652108	-117.106443		
5059	0	1	LONGNOSE LEOPARD LIZARD	SHRUB				6/21/2011	V	43.652355	-117.104005		
5060	100	10	RWBL	SHRUB				6/21/2011	VA	43.652125	-117.102361		
5061	100	3	BBMA	SHRUB				6/21/2011	A	43.652125	-117.102359		
5062	100	3	MODO	SHRUB				6/21/2011	VA	43.652125	-117.102359		
5063	0	1	BARS	SHRUB				6/21/2011	V	43.652227	-117.102296		
5064	200	2	WEME	SHRUB				6/21/2011	A	43.653415	-117.103129		
5065	500	1	KILL	SHRUB				6/21/2011	A	43.653397	-117.103139		
5066	100	2	BBMA	SHRUB				6/21/2011	VA	43.654784	-117.103791		
5067	100	2	WEME	SHRUB				6/21/2011	A	43.654786	-117.103790		
5068	200	2	WEME	SHRUB				6/21/2011	A	43.656323	-117.105037		
5069	200	1	LASP	SHRUB				6/21/2011	A	43.656325	-117.105035		
5070	150	1	ROWR	SHRUB				6/21/2011	A	43.657530	-117.105714		
5071	200	2	WEME	SHRUB				6/21/2011	A	43.657538	-117.105708		
5072	250	1	LASP	SHRUB				6/21/2011	A	43.659681	-117.109147		
5073	500	2	WEME	SHRUB				6/21/2011	A	43.659682	-117.109151		
5074	50	1	LASP	SHRUB				6/21/2011	VA	43.660029	-117.112166		
5075	250	2	WEME	SHRUB				6/21/2011	A	43.660058	-117.112249		
49	250	4	WEME	GRASS				6/22/2011	AV	45.518668	-118.793128		
50	0	2	BRBL	GRASS				6/22/2011	V	45.519978	-118.796955		
100	20	2	GRSP	GRASS				6/22/2011	A	45.482826	-118.691827		X
100	0	2	YWAR	RIPARIAN				6/22/2011	AV	45.485069	-118.609084		
101	1000	2	RTHA	GRASS				6/22/2011	AV	45.482882	-118.691770		
101	0	2	CEDW	RIPARIAN				6/22/2011	AV	45.484989	-118.609134		
102	60	3	WEME	GRASS				6/22/2011	AV	45.482796	-118.691869		
102	200	1	DEJU	RIPARIAN				6/22/2011	A	45.484994	-118.609136		
103	30	4	HOLA	GRASS				6/22/2011	A	45.482798	-118.691867		
104	0	1	HUMMINGBIRD	RIPARIAN				6/22/2011	V	45.484981	-118.609116		
105	1000	1	RNEP	GRASS				6/22/2011	A	45.482802	-118.691868		
105	0	2	AMGO	RIPARIAN				6/22/2011	AV	45.484990	-118.609131		
106	100	3	CHSP	RIPARIAN				6/22/2011	AV	45.484755	-118.607792		
107	0	1	SPTO	RIPARIAN				6/22/2011	A	45.484761	-118.607793		
108	250	2	WHITE-TAILED DEER	RIPARIAN				6/22/2011	V	45.484754	-118.607810		
108	50	4	HOLA	GRASS				6/22/2011	AV	45.486195	-118.702597		
109	0	1	GRAP	GRASS				6/22/2011	V	45.484546	-118.606232		
110	0	1	AMKE	GRASS				6/22/2011	V	45.484986	-118.601671		
111	500	2	WEME	GRASS				6/22/2011	A	45.485734	-118.597899		
112	0	2	CONI	GRASS				6/22/2011	AV	45.485600	-118.705637		X
112	50	2	HOLA	GRASS				6/22/2011	A	45.488822	-118.593862		
113	40	3	HOLA	GRASS				6/22/2011	A	45.487104	-118.706504		
113	400	1	LAZB	GRASS				6/22/2011	A	45.489275	-118.591990		
114	200	3	WEME	GRASS				6/22/2011	A	45.487104	-118.706504		
114	0	1	WEME	GRASS				6/22/2011	V	45.489438	-118.589434		
115	20	2	GRSP	GRASS				6/22/2011	A	45.485436	-118.707201		X
115	0	1	AMKE	GRASS				6/22/2011	V	45.487484	-118.581325		
116	10	5	HOLA	GRASS				6/22/2011	AV	45.484518	-118.709214		
116	500	2	WEME	GRASS				6/22/2011	A	45.487482	-118.581322		
117	1000	2	CAQU	RIPARIAN				6/22/2011	A	45.482569	-118.713726		
118	1000	1	WEWP	RIPARIAN				6/22/2011	A	45.482568	-118.713725		
119	60	1	GRSP	GRASS				6/22/2011	A	45.484065	-118.716376		X
119	150	1	ELK	GRASS	JUV			6/22/2011	V	45.485928	-118.575498		X
120	300	1	BHCO	GRASS				6/22/2011	V	45.484066	-118.716381		
120	750	6	ELK	GRASS				6/22/2011	V	45.485984	-118.575514		X
121	50	1	LAZB	RIPARIAN				6/22/2011	AV	45.485564	-118.715744		
121	100	4	LAZB	SHRUB				6/22/2011	A	45.485734	-118.571639		
121	150	1	GRSP	GRASS				6/22/2011	A	45.486055	-118.575514		X
122	400	3	WEME	GRASS				6/22/2011	A	45.485584	-118.715413		
122	250	2	ELK	GRASS				6/22/2011	V	45.485646	-118.571312		X
122	60	2	LAZB	GRASS				6/22/2011	AV	45.487316	-118.711294		
123	0	1	WETA	RIPARIAN				6/22/2011	AV	45.487149	-118.710557		
123	0	2	MODO	RIPARIAN				6/22/2011	AV	45.487628	-118.713053		
124	70	1	CHSP	RIPARIAN				6/22/2011	A	45.487629	-118.713057		
124	0	2	WEME	GRASS				6/22/2011	AV	45.488114	-118.716249		
125	0	3	BBMA	RIPARIAN				6/22/2011	AV	45.487629	-118.713055		
125	500	2	WEKI	GRASS				6/22/2011	AV	45.488115	-118.716247		
126	0	1	CORA	GRASS				6/22/2011	V	45.485359	-118.569853		

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126	30	3	HOLA	GRASS				6/22/2011	AV	45.488747	-118.717470		
127	2000	80	ELK	GRASS				6/22/2011	V	45.485301	-118.569321	COWS AND CALVES	X
127	0	1	WEME	GRASS				6/22/2011	V	45.490025	-118.720158		
128	0	2	HOLA	GRASS				6/22/2011	AV	45.493119	-118.725345		
129	100	1	VOLE	GRASS				6/22/2011	V	45.485605	-118.565775		
129	1500	1	RTHA	GRASS				6/22/2011	AV	45.485794	-118.566527		
129	150	1	RWBL	GRASS				6/22/2011	AV	45.489709	-118.727903		
130	500	2	ELK	RIPARIAN				6/22/2011	V	45.485340	-118.564737	COW AND CALF	X
130	200	2	WEME	GRASS				6/22/2011	AV	45.489717	-118.727899		
131	0	3	LAZB	RIPARIAN				6/22/2011	VA	45.485345	-118.564739		
131	0	2	EAKI	RIPARIAN				6/22/2011	AV	45.489697	-118.728118		
132	0	2	CHSP	RIPARIAN				6/22/2011	VA	45.485345	-118.564737		
132	50	3	WHITE-TAILED DEER	GRASS	1A 2J			6/22/2011	AV	45.489645	-118.728447		
133	0	3	SPTO	RIPARIAN				6/22/2011	VA	45.485346	-118.564738		
133	50	1	MULE DEER	GRASS				6/22/2011	V	45.489632	-118.728455		
134	0	1	AMRO	RIPARIAN				6/22/2011	VA	45.485346	-118.564744		
135	0	1	WETA	RIPARIAN				6/22/2011	AV	45.485349	-118.564742		
135	0	3	BBMA	GRASS				6/22/2011	AV	45.490627	-118.732925		
136	200	1	MULE DEER	GRASS				6/22/2011	V	45.489493	-118.733670		
137	0	1	YWAR	RIPARIAN				6/22/2011	A	45.485336	-118.564737		
137	0	1	WEME	GRASS				6/22/2011	AV	45.490178	-118.734529		
138	300	2	CONI	GRASS				6/22/2011	AV	45.490184	-118.734535		X
140	500	2	SPTO	FOREST				6/22/2011	A	45.484610	-118.563846		
141	500	2	AMRO	FOREST				6/22/2011	A	45.484614	-118.563853		
142	250	2	CHSP	FOREST				6/22/2011	A	45.485007	-118.560264		
143	0	3	MULE DEER	GRASS		2F 1M		6/22/2011	V	45.485294	-118.559400		
145	0	1	AMKE	GRASS				6/22/2011	V	45.484852	-118.556214		
146	0	3	AMRO	GRASS				6/22/2011	V	45.484898	-118.556091		
149	0	1	CONI	FOREST				6/22/2011	A	45.486986	-118.552634		X
150	150	1	WETA	FOREST				6/22/2011	A	45.487096	-118.552558		
151	150	2	CHSP	FOREST				6/22/2011	A	45.487129	-118.552566		
152	500	2	AMRO	FOREST				6/22/2011	A	45.487128	-118.552555		
153	0	1	PACIFIC CHORUS FROG	FOREST				6/22/2011	V	45.487240	-118.551994		
155	0	1	CORA	FOREST				6/22/2011	V	45.487198	-118.551914		
156	0	1	YRWA	FOREST				6/22/2011	AV	45.487589	-118.551270		
157	250	1	BCCH	FOREST				6/22/2011	A	45.487566	-118.551304		X
159	300	1	DEJU	FOREST				6/22/2011	A	45.488223	-118.550069		
160	250	1	YRWA	FOREST				6/22/2011	A	45.488327	-118.549516		
160	150	1	RECR	FOREST				6/22/2011	V	45.489107	-118.548365		
161	150	2	MULE DEER	FOREST				6/22/2011	V	45.489104	-118.548377		
163	150	3	AMRO	FOREST				6/22/2011	AV	45.489678	-118.547805		
281	400	2	LAZB	SHRUB				6/22/2011	A	45.485643	-118.633279		
304	30	2	WEME	GRASS				6/22/2011	AV	45.487758	-118.568146		
401	200	1	WEWP	FOREST				6/22/2011	A	45.482988	-118.474088		
5100	300	2	WEME	SHRUB				6/22/2011	A	44.026671	-117.477517		
5101	500	1	RTHA	SHRUB				6/22/2011	V	44.026928	-117.477638		
5102	100	2	MODO	SHRUB				6/22/2011	VA	44.027444	-117.478133		
5103	250	1	LASP	SHRUB				6/22/2011	VA	44.027980	-117.478847		
5104	300	1	HOLA	SHRUB				6/22/2011	A	44.028733	-117.479411		
5104	50	2	BHCO	SHRUB				6/22/2011	VA	44.028733	-117.479410		
5106	100	2	LASP	SHRUB				6/22/2011	V	44.029136	-117.479796		
5107	500	2	WEME	SHRUB				6/22/2011	A	44.030117	-117.480224		
5108	500	1	BRSP	SHRUB				6/22/2011	A	44.032291	-117.481106		
5109	50	3	BRSP	SHRUB STEPPE				6/22/2011	A	44.031683	-117.481196		
5110	200	2	LASP	SHRUB				6/22/2011	A	44.058225	-117.474591		
5111	100	3	WEME	SHRUB				6/22/2011	VA	44.058226	-117.474591		
5112	250	4	WEME	SHRUB STEPPE				6/22/2011	A	44.071973	-117.473767		
5113	200	2	BRSP	SHRUB STEPPE				6/22/2011	A	44.071974	-117.473761		
5114	500	1	LASP	SHRUB STEPPE				6/22/2011	A	44.071974	-117.473761		
5115	250	2	CONI	SHRUB STEPPE				6/22/2011	A	44.071187	-117.472563		X
5116	50	2	BRSP	SHRUB STEPPE				6/22/2011	A	44.071185	-117.472567		
5117	500	2	LASP	SHRUB STEPPE				6/22/2011		44.071185	-117.472568		
5118	100	2	WEME	SHRUB STEPPE				6/22/2011	VA	44.070431	-117.471175		
5119	100	1	LASP	SHRUB STEPPE				6/22/2011	V	44.070431	-117.471176		
5120	100	2	BRSP	SHRUB STEPPE				6/22/2011	A	44.070430	-117.471176		
5121	0	1	RTHA	SHRUB STEPPE				6/22/2011	V	44.069383	-117.469924		
5122	200	4	WEME	SHRUB STEPPE				6/22/2011	VA	44.069382	-117.469925		
5123	50	2	LASP	SHRUB STEPPE				6/22/2011	V	44.068464	-117.469760		
5124	500	1	BRSP	SHRUB STEPPE				6/22/2011	A	44.068464	-117.469760		
5125	750	1	CONI	SHRUB STEPPE				6/22/2011	A	44.068464	-117.469760		X
5126	500	1	LASP	SHRUB STEPPE				6/22/2011	A	44.067136	-117.468644		
5127	50	1	BRSP	SHRUB STEPPE				6/22/2011	A	44.067135	-117.468643		
5128	500	1	CONI	SHRUB STEPPE				6/22/2011	A	44.067135	-117.468640		X
5129	100	2	BRSP	SHRUB STEPPE				6/22/2011	A	44.065840	-117.469371		
5130	250	3	WEME	SHRUB STEPPE				6/22/2011	A	44.065841	-117.469372		

ID	DIST	QUANT	SPECIES	HABITAT	AGE	GENDER	PHOTO	DATE	OBSTYPE	LAT	LONG	COMMENTS	SSS
5131	300	2	LASP	SHRUB STEPPE				6/22/2011	A	44.065353	-117.469478		
5132	500	1	CONI	SHRUB STEPPE				6/22/2011	A	44.065353	-117.469478		X
5133	500	1	ROWR	SHRUB STEPPE				6/22/2011	A	44.065079	-117.468576		
5134	0	1	BLACK-TAILED JACKRABBIT	SHRUB STEPPE				6/22/2011	V	44.064376	-117.468811		
5135	0	1	CONI	SHRUB STEPPE				6/22/2011	VA	44.063994	-117.469353		X
5136	100	2	WEME	SHRUB STEPPE				6/22/2011	VA	44.063994	-117.469353		
5137	750	1	RTHA	SHRUB STEPPE				6/22/2011	V	44.063953	-117.470972		
5138	200	2	WEME	SHRUB STEPPE				6/22/2011	A	44.063733	-117.473171		
5139	200	2	LASP	SHRUB				6/22/2011	A	44.080120	-117.468905		
5140	200	4	WEME	SHRUB				6/22/2011	A	44.080118	-117.468906		
5141	500	1	CAQU	SHRUB				6/22/2011	AV	44.080120	-117.468907		
5142	250	4	LASP	SHRUB				6/22/2011	A	44.081204	-117.469594		
5143	100	3	WEME	SHRUB				6/22/2011	A	44.082322	-117.470556		
5144	100	3	LASP	SHRUB				6/22/2011	AV	44.082320	-117.470556		
5145	200	3	WEME	SHRUB				6/22/2011	A	44.082949	-117.472337		
5146	200	2	LASP	SHRUB				6/22/2011	A	44.082949	-117.472338		
5147	50	2	HOLA	GRASS				6/22/2011	A	44.145600	-117.504710		
5148	750	1	CORA	GRASS				6/22/2011	A	44.145600	-117.504710		
5149	0	3	WEME	GRASS				6/22/2011	A	44.145292	-117.506378		
5150	0	2	BRBL	SHRUB				6/22/2011	VA	44.144934	-117.508135		
5151	0	2	WEME	SHRUB				6/22/2011	A	44.144934	-117.508136		
5152	0	1	LOSH	SHRUB STEPPE				6/22/2011	V	44.145642	-117.508401		X
5153	0	1	CAQU	SHRUB STEPPE				6/22/2011	V	44.145639	-117.508732		
5154	0	2	WEME	SHRUB STEPPE				6/22/2011	VA	44.144963	-117.509015		
120	250	1	GRSP	GRASS				6/23/2011	A	45.482506	-118.686329		X
121	200	1	GRSP	GRASS				6/23/2011	A	45.481792	-118.682800		X
139	70	1	SAVS	GRASS				6/23/2011	AV	45.491419	-118.740532		
140	150	4	HOLA	GRASS				6/23/2011	A	45.491421	-118.740536		
141	500	2	CONI	GRASS				6/23/2011	AV	45.491626	-118.741206		X
143	0	1	WEKI	GRASS				6/23/2011	V	45.491668	-118.741435		
144	0	2	WEME	RIPARIAN				6/23/2011	AV	45.492168	-118.753387		
145	0	2	WHITE-TAILED DEER	RIPARIAN	1A, 1J			6/23/2011	V	45.492165	-118.753385		
146	0	2	EAKI	RIPARIAN				6/23/2011	AV	45.492166	-118.753384		
147	0	1	NOFL	FOREST				6/23/2011	V	45.485643	-118.554660		X
148	0	2	SOSP	RIPARIAN				6/23/2011	AV	45.492169	-118.753380		
149	0	2	WEME	GRASS				6/23/2011	AV	45.492604	-118.755639		
150	0	1	SAVS	GRASS				6/23/2011	A	45.492750	-118.755797		
200	50	3	HOLA	GRASS				6/23/2011	A	45.481415	-118.683753		
200	150	2	GRSP	GRASS				6/23/2011	A	45.483850	-118.695761		X
201	10	1	GRSP	GRASS				6/23/2011	A	45.481415	-118.683752		X
201	200	1	HOLA	GRASS				6/23/2011	A	45.483654	-118.695377		
202	100	1	GRSP	GRASS				6/23/2011	A	45.480394	-118.682207		X
202	150	1	LAZB	RIPARIAN				6/23/2011	A	45.483202	-118.693427		
203	1000	2	RTHA	GRASS				6/23/2011	V	45.480395	-118.682208		
203	0	1	VESP	GRASS				6/23/2011	A	45.483201	-118.693430		
204	750	1	CAQU	RIPARIAN				6/23/2011	A	45.483201	-118.693431		
205	30	3	HOLA	GRASS				6/23/2011	A	45.479741	-118.676858		
205	500	1	BBMA	RIPARIAN				6/23/2011	A	45.483201	-118.693431		
206	300	3	WEME	GRASS				6/23/2011	A	45.479205	-118.676519		
206	100	2	SPTO	RIPARIAN				6/23/2011	A	45.483201	-118.693433		
207	50	1	GRSP	GRASS				6/23/2011	A	45.479202	-118.676535		X
208	0	6	BHCO	GRASS				6/23/2011	AV	45.479131	-118.675365		
208	0	2	GRAP	GRASS				6/23/2011	V	45.483350	-118.690719		
209	0	3	HOLA	GRASS				6/23/2011	AV	45.478989	-118.673963		
209	200	1	GRSP	GRASS				6/23/2011	A	45.483353	-118.690722		X
210	150	1	GRSP	GRASS				6/23/2011	A	45.477541	-118.669089		X
210	0	1	VESP	GRASS	JUV			6/23/2011	V	45.483353	-118.690723		
211	40	3	HOLA	GRASS				6/23/2011	AV	45.477543	-118.669090		
211	500	2	WEME	GRASS				6/23/2011	A	45.483354	-118.690723		
212	0	2	BHCO	GRASS				6/23/2011	AV	45.477352	-118.664600		
213	10	1	GRSP	GRASS				6/23/2011	A	45.476074	-118.668373		X
213	150	2	GRSP	GRASS				6/23/2011	A	45.482976	-118.688833		X
214	50	3	HOLA	GRASS				6/23/2011	A	45.476007	-118.668351		
214	0	1	HOLA	GRASS				6/23/2011	V	45.482975	-118.688828		
215	40	1	SAVS	GRASS				6/23/2011	AV	45.473607	-118.668057		
215	250	1	RTHA	GRASS				6/23/2011	V	45.482973	-118.688827		
216	500	1	NOHA	GRASS	ADULT	M		6/23/2011	V	45.473604	-118.668054		
216	100	1	SAVS	GRASS				6/23/2011	A	45.482506	-118.686332		
217	800	3	WEME	GRASS				6/23/2011	A	45.473604	-118.668054		
218	400	3	WEME	GRASS				6/23/2011	A	45.471792	-118.667318		
218	50	1	SAVS	GRASS				6/23/2011	AV	45.472485	-118.667869		
219	60	1	RACER	GRASS				6/23/2011	V	45.469795	-118.664269	EATING VOLE	
219	200	2	VESP	GRASS				6/23/2011	A	45.482505	-118.686328		
220	50	2	SAVS	GRASS				6/23/2011	A	45.468409	-118.661168		
221	300	2	WEME	GRASS				6/23/2011	A	45.468411	-118.661162		

ID	DIST	QUANT	SPECIES	HABITAT	AGE	GENDER	PHOTO	DATE	OBSTYPE	LAT	LONG	COMMENTS	SSS
222	20	2	SAVS	GRASS				6/23/2011	V	45.467034	-118.659320		
222	50	2	LAZB	RIPARIAN				6/23/2011	A	45.481792	-118.682800		
223	0	2	CORA	GRASS				6/23/2011	AV	45.466847	-118.659197		
223	500	1	WEME	GRASS				6/23/2011	A	45.481790	-118.682799		
224	0	2	BHCO	GRASS				6/23/2011	AV	45.466792	-118.658828		
224	100	1	VESP	GRASS				6/23/2011	V	45.481596	-118.682774		
225	400	3	WEME	GRASS				6/23/2011	A	45.466787	-118.658829		
225	300	3	LAZB	RIPARIAN				6/23/2011	A	45.480878	-118.680328		
226	300	1	SPTO	SHRUB				6/23/2011	A	45.480869	-118.680333		
227	70	2	SAVS	GRASS				6/23/2011	A	45.466705	-118.657343		
227	300	1	BBMA	RIPARIAN				6/23/2011	A	45.480798	-118.679250		
228	700	1	NOHA	GRASS				6/23/2011	V	45.467144	-118.655211		
229	70	2	KILL	GRASS				6/23/2011	AV	45.467144	-118.655210		
229	400	2	LAZB	SHRUB				6/23/2011	A	45.480723	-118.678400		
229	400	2	SPTO	SHRUB				6/23/2011	A	45.480730	-118.678408		
230	150	1	WEME	GRASS				6/23/2011	A	45.467143	-118.655211		
230	0	27	BHCO	GRASS				6/23/2011	AV	45.467879	-118.653338		
230	100	4	MULE DEER	SHRUB		2F 2M		6/23/2011	V	45.480644	-118.674677		
230	150	1	WEME	GRASS				6/23/2011	A	45.480722	-118.678399		
231	50	1	SAVS	GRASS				6/23/2011	AV	45.468750	-118.652104		
231	0	3	LAZB	SHRUB				6/23/2011	A	45.480579	-118.673930		
232	0	1	DUGR	GRASS		F		6/23/2011	V	45.469558	-118.650085		
232	200	2	WETA	SHRUB				6/23/2011	A	45.480622	-118.673915		
233	10	4	HOLA	GRASS				6/23/2011	AV	45.470013	-118.648490		
233	100	3	SPTO	SHRUB				6/23/2011	A	45.480619	-118.673916		
234	500	2	WEME	GRASS				6/23/2011	A	45.469649	-118.640992		
234	100	1	YWAR	SHRUB				6/23/2011	A	45.480569	-118.673936		
235	20	1	GRSP	GRASS				6/23/2011	AV	45.468210	-118.639300		X
235	300	1	WIWA	SHRUB				6/23/2011	A	45.480573	-118.673933		
236	30	2	VESP	GRASS				6/23/2011	AV	45.467063	-118.637232		
236	300	1	VESP	SHRUB				6/23/2011	A	45.480631	-118.673571		
237	0	2	HOLA	GRASS				6/23/2011	V	45.468559	-118.633815		
237	0	2	SPTO	SHRUB				6/23/2011	V	45.480156	-118.671724		
238	20	3	HOLA	GRASS				6/23/2011	AV	45.468557	-118.628851		
238	0	1	CHIPMUNK	SHRUB				6/23/2011	V	45.480153	-118.671725		
239	0	4	HOLA	GRASS				6/23/2011	AV	45.473299	-118.630806		
239	0	2	WAVI	SHRUB				6/23/2011	V	45.480153	-118.671725		
240	0	1	GOPHER SNAKE	GRASS				6/23/2011	V	45.475281	-118.629753		
240	0	1	AMGO	SHRUB				6/23/2011	A	45.480041	-118.671356		
240	0	3	LAZB	SHRUB				6/23/2011	AV	45.480154	-118.671724		
241	0	1	CORA	GRASS				6/23/2011	V	45.476717	-118.629215		
242	0	1	YWAR	SHRUB				6/23/2011	AV	45.479759	-118.670776		
242	0	3	HOLA	GRASS				6/23/2011	AV	45.480082	-118.630204		
243	750	1	CORA	GRASS				6/23/2011	V	45.480138	-118.669892		
243	40	1	GRSP	GRASS				6/23/2011	A	45.484077	-118.630027		X
244	0	3	WEKI	GRASS				6/23/2011	V	45.480051	-118.669689		
244	0	2	HOLA	GRASS				6/23/2011	A	45.487140	-118.634444		
245	50	1	LAZB	RIPARIAN				6/23/2011	AV	45.487604	-118.636265		
246	250	1	DUGR	SHRUB				6/23/2011	V	45.478634	-118.667895		
246	0	1	HOLA	GRASS				6/23/2011	V	45.486270	-118.629416		
247	250	1	YWAR	SHRUB				6/23/2011	A	45.478644	-118.667920		
247	200	4	LAZB	SHRUB				6/23/2011	A	45.478647	-118.667916		
247	700	1	WEME	GRASS				6/23/2011	A	45.486694	-118.625583		
248	400	1	CHSP	GRASS				6/23/2011	A	45.486866	-118.623123		
249	500	4	LAZB	SHRUB				6/23/2011	AV	45.478326	-118.665401		
249	600	2	CLSW	GRASS				6/23/2011	V	45.486902	-118.622607		
250	500	1	WETA	SHRUB				6/23/2011	A	45.478326	-118.665400		
250	0	1	RACER	GRASS				6/23/2011	V	45.486895	-118.622408		
251	300	1	SPTO	SHRUB				6/23/2011	A	45.478325	-118.665402		
251	0	2	RACER	GRASS				6/23/2011	V	45.486273	-118.620090		
252	0	2	WEME	GRASS				6/23/2011	AV	45.485749	-118.619454		
254	750	1	MULE DEER	GRASS				6/23/2011	V	45.478321	-118.665173		
255	1000	1	RTHA	GRASS				6/23/2011	V	45.478323	-118.665178		
256	1000	2	NOHA	GRASS		MF		6/23/2011	V	45.478332	-118.664808		
258	50	1	RACER	GRASS				6/23/2011	V	45.478973	-118.662233		
259	100	1	HOLA	GRASS				6/23/2011	V	45.480639	-118.659460		
260	50	1	RACER	GRASS				6/23/2011	V	45.481635	-118.657645		
261	0	1	VESP	GRASS				6/23/2011	V	45.481910	-118.656839		
263	0	1	AMRO	GRASS				6/23/2011	V	45.484286	-118.652858		
264	150	1	CHSP	SHRUB				6/23/2011	V	45.484318	-118.652542		
264	250	2	LAZB	RIPARIAN				6/23/2011	AV	45.485381	-118.646914		
265	250	2	SPTO	SHRUB				6/23/2011	A	45.485383	-118.646921		
266	400	1	WHITE-TAILED DEER	SHRUB				6/23/2011	V	45.484833	-118.650660		
266	500	1	WEWP	SHRUB				6/23/2011	A	45.485365	-118.646912		
267	400	4	LAZB	GRASS				6/23/2011	A	45.485266	-118.649403		

ID	DIST	QUANT	SPECIES	HABITAT	AGE	GENDER	PHOTO	DATE	OBSTYPE	LAT	LONG	COMMENTS	SSS
269	250	1	YWAR	RIPARIAN				6/23/2011	A	45.485365	-118.646916		
269	0	4	LAZB	RIPARIAN				6/23/2011	A	45.485695	-118.646438		
270	0	3	WETA	RIPARIAN				6/23/2011	AV	45.486916	-118.644330		
271	0	2	YWAR	RIPARIAN				6/23/2011	A	45.486917	-118.644327		
274	250	1	AMRO	RIPARIAN				6/23/2011	A	45.486911	-118.644329		
275	400	4	LAZB	RIPARIAN				6/23/2011	A	45.486610	-118.642812		
276	400	3	SPTO	RIPARIAN				6/23/2011	A	45.486618	-118.642820		
277	500	1	CHSP	RIPARIAN				6/23/2011	A	45.486619	-118.642817		
278	0	1	NOFL	RIPARIAN				6/23/2011	A	45.486619	-118.642821		X
279	250	1	BCCH	RIPARIAN				6/23/2011	A	45.486620	-118.642820		X
279	0	1	CEDW	GRASS				6/23/2011	A	45.487218	-118.641605		
280	1500	1	WHITE-TAILED DEER	GRASS				6/23/2011	V	45.487358	-118.639119		
282	0	3	MULE DEER	GRASS		M		6/23/2011	V	45.485193	-118.629450		
284	0	1	CORA	GRASS				6/23/2011	V	45.485197	-118.629419		
285	1000	1	WEWP	RIPARIAN				6/23/2011	A	45.484960	-118.626198		
286	500	1	SPTO	SHRUB				6/23/2011	A	45.484913	-118.625789		
286	500	2	LAZB	SHRUB				6/23/2011	A	45.484914	-118.625792		
287	0	2	LAZB	GRASS				6/23/2011	A	45.484963	-118.622140		
288	0	1	AMGO	GRASS				6/23/2011	A	45.484961	-118.622144		
5200	50	2	HOLA	SHRUB				6/23/2011	A	44.210674	-117.543670		
5201	100	4	WEME	SHRUB				6/23/2011	A	44.210674	-117.543671		
5202	50	2	LASP	SHRUB				6/23/2011	A	44.210777	-117.543478		
5203	25	1	LASP	SHRUB				6/23/2011	A	44.211494	-117.542378		
5204	50	2	BRSP	SHRUB				6/23/2011	A	44.211508	-117.542356		
5205	200	4	WEME	SHRUB				6/23/2011	A	44.212481	-117.541175		
5206	100	2	BRSP	SHRUB				6/23/2011	A	44.212594	-117.540984		
5207	200	3	WEME	SHRUB				6/23/2011	A	44.213760	-117.539145		
5208	50	2	LASP	SHRUB				6/23/2011	VA	44.213826	-117.539083		
5209	0	1	BRSP	SHRUB				6/23/2011	V	44.211650	-117.535644		
5210	250	3	WEME	SHRUB				6/23/2011	A	44.211650	-117.535646		
5211	0	2	BRSP	SHRUB				6/23/2011	VA	44.211648	-117.535613		
5212	50	2	LASP	SHRUB				6/23/2011	V	44.211648	-117.535613		
5213	100	1	BRSP	SHRUB				6/23/2011	A	44.211575	-117.537267		
5214	500	2	WEME	SHRUB				6/23/2011	A	44.211575	-117.537269		
5215	500	3	WEME	SHRUB				6/23/2011	A	44.211231	-117.539222		
5216	250	2	BRSP	SHRUB				6/23/2011	A	44.211232	-117.539221		
5217	100	1	LASP	SHRUB				6/23/2011	A	44.210870	-117.540227		
5218	0	2	LASP	SHRUB				6/23/2011	VA	44.210580	-117.541296		
5219	250	1	BRSP	SHRUB				6/23/2011	A	44.210578	-117.541298		
5220	0	2	LASP	SHRUB				6/23/2011	VA	44.210481	-117.542183		
5221	250	1	KILL	SHRUB				6/23/2011	VA	44.238045	-117.560759		
5222	100	1	CONI	SHRUB				6/23/2011	A	44.238044	-117.560762		X
5223	500	1	CAQU	SHRUB				6/23/2011	A	44.238044	-117.560762		
5224	100	2	WEME	SHRUB				6/23/2011	A	44.238044	-117.560763		
5225	500	1	LASP	SHRUB				6/23/2011	A	44.237498	-117.559675		
5226	0	1	LONGNOSE LEOPARD LIZARD	SHRUB				6/23/2011	V	44.237159	-117.558128		
5227	100	1	BRSP	SHRUB				6/23/2011	A	44.236467	-117.557468		
5228	50	2	HOLA	SHRUB				6/23/2011	A	44.236468	-117.557469		
5229	0	1	LASP	SHRUB				6/23/2011	V	44.236443	-117.557462		
5230	100	3	WEME	SHRUB				6/23/2011	VA	44.235884	-117.557121		
5231	50	3	BRSP	SHRUB				6/23/2011	A	44.234785	-117.556710		
5233	100	2	HOLA	SHRUB				6/23/2011	A	44.234394	-117.556508		
5234	50	3	WEME	SHRUB				6/23/2011	VA	44.235218	-117.559279		
5235	100	1	LASP	SHRUB				6/23/2011	V	44.235953	-117.559223		
5236	200	2	CLSW	SHRUB				6/23/2011	A	44.237697	-117.561491		
5237	200	2	BUOR	SHRUB				6/23/2011	A	44.237697	-117.561492		
5238	100	3	WEME	SHRUB				6/23/2011	VA	44.236944	-117.563384		
5239	0	1	MODO	SHRUB				6/23/2011	V	44.236742	-117.564097		
5240	250	2	LASP	SHRUB				6/23/2011	A	44.236750	-117.564102		
5241	100	1	LAZB	RIPARIAN				6/23/2011	A	44.236826	-117.564335		
5242	1000	3	WEME	SHRUB				6/23/2011	A	44.237909	-117.576845		
5243	500	2	CONI	SHRUB				6/23/2011	A	44.237910	-117.576854		X
5244	1000	1	CORA	SHRUB				6/23/2011	A	44.237910	-117.576854		
5245	50	1	WHITE-TAILED JACKRABBIT	SHRUB				6/23/2011	V	44.235816	-117.578318		X
5245	200	3	WEME	SHRUB				6/23/2011	A	44.236901	-117.577800		
5246	200	3	WEME	SHRUB				6/23/2011	A	44.236090	-117.578323		
5247	300	2	WEME	SHRUB				6/23/2011	A	44.237602	-117.579258		
5248	50	2	LASP	SHRUB				6/23/2011	VA	44.237971	-117.579386		
5249	500	1	RTHA	SHRUB				6/23/2011	V	44.238928	-117.579893		
5250	250	2	WEME	SHRUB				6/23/2011	A	44.238928	-117.579893		
51	70	1	WHITE-TAILED DEER	GRASS				6/24/2011	V	45.491896	-118.600525		
147	500	2	KILL	GRASS				6/24/2011	VA	45.486329	-118.553913		
148	250	2	WEWP	FOREST				6/24/2011	A	45.486326	-118.553928		
158	200	1	CAFI	FOREST				6/24/2011	V	45.487758	-118.550762		

ID	DIST	QUANT	SPECIES	HABITAT	AGE	GENDER	PHOTO	DATE	OBSTYPE	LAT	LONG	COMMENTS	SSS
226	0	1	BRBL	GRASS				6/24/2011	V	45.493027	-118.729592		
289	500	1	WETA	SHRUB				6/24/2011	A	45.484807	-118.613762		
290	500	4	LAZB	SHRUB				6/24/2011	A	45.484810	-118.613765		
291	750	1	MULE DEER	SHRUB				6/24/2011	V	45.484817	-118.613661		
293	0	2	SPTO	SHRUB				6/24/2011	A	45.484831	-118.611259		
294	0	3	YWAR	SHRUB				6/24/2011	A	45.484833	-118.611259		
295	0	1	CHSP	SHRUB				6/24/2011	VA	45.484833	-118.611254		
296	150	1	WIWA	RIPARIAN				6/24/2011	V	45.484911	-118.610936		
300	0	2	HOLA	GRASS				6/24/2011	A	45.487231	-118.571117		
300	250	1	HOLA	GRASS				6/24/2011	A	45.492824	-118.748328		
301	50	1	GRSP	GRASS				6/24/2011	A	45.486922	-118.572677		X
301	250	1	WEME	GRASS				6/24/2011	AV	45.492883	-118.746984		
302	100	3	MULE DEER	GRASS		F		6/24/2011	V	45.492887	-118.746982		
303	100	1	WHITE-TAILED DEER	GRASS				6/24/2011	V	45.492886	-118.746980		
304	250	1	GRSP	GRASS				6/24/2011	AV	45.492677	-118.746385		X
305	80	1	noha	GRASS		M		6/24/2011	V	45.487317	-118.568181		
305	0	2	CLSW	GRASS				6/24/2011	V	45.492678	-118.746371		
306	100	1	GRSP	GRASS				6/24/2011	A	45.486524	-118.568163		X
306	250	1	GRSP	GRASS				6/24/2011	A	45.492673	-118.746377		X
307	150	2	GRSP	GRASS				6/24/2011	A	45.492705	-118.744182		X
308	0	1	SAVS	GRASS				6/24/2011	A	45.489343	-118.566236		
308	200	2	WEME	GRASS				6/24/2011	A	45.492706	-118.744185		
309	0	1	kill	GRASS				6/24/2011	av	45.489347	-118.565955		
310	0	2	WEME	GRASS				6/24/2011	A	45.489177	-118.565284		
310	200	18	MULE DEER	GRASS	6JUV	2M 10F		6/24/2011	V	45.492906	-118.740419		
311	50	3	MODO	GRASS				6/24/2011	av	45.488002	-118.560739		
311	0	2	WEME	GRASS				6/24/2011	AV	45.492907	-118.740418		
312	100	3	CHSP	FOREST				6/24/2011	AV	45.487574	-118.558986		
312	250	3	HOLA	GRASS				6/24/2011	A	45.492501	-118.737632		
313	0	2	AMRO	GRASS				6/24/2011	AV	45.487403	-118.558194		
314	50	4	mall	WETLAND				6/24/2011	AV	45.487191	-118.557275		
314	200	2	WEME	SHRUB				6/24/2011	A	45.492507	-118.737623		
315	80	2	WEWP	FOREST				6/24/2011		45.487188	-118.557271		
316	20	5	CHSP	FOREST				6/24/2011	AV	45.487034	-118.556646		
317	20	2	COLUMBIAN GROUND SQUIRREL	FOREST				6/24/2011	v	45.486701	-118.555248		
318	0	1	CORA	FOREST				6/24/2011	AV	45.486690	-118.555179		
319	50	2	WETA	FOREST				6/24/2011	A	45.486611	-118.554711		
320	0	1	AMRO	GRASS				6/24/2011	av	45.488384	-118.563828		
321	100	1	WEWP	FOREST				6/24/2011	AV	45.492099	-118.540569		
322	20	2	RECR	FOREST				6/24/2011	AV	45.492126	-118.540693		
323	0	1	AMRO	FOREST				6/24/2011	v	45.492119	-118.541969		
324	0	1	WEBL	FOREST				6/24/2011	v	45.492126	-118.541966		X
325	100	2	CHSP	FOREST				6/24/2011	A	45.491471	-118.542042		
325	100	4	MULE DEER	SHRUB		3F 1M		6/24/2011	V	45.493042	-118.729595		
326	400	2	WEME	GRASS				6/24/2011	A	45.492184	-118.542795		
327	0	2	CHSP	FOREST				6/24/2011	A	45.491653	-118.543865		
327	100	1	GRSP	GRASS				6/24/2011	A	45.492331	-118.726505		X
328	10	1	BTYW	FOREST				6/24/2011	AV	45.491566	-118.544155	BLACK-THROATED GRAY WARBLER	
328	200	1	EAKI	GRASS				6/24/2011	V	45.492329	-118.726500		
328	0	1	HOLA	GRASS				6/24/2011	V	45.492329	-118.726500		
329	20	1	WEWP	FOREST				6/24/2011	AV	45.491545	-118.544551		
329	0	1	GRSP	GRASS				6/24/2011	A	45.491952	-118.723993		X
329	100	3	HOLA	GRASS				6/24/2011	VA	45.492227	-118.725778		
330	30	2	AMRO	FOREST				6/24/2011	AV	45.491541	-118.544549		
330	500	2	WEME	GRASS				6/24/2011	A	45.492211	-118.725756		
331	0	1	BBMA	GRASS				6/24/2011	AV	45.491953	-118.723995		
331	50	1	CAFI	FOREST				6/24/2011	AV	45.503433	-118.521454		
332	250	3	WEME	GRASS				6/24/2011	A	45.491953	-118.723995		
332	60	1	WEWP	FOREST				6/24/2011	A	45.503426	-118.521476		
333	20	2	WHITE-TAILED DEER	FOREST				6/24/2011	v	45.502987	-118.521517		
335	250	6	LAZB	SHRUB				6/24/2011	AV	45.489089	-118.713913		
335	0	2	MULE DEER	SHRUB				6/24/2011	V	45.490220	-118.716874	DOE FAWN	
336	400	2	SPTO	SHRUB				6/24/2011	A	45.489099	-118.713901		
337	400	1	EAKI	SHRUB				6/24/2011	A	45.489092	-118.713911		
337	0	6	BBMA	SHRUB				6/24/2011	V	45.490215	-118.716864		
338	0	1	CONI	GRASS				6/24/2011	A	45.488400	-118.710201		X
338	500	1	WEME	GRASS				6/24/2011	A	45.489091	-118.713910		
338	0	2	WEWP	FOREST				6/24/2011	AV	45.502520	-118.521546		
339	250	2	WEME	GRASS				6/24/2011	A	45.487396	-118.704953		
339	100	2	GRSP	GRASS				6/24/2011	A	45.487397	-118.704954		X
339	750	1	RTHA	SHRUB				6/24/2011	V	45.488396	-118.710202		
339	100	3	CHSP	FOREST				6/24/2011	A	45.502515	-118.521547		
340	150	1	HOLA	GRASS				6/24/2011	V	45.487396	-118.704953		
340	250	1	VESP	GRASS				6/24/2011	A	45.487396	-118.704953		

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340	500	2	SPTO	SHRUB				6/24/2011	A	45.488402	-118.710191		
340	50	2	OCWA	RIPARIAN				6/24/2011	AV	45.501821	-118.521106		
341	50	1	VESP	GRASS				6/24/2011	V	45.488397	-118.710198		
341	0	1	AMRO	FOREST				6/24/2011	AV	45.501899	-118.521244		
342	30	1	PISI	FOREST				6/24/2011	A	45.502159	-118.521184		
343	250	1	WEME	GRASS				6/24/2011	V	45.486835	-118.700323		
343	0	1	RNEP	SHRUB				6/24/2011	A	45.488403	-118.710186		
343	200	1	RBNU	FOREST				6/24/2011	A	45.502166	-118.521186		X
344	300	1	GRSP	GRASS				6/24/2011	A	45.486835	-118.700325		X
344	250	1	CHSP	SHRUB				6/24/2011	A	45.488404	-118.710185		
344	0	7	DEJU	RIPARIAN				6/24/2011	av	45.502130	-118.521114		
345	250	1	HOLA	GRASS				6/24/2011	V	45.485001	-118.698642		
345	0	1	BCCH	FOREST				6/24/2011	A	45.501473	-118.521208		X
346	50	2	CHSP	FOREST				6/24/2011	A	45.498887	-118.525998		
347	70	1	BCCH	FOREST				6/24/2011	A	45.498906	-118.525993		X
348	0	1	NOFL	FOREST				6/24/2011	v	45.498905	-118.526006		X
349	0	17	ELK	FOREST	12 ADULT 5 JUV			6/24/2011	v	45.495507	-118.526325		X
350	80	1	DOWO	FOREST				6/24/2011	AV	45.495676	-118.526624		X
352	100	1	WEWP	FOREST				6/24/2011	A	45.494411	-118.523805		
353	150	1	CHSP	FOREST				6/24/2011	A	45.494385	-118.523804		
354	10	2	CHSP	FOREST				6/24/2011	AV	45.492248	-118.520858		
355	10	1	COLUMBIAN GROUND SQUIRREL	FOREST				6/24/2011	v	45.492082	-118.516509		
356	50	1	WEWP	FOREST				6/24/2011	A	45.492104	-118.516487		
357	0	2	CAVI	FOREST				6/24/2011	AV	45.492089	-118.516491		
358	0	1	DUFL	FOREST				6/24/2011	AV	45.489106	-118.496091		
358	0	1	AMRO	FOREST				6/24/2011	AV	45.491996	-118.515493		
359	10	1	CHSP	FOREST				6/24/2011	A	45.489066	-118.495233		
359	10	3	CHSP	FOREST				6/24/2011	AV	45.492019	-118.511697		
360	0	2	DEJU	FOREST				6/24/2011	AV	45.488897	-118.494584		
360	100	1	NOFL	FOREST				6/24/2011	A	45.491472	-118.509351		X
361	10	1	RBNU	FOREST				6/24/2011	A	45.488988	-118.494758		X
361	10	1	DEER MOUSE	FOREST				6/24/2011	v	45.490955	-118.508521	CARCASS	
362	20	1	RBNU	FOREST				6/24/2011	A	45.490950	-118.508460		X
365	0	1	NOFL	FOREST				6/24/2011	v	45.489260	-118.496826		X
366	0	1	DEJU	FOREST				6/24/2011	AV	45.489241	-118.496178		
5300	100	2	WEWP	RIPARIAN				6/24/2011	VA	44.347543	-117.355042		
5301	50	1	WETA	RIPARIAN				6/24/2011	A	44.347544	-117.355042		
5302	0	4	LAZB	RIPARIAN				6/24/2011	VA	44.347544	-117.355042		
5303	0	4	RWBL	RIPARIAN				6/24/2011	VA	44.347543	-117.355042		
5304	0	2	BHCO	RIPARIAN				6/24/2011	A	44.347543	-117.355043		
5304	0	2	RTHA	RIPARIAN				6/24/2011	VA	44.347543	-117.355042		
5305	50	1	SOSP	RIPARIAN				6/24/2011	A	44.347544	-117.355039		
5306	0	1	WEME	SHRUB				6/24/2011	A	44.347544	-117.355039		
5308	200	1	LASP	SHRUB				6/24/2011	A	44.347550	-117.355033		
5309	0	1	YWAR	RIPARIAN				6/24/2011	A	44.347545	-117.355037		
5310	0	2	BUOR	RIPARIAN				6/24/2011	VA	44.347546	-117.355036		
5310	0	20	BUOR	RIPARIAN				6/24/2011	VA	44.347546	-117.355036		
5311	200	3	LASP	SHRUB				6/24/2011	A	44.346380	-117.355232		
5312	0	5	BRBL	SHRUB				6/24/2011	VA	44.345348	-117.355022		
5313	0	1	CHSP	SHRUB				6/24/2011	V	44.344320	-117.354950		
5314	50	1	BUOR	SHRUB				6/24/2011	V	44.344001	-117.354875		
5315	300	1	ROWR	SHRUB				6/24/2011	A	44.343826	-117.354878		
5316	0	1	LAZB	SHRUB				6/24/2011	V	44.342298	-117.355033		
5317	100	5	BRBL	SHRUB				6/24/2011	VA	44.342300	-117.355031		
5318	100	1	MULE DEER	SHRUB				6/24/2011	V	44.339986	-117.355917		
5319	0	3	LAZB	RIPARIAN				6/24/2011	VA	44.339986	-117.355916		
5320	0	2	LASP	SHRUB				6/24/2011	V	44.339425	-117.356321		
5321	0	1	DUGR	RIPARIAN				6/24/2011	VA	44.339309	-117.356389		
5322	0	1	LAZB	RIPARIAN				6/24/2011	A	44.338612	-117.356921		
5323	0	1	BHCO	SHRUB				6/24/2011	VA	44.336189	-117.357631		
5324	100	3	WEME	SHRUB				6/24/2011	VA	44.336189	-117.357632		
5325	500	1	LASP	SHRUB				6/24/2011	A	44.336188	-117.357635		
5326	250	1	HOLA	GRASS				6/24/2011	A	44.335981	-117.357601		
5327	250	2	WEKI	GRASS				6/24/2011	V	44.335733	-117.357516		
5328	100	1	BRSP	SHRUB STEPPE				6/24/2011	A	44.335342	-117.357338		
5329	0	1	LASP	SHRUB STEPPE				6/24/2011	V	44.335138	-117.357224		
5330	250	1	BRSP	SHRUB STEPPE				6/24/2011	A	44.334430	-117.356695		
5331	0	2	LASP	SHRUB STEPPE				6/24/2011	V	44.334431	-117.356696		
5332	100	3	WEME	SHRUB STEPPE				6/24/2011	VA	44.334431	-117.356696		
5333	200	2	HOLA	GRASS				6/24/2011	A	44.334432	-117.356696		
5334	1500	1	CORA	GRASS				6/24/2011	V	44.334433	-117.356696		
5335	500	2	SWHA	SHRUB STEPPE				6/24/2011	V	44.332617	-117.355216		X
5336	100	2	HOLA	GRASS				6/24/2011	A	44.332618	-117.355215		
5336	100	20	HOLA	GRASS				6/24/2011	A	44.332618	-117.355215		

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5337	500	2	WEME	SHRUB STEPPE				6/24/2011	A	44.332618	-117.355214		
5338	500	1	BUOR	SHRUB STEPPE				6/24/2011	V	44.331791	-117.354475		
5339	200	2	BRSP	SHRUB STEPPE				6/24/2011	A	44.331787	-117.354479		
5340	50	4	VESP	GRASS				6/24/2011	VA	44.332217	-117.354352		
5341	100	3	PRONGHORN ANTELOPE	GRASS				6/24/2011	V	44.331455	-117.354215		
5342	100	4	WEME	SHRUB				6/24/2011	A	44.327533	-117.355511		
5343	100	1	FEHA	SHRUB				6/24/2011	V	44.327076	-117.357142		X
5344	200	3	WEME	SHRUB				6/24/2011	A	44.327064	-117.357151		
5345	0	2	RWBL	SHRUB				6/24/2011	VA	44.326993	-117.357603		
5346	250	2	VESP	SHRUB				6/24/2011	A	44.327021	-117.357909		
5347	50	4	CHUK	SHRUB				6/24/2011	A	44.326291	-117.359105		
5348	0	2	VESP	SHRUB				6/24/2011	VA	44.325232	-117.359014		
5349	100	2	LAZB	SHRUB				6/24/2011	A	44.325224	-117.359024		
5350	250	2	WEME	SHRUB				6/24/2011	A	44.325819	-117.359377		
5351	200	2	HOLA	SHRUB				6/24/2011	A	44.314105	-117.382856		
5352	300	2	VESP	SHRUB				6/24/2011	A	44.314104	-117.382855		
5353	250	2	WEME	SHRUB				6/24/2011	A	44.314104	-117.382855		
5354	200	2	HOLA	SHRUB				6/24/2011	A	44.314927	-117.381879		
5355	500	1	WEME	SHRUB				6/24/2011	A	44.314929	-117.381882		
5356	50	3	HOLA	SHRUB				6/24/2011	AV	44.315611	-117.380471		
5357	500	2	WEME	SHRUB				6/24/2011	A	44.315607	-117.380473		
5358	100	2	HOLA	SHRUB				6/24/2011	VA	44.315680	-117.378741		
5359	100	4	HOLA	GRASS				6/24/2011	A	44.330993	-117.353806		
5360	500	2	WEME	GRASS				6/24/2011	A	44.330992	-117.353807		
5361	200	1	WEME	GRASS				6/24/2011	V	44.329836	-117.352529		
5362	100	1	BHGR	GRASS				6/24/2011	A	44.337133	-117.338946		
5363	250	2	WEME	GRASS				6/24/2011	A	44.337144	-117.338955		
5364	300	2	HOLA	GRASS				6/24/2011	A	44.337412	-117.340061		
5365	100	2	VESP	GRASS				6/24/2011	VA	44.337414	-117.340059		
5366	500	1	RWBL	GRASS				6/24/2011	A	44.337414	-117.340059		
5367	0	1	MULE DEER	GRASS				6/24/2011	V	44.337552	-117.340354	FAWN	
5368	0	1	RTHA	GRASS				6/24/2011	V	44.338071	-117.341105		
5369	300	1	BHGR	RIPARIAN				6/24/2011	A	44.338351	-117.341141		
5370	100	1	VESP	GRASS				6/24/2011	A	44.338361	-117.341147		
5371	200	2	HOLA	GRASS				6/24/2011	A	44.338350	-117.341141		
5372	500	1	LAZB	RIPARIAN				6/24/2011	A	44.338559	-117.341056		
5373	300	3	RWBL	RIPARIAN				6/24/2011	AV	44.338550	-117.341052		
5374	50	1	WEME	GRASS				6/24/2011	VA	44.339769	-117.341197		
5375	250	2	VESP	GRASS				6/24/2011	A	44.339772	-117.341199		
5376	300	1	BHGR	GRASS				6/24/2011	A	44.339773	-117.341199		
5377	100	2	HOLA	GRASS				6/24/2011	A	44.339774	-117.341200		
5378	50	6	HOLA	GRASS				6/24/2011	VA	44.340580	-117.340088		
5379	750	1	RTHA	GRASS				6/24/2011	VA	44.340581	-117.340088		
5380	50	1	ROWR	GRASS				6/24/2011	V	44.340311	-117.339202		
106	30	2	GRSP	GRASS				6/25/2011	AV	45.482988	-118.695352		X
164	1500	1	COYOTE	FOREST				6/25/2011	A	45.490277	-118.547059		
165	200	2	WETA	FOREST				6/25/2011	A	45.490652	-118.546924		
167	200	3	CHSP	FOREST				6/25/2011	A	45.490856	-118.546043		
168	0	2	WEBL	FOREST				6/25/2011	V	45.490649	-118.546216		X
169	100	1	WEWP	FOREST				6/25/2011	A	45.490647	-118.546211		
170	200	0	WITU	FOREST				6/25/2011	FEATHER	45.491413	-118.544896		
171	750	1	WITU	FOREST				6/25/2011	A	45.491421	-118.544901		
400	400	1	CORA	FOREST				6/25/2011	A	45.482949	-118.474129		
400	150	1	HOWR	FOREST				6/25/2011	A	45.490930	-118.544988		
401	250	4	RECR	FOREST				6/25/2011	AV	45.490922	-118.544976		
402	60	1	RBNU	FOREST				6/25/2011	A	45.482964	-118.474087		X
402	0	1	NOGO	FOREST				6/25/2011	AV	45.490699	-118.544982		X
403	0	1	NOFL	FOREST				6/25/2011	A	45.490732	-118.544968		X
404	80	2	NOFL	FOREST				6/25/2011	A	45.482715	-118.474512		X
404	0	1	VIREO	FOREST				6/25/2011	V	45.490822	-118.545148		
405	60	2	CHSP	FOREST				6/25/2011	A	45.482694	-118.474555		
405	200	3	AMRO	FOREST				6/25/2011	AV	45.490820	-118.545153		
405	250	1	PYNU	FOREST				6/25/2011	AV	45.491314	-118.545314		X
406	200	3	BCCH	FOREST				6/25/2011	A	45.482668	-118.474587		X
406	0	2	BHCO	FOREST				6/25/2011	AV	45.490698	-118.544271		
406	200	4	WEWP	FOREST				6/25/2011	A	45.490820	-118.545142		
407	150	2	RCKI	FOREST				6/25/2011	A	45.482540	-118.474757		
407	400	1	WEME	GRASS				6/25/2011	A	45.490728	-118.544265		
408	10	8	DEJU	FOREST				6/25/2011	AV	45.483205	-118.477492		
408	400	1	TUVU	FOREST				6/25/2011	V	45.490723	-118.544257		
409	0	2	AMRO	FOREST				6/25/2011	AV	45.483398	-118.478321		
409	0	2	CHSP	FOREST				6/25/2011	AV	45.490723	-118.544268		
410	200	3	RBNU	FOREST				6/25/2011	A	45.483414	-118.478329		X
410	200	4	AMRO	FOREST				6/25/2011	V	45.491183	-118.542077		
410	100	3	WEBL	FOREST				6/25/2011	V	45.491511	-118.543714		X

ID	DIST	QUANT	SPECIES	HABITAT	AGE	GENDER	PHOTO	DATE	OBSTYPE	LAT	LONG	COMMENTS	SSS
411	30	2	WEWP	FOREST				6/25/2011	AV	45.484077	-118.483824		
411	500	1	MOCH	FOREST				6/25/2011	A	45.491186	-118.542079		X
412	10	3	CHSP	FOREST				6/25/2011	AV	45.484042	-118.484077		
413	20	2	WHITE-TAILED DEER	FOREST				6/25/2011	V	45.484052	-118.484070		
413	100	2	WETA	FOREST				6/25/2011	AV	45.490996	-118.540136		
414	60	1	WETA	FOREST				6/25/2011	A	45.484048	-118.484073		
414	200	2	WEWP	FOREST				6/25/2011	A	45.490996	-118.540142		
415	150	4	CHSP	FOREST				6/25/2011	AV	45.490996	-118.540144		
416	0	2	AMRO	FOREST				6/25/2011	AV	45.484053	-118.484113		
416	0	1	RBNU	FOREST				6/25/2011	A	45.490998	-118.540107		X
417	0	2	BCCH	FOREST				6/25/2011	AV	45.484058	-118.484105		X
418	0	3	COLUMBIAN GROUND SQUIRREL	FOREST				6/25/2011	AV	45.482219	-118.461792		
418	200	1	LASP	FOREST				6/25/2011	A	45.490872	-118.539859		
419	10	2	CHSP	FOREST				6/25/2011	A	45.482219	-118.461794		
419	150	1	WEBL	FOREST				6/25/2011	V	45.490428	-118.539259		X
419	50	2	YRWA	FOREST				6/25/2011	AV	45.490862	-118.539847		
420	60	2	AMRO	FOREST				6/25/2011	A	45.482219	-118.461795		
420	250	1	WEME	FOREST				6/25/2011	A	45.490992	-118.536726		
421	0	2	GHOW	FOREST				6/25/2011	V	45.481014	-118.464216	FLEDGLING	
421	150	6	CHSP	FOREST				6/25/2011	A	45.490993	-118.536723		
421	0	1	NOFL	FOREST				6/25/2011	V	45.491001	-118.536700		X
422	20	1	OSFL	FOREST				6/25/2011	AV	45.481007	-118.464219		X
422	0	1	TUVU	FOREST				6/25/2011	V	45.490933	-118.534959		
423	50	3	BCCH	FOREST				6/25/2011	A	45.481011	-118.464215		X
423	150	3	WEWP	FOREST				6/25/2011	A	45.490940	-118.532960		
424	70	2	RCKI	FOREST				6/25/2011	A	45.481012	-118.464214		
424	100	2	DUFL	FOREST				6/25/2011	A	45.490936	-118.532926		
425	100	2	WEWP	FOREST				6/25/2011	A	45.480975	-118.464293		
425	0	3	AMRO	FOREST				6/25/2011	V	45.490739	-118.528450		
425	100	3	CHSP	FOREST				6/25/2011	AV	45.490972	-118.531948		
426	100	1	RBNU	FOREST				6/25/2011	A	45.480817	-118.464539		X
426	500	1	WETA	FOREST				6/25/2011	A	45.490739	-118.528451		
427	500	1	PIWO	FOREST				6/25/2011	A	45.480817	-118.464540		X
427	0	1	YRWA	FOREST				6/25/2011	A	45.490739	-118.528450		
428	30	4	RCKI	FOREST				6/25/2011	AV	45.482136	-118.459586		
428	150	2	CHSP	FOREST				6/25/2011	VA	45.490739	-118.528450		
428	400	1	OCWA	FOREST				6/25/2011	A	45.490739	-118.528450		
429	30	2	CHSP	FOREST				6/25/2011	A	45.481405	-118.457839		
429	150	2	CHSP	FOREST				6/25/2011	A	45.490293	-118.519302		
429	100	1	WETA	FOREST				6/25/2011	A	45.491175	-118.521402		
430	70	1	PIWO	FOREST				6/25/2011	A	45.481226	-118.457582		X
430	50	1	YRWA	FOREST				6/25/2011	A	45.490287	-118.519300		
431	10	1	COLUMBIAN GROUND SQUIRREL	FOREST				6/25/2011	V	45.481242	-118.457600		
431	0	1	AMRO	FOREST				6/25/2011	AV	45.490236	-118.519283		
432	30	1	RBNU	FOREST				6/25/2011	A	45.480471	-118.456543		X
432	200	1	MOCH	FOREST				6/25/2011	A	45.490255	-118.519091		X
433	40	1	WETA	FOREST				6/25/2011	A	45.480469	-118.456552		
433	50	1	RCKI	FOREST				6/25/2011	A	45.490956	-118.518334		
434	30	1	CHSP	FOREST				6/25/2011	A	45.480148	-118.455286		
434	250	1	WETA	FOREST				6/25/2011	A	45.490957	-118.518345		
435	40	3	YRWA	FOREST				6/25/2011	AV	45.479864	-118.454499		
436	40	1	TUVU	FOREST				6/25/2011	V	45.479825	-118.454588		
436	100	1	OCWA	FOREST				6/25/2011	AV	45.490961	-118.518350		
437	0	2	BCCH	FOREST				6/25/2011	AV	45.476886	-118.453466		X
438	0	2	RTHA	FOREST				6/25/2011	AV	45.476885	-118.453467		
438	400	1	WEWP	FOREST				6/25/2011	A	45.490863	-118.516352		
439	0	1	COLUMBIAN GROUND SQUIRREL	FOREST				6/25/2011	AV	45.477487	-118.435750		
439	100	1	OCWA	FOREST				6/25/2011	A	45.490517	-118.515460		
440	40	2	RCKI	FOREST				6/25/2011	A	45.477014	-118.435833		
440	250	1	WETA	FOREST				6/25/2011	A	45.490523	-118.515455		
441	40	1	CHSP	FOREST				6/25/2011	A	45.476997	-118.435853		
441	100	2	MOCH	FOREST				6/25/2011	A	45.490510	-118.515489		X
442	30	2	YRWA	FOREST				6/25/2011	A	45.476997	-118.435853		
442	0	1	NOFL	FOREST				6/25/2011	V	45.490499	-118.515468		X
443	40	1	RBNU	FOREST				6/25/2011	A	45.475888	-118.436825		X
444	30	1	RCKI	FOREST				6/25/2011	A	45.475846	-118.436819		
444	150	2	YRWA	FOREST				6/25/2011	A	45.490440	-118.511585		
445	30	1	OCWA	FOREST				6/25/2011	A	45.474501	-118.436806		
445	200	2	WETA	FOREST				6/25/2011	A	45.490419	-118.511590		
446	40	1	CHSP	FOREST				6/25/2011	A	45.474522	-118.436868		
446	0	1	CONI	FOREST				6/25/2011	V	45.490427	-118.511589		X
447	100	2	DUFL	FOREST				6/25/2011	AV	45.489782	-118.507587		

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447	250	1	OCWA	FOREST				6/25/2011	A	45.490221	-118.509589		
447	150	1	RCKI	FOREST				6/25/2011	A	45.490435	-118.511525		
448	0	2	PYNU	FOREST				6/25/2011	A	45.489770	-118.507599		X
448	200	1	WEWP	FOREST				6/25/2011	A	45.490234	-118.509551		
449	30	2	CHSP	FOREST				6/25/2011	A	45.472870	-118.435864		
449	250	2	RCKI	FOREST				6/25/2011	A	45.489770	-118.507598		
449	250	2	WETA	FOREST				6/25/2011	A	45.490238	-118.509548		
450	40	1	DUFL	FOREST				6/25/2011	A	45.470032	-118.437293		
450	100	1	CHIPMUNK	FOREST				6/25/2011	V	45.489776	-118.507595		
451	50	1	CHSP	FOREST				6/25/2011	A	45.470032	-118.437293		
451	250	1	RBNU	FOREST				6/25/2011	A	45.490325	-118.506512		X
452	70	1	RBNU	FOREST				6/25/2011	A	45.464099	-118.436009		X
452	200	2	CHSP	FOREST				6/25/2011	A	45.490232	-118.506667		
453	100	1	BCCH	FOREST				6/25/2011	A	45.464071	-118.435982		X
453	0	2	RECR	FOREST				6/25/2011	A	45.489876	-118.506705		
455	0	2	AMRO	FOREST				6/25/2011	AV	45.460747	-118.438494		
455	500	1	CORA	FOREST				6/25/2011	A	45.489185	-118.504549		
456	0	2	CHSP	FOREST				6/25/2011	AV	45.459834	-118.437224		
456	250	2	OCWA	FOREST				6/25/2011	A	45.489598	-118.504356		
457	0	1	BCCH	FOREST				6/25/2011	A	45.460082	-118.435220		X
458	100	1	RCKI	FOREST				6/25/2011	A	45.460086	-118.435222		
458	200	1	HETH	FOREST				6/25/2011	A	45.460090	-118.435225		
458	200	1	MOCH	FOREST				6/25/2011	A	45.489473	-118.502363		X
459	0	1	DUFL	FOREST				6/25/2011	A	45.458771	-118.439560		
460	750	1	RTHA	FOREST				6/25/2011	V	45.459247	-118.441162		
460	0	2	YRWA	FOREST				6/25/2011	AV	45.488408	-118.499415		
461	0	1	CHSP	FOREST				6/25/2011	A	45.459239	-118.441164		
461	0	1	MGWA	FOREST				6/25/2011	V	45.488413	-118.499397		
462	0	1	RBNU	FOREST				6/25/2011	A	45.459926	-118.441503		X
462	0	4	HOFI	FOREST				6/25/2011	AV	45.488411	-118.499399		
463	0	2	CHSP	FOREST				6/25/2011	A	45.460156	-118.443068		
463	0	1	WETA	FOREST				6/25/2011	A	45.488412	-118.499399		
464	0	2	MOBL	FOREST		1M 1F		6/25/2011	V	45.461296	-118.440355		
464	0	2	CHSP	FOREST				6/25/2011	AV	45.488417	-118.499388		
465	0	3	AMRO	FOREST				6/25/2011	AV	45.460727	-118.440011		
466	0	1	CHSP	FOREST				6/25/2011	V	45.460726	-118.440013		
467	10	1	RBNU	FOREST				6/25/2011	AV	45.464021	-118.444728		X
468	20	1	CHSP	FOREST				6/25/2011	A	45.464293	-118.444693		
468	0	1	OCWA	FOREST				6/25/2011	AV	45.488397	-118.499400		
468	0	2	RECR	FOREST				6/25/2011	A	45.488418	-118.499393		
469	20	1	COLUMBIAN GROUND SQUIRREL	FOREST				6/25/2011	AV	45.465295	-118.444061		
469	0	1	WEWP	FOREST				6/25/2011	A	45.488263	-118.498312		
470	50	1	PISI	FOREST				6/25/2011	A	45.466048	-118.442952		
470	0	1	RBNU	FOREST				6/25/2011	A	45.488196	-118.498697		X
471	40	1	DUFL	FOREST				6/25/2011	A	45.466057	-118.442910		
471	0	1	NOFL	FOREST				6/25/2011	AV	45.488183	-118.498682		X
471	0	5	RECR	FOREST				6/25/2011	AV	45.488186	-118.498691		
472	30	1	CHSP	FOREST				6/25/2011	A	45.466057	-118.442912		
473	70	1	RCKI	FOREST				6/25/2011	A	45.467055	-118.441243		
473	50	1	BCCH	FOREST				6/25/2011	A	45.488083	-118.498103		X
474	40	1	RBNU	FOREST				6/25/2011	A	45.467094	-118.441203		X
474	50	3	WEWP	FOREST				6/25/2011	AV	45.488018	-118.496933		
475	30	2	BCCH	FOREST				6/25/2011	A	45.467096	-118.441227		X
475	0	2	BCCH	FOREST				6/25/2011	AV	45.487999	-118.496902		X
476	40	2	PISI	FOREST				6/25/2011	A	45.467866	-118.440959		
476	50	1	TOWA	FOREST				6/25/2011	V	45.487929	-118.496622		
477	10	1	YRWA	FOREST				6/25/2011	A	45.469831	-118.444788		
477	500	1	HETH	FOREST				6/25/2011	A	45.487662	-118.493575		
478	10	1	HETH	FOREST				6/25/2011	A	45.469787	-118.444704		
478	250	1	WETA	FOREST				6/25/2011	A	45.487664	-118.493577		
479	0	1	TERRESTRIAL GARTER SNAKE	RIPARIAN				6/25/2011	V	45.469783	-118.444680		
479	50	1	NOFL	FOREST				6/25/2011	V	45.487673	-118.493562		X
479	50	1	MOCH	FOREST				6/25/2011	A	45.487684	-118.493621		X
480	0	2	CORA	FOREST				6/25/2011	AV	45.470208	-118.445022		
480	200	1	PISI	FOREST				6/25/2011	A	45.486545	-118.487647		
480	200	1	OCWA	FOREST				6/25/2011	A	45.487666	-118.493579		
481	70	2	PISI	FOREST				6/25/2011	A	45.470204	-118.445026		
481	50	1	WETA	FOREST				6/25/2011	A	45.486579	-118.487421		
481	100	1	WEWP	FOREST				6/25/2011	A	45.487665	-118.493586		
482	100	1	SQUIRREL	FOREST				6/25/2011	A	45.486370	-118.486631		
486	200	1	CHSP	FOREST				6/25/2011	A	45.486036	-118.481647		
487	50	1	SQUIRREL	FOREST				6/25/2011	A	45.486052	-118.481375		
487	500	1	RCKI	FOREST				6/25/2011	A	45.486057	-118.481652		

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488	100	1	HOWR	FOREST				6/25/2011	A	45.486038	-118.481375		
489	100	3	RECR	FOREST				6/25/2011	A	45.485299	-118.478956		
490	150	1	CHSP	FOREST				6/25/2011	V	45.485333	-118.478913		
491	200	1	AMRO	FOREST				6/25/2011	V	45.484381	-118.476610		
491	50	1	YRWA	FOREST				6/25/2011	V	45.484861	-118.477114		
492	200	1	TOWA	FOREST				6/25/2011	V	45.484437	-118.476572		
492	200	1	WETA	FOREST				6/25/2011	A	45.484441	-118.476571		
493	200	1	NOFL	FOREST				6/25/2011	A	45.484402	-118.476585		X
494	200	1	DEJU	FOREST				6/25/2011	V	45.484477	-118.476560		
495	250	1	RBNU	FOREST				6/25/2011	A	45.484472	-118.476558		X
495	50	2	WETA	FOREST				6/25/2011	V	45.484934	-118.475668		
496	50	3	CHSP	FOREST				6/25/2011	A	45.484606	-118.475022		
497	250	1	YRWA	FOREST				6/25/2011	A	45.484312	-118.473677		
499	0	1	CORA	FOREST				6/25/2011	AV	45.483774	-118.473106		
500	50	2	CHSP	FOREST				6/25/2011	AV	45.483835	-118.473111		
501	500	2	WEWP	FOREST				6/25/2011	A	45.484099	-118.473172		
502	50	2	DEJU	FOREST				6/25/2011	AV	45.481270	-118.468990		
502	500	1	RCKI	FOREST				6/25/2011	A	45.482240	-118.470978		
503	0	3	PISI	FOREST				6/25/2011	VA	45.481326	-118.468675		
503	250	1	WEWP	FOREST				6/25/2011	A	45.481336	-118.468904		
503	50	1	WETA	FOREST				6/25/2011	V	45.481412	-118.468623		
504	50	1	YRWA	FOREST				6/25/2011	AV	45.481224	-118.467177		
504	200	1	RCKI	FOREST				6/25/2011	A	45.481372	-118.468692		
505	50	1	MOCH	FOREST				6/25/2011	A	45.481206	-118.467205		X
506	100	2	BCCH	FOREST				6/25/2011	A	45.481021	-118.466589		X
507	0	1	RTHA	FOREST				6/25/2011	V	45.480705	-118.466579		
507	250	1	CHSP	FOREST				6/25/2011	A	45.481009	-118.466606		
508	250	2	WISA	FOREST				6/25/2011	AV	45.479571	-118.464400		X
510	0	1	WESTERN TOAD	FOREST				6/25/2011	V	45.479626	-118.464596		
511	0	1	DUFL	FOREST				6/25/2011	AV	45.475739	-118.454759		
512	50	1	WESTERN TOAD	FOREST				6/25/2011	V	45.476814	-118.457217		
514	0	1	RTHA	FOREST				6/25/2011	A	45.475740	-118.454851		
515	250	1	WISA	FOREST				6/25/2011	A	45.471870	-118.446157		X
518	400	1	OCWA	FOREST				6/25/2011	A	45.475006	-118.453778		
519	50	1	WISA	FOREST				6/25/2011	V	45.473659	-118.450197		X
520	0	1	CORA	FOREST				6/25/2011	V	45.473576	-118.450074		
521	100	1	NOFL	FOREST				6/25/2011	A	45.472026	-118.446849		X
522	50	1	WETA	FOREST				6/25/2011	A	45.471875	-118.446164		
522	0	1	CORA	FOREST				6/25/2011	AV	45.472073	-118.446895		
525	100	1	RCKI	FOREST				6/25/2011	A	45.470852	-118.444558		
526	250	1	OSFL	FOREST				6/25/2011	A	45.470831	-118.444537		X
5400	50	1	LAZB	SHRUB				6/25/2011	A	44.313187	-117.385015		
5401	500	1	ROWR	SHRUB				6/25/2011	A	44.313191	-117.385015		
5402	250	3	WEME	SHRUB				6/25/2011	A	44.313174	-117.385005		
5403	100	1	ROWR	SHRUB				6/25/2011	A	44.312903	-117.386411		
5404	500	1	CHUK	SHRUB				6/25/2011	A	44.312903	-117.386411		
5405	250	1	LAZB	SHRUB				6/25/2011	A	44.312818	-117.386833		
5406	250	1	VESP	SHRUB				6/25/2011	A	44.312816	-117.386836		
5407	500	2	CHUK	SHRUB				6/25/2011	A	44.312815	-117.386837		
5408	2500	10	AMRO	SHRUB				6/25/2011	V	44.312815	-117.386850		
5409	50	1	SPTO	SHRUB				6/25/2011	V	44.312720	-117.388098		
5410	100	10	CAQU	SHRUB				6/25/2011	A	44.312713	-117.388106		
5411	100	1	BUOR	SHRUB				6/25/2011	A	44.312716	-117.388101		
5412	100	1	LAZB	SHRUB				6/25/2011	A	44.312658	-117.388391		
5413	100	4	WEME	SHRUB				6/25/2011	VA	44.312652	-117.388398		
5414	200	1	SPTO	SHRUB				6/25/2011	A	44.312598	-117.389187		
5415	100	3	LAZB	SHRUB				6/25/2011	A	44.312619	-117.389619		
5416	100	2	SPTO	SHRUB				6/25/2011	A	44.313096	-117.390411		
5417	500	2	ROWR	SHRUB				6/25/2011	A	44.313099	-117.390413		
5418	750	1	CHUK	SHRUB				6/25/2011	A	44.313099	-117.390412		
5419	50	1	BRSP	SHRUB STEPPE				6/25/2011	A	44.313068	-117.390654		
5420	50	5	LASP	SHRUB STEPPE				6/25/2011	VA	44.313314	-117.390703		
5421	100	3	LAZB	SHRUB STEPPE				6/25/2011	AV	44.313903	-117.391812		
5422	0	1	GRAP	SHRUB STEPPE				6/25/2011	VA	44.313994	-117.392110		
5423	100	2	SPTO	SHRUB STEPPE				6/25/2011	A	44.313993	-117.392107		
5424	200	1	AMRO	SHRUB STEPPE				6/25/2011	VA	44.313993	-117.392107		
5425	200	3	WEME	SHRUB STEPPE				6/25/2011	A	44.313993	-117.392110		
5426	0	1	BRBL	SHRUB STEPPE				6/25/2011	VA	44.314791	-117.392735		
5427	50	2	SPTO	SHRUB STEPPE				6/25/2011	A	44.315101	-117.392960		
5428	100	3	WEME	SHRUB STEPPE				6/25/2011	VA	44.315102	-117.392962		
5429	500	2	ROWR	SHRUB STEPPE				6/25/2011	A	44.314809	-117.393142		
5430	0	5	BRBL	SHRUB STEPPE				6/25/2011	VA	44.314517	-117.393284		
5431	0	2	AMRO	SHRUB STEPPE				6/25/2011	VA	44.314516	-117.393283		
5432	200	2	LASP	SHRUB STEPPE				6/25/2011	A	44.314514	-117.393283		
5433	100	2	LAZB	SHRUB STEPPE				6/25/2011	VA	44.314516	-117.393280		

ID	DIST	QUANT	SPECIES	HABITAT	AGE	GENDER	PHOTO	DATE	OBSTYPE	LAT	LONG	COMMENTS	SSS
5434	0	1	LASP	SHRUB STEPPE				6/25/2011	V	44.313576	-117.393721		
5435	100	1	SPTO	SHRUB STEPPE				6/25/2011	A	44.313573	-117.393721		
5435	0	2	LAZB	SHRUB STEPPE				6/25/2011	A	44.313574	-117.393722		
5436	750	1	CORA	SHRUB STEPPE				6/25/2011	V	44.313575	-117.393721		
5437	50	3	LAZB	SHRUB				6/25/2011	VA	44.311565	-117.392905		
5438	0	2	CORA	SHRUB				6/25/2011	VA	44.311565	-117.392904		
5439	500	2	ROWR	SHRUB				6/25/2011	A	44.311563	-117.392905		
5440	0	1	CHUK	SHRUB				6/25/2011	VA	44.311562	-117.392906		
5441	0	1	CLSW	SHRUB				6/25/2011	V	44.311562	-117.392907		
5442	200	3	LAZB	SHRUB				6/25/2011	A	44.310561	-117.392433		
5443	250	3	WEME	SHRUB				6/25/2011	A	44.310561	-117.392433		
5444	100	2	LASP	SHRUB				6/25/2011	A	44.309149	-117.392938		
5445	750	2	CORA	SHRUB				6/25/2011	V	44.309148	-117.392938		
5446	50	2	CHUK	SHRUB				6/25/2011	V	44.309146	-117.392940		
5447	250	3	WEME	SHRUB				6/25/2011	VA	44.309146	-117.392941		
5448	500	2	ROWR	SHRUB				6/25/2011	A	44.309154	-117.392938		
5449	250	2	LAZB	SHRUB				6/25/2011	A	44.309154	-117.392939		
5450	50	1	LASP	SHRUB				6/25/2011	V	44.309147	-117.392937		
5451	0	2	COPO	SHRUB				6/25/2011	V	44.308633	-117.393134		
5452	100	1	VESP	SHRUB				6/25/2011	VA	44.308763	-117.395724		
5453	500	2	ROWR	SHRUB				6/25/2011	A	44.308762	-117.395722		
5454	300	1	HOLA	SHRUB				6/25/2011	A	44.308492	-117.395945		
5455	500	2	WEME	SHRUB				6/25/2011	A	44.308488	-117.395944		
5456	0	3	WESTERN FENCE LIZARD	SHRUB				6/25/2011	V	44.308151	-117.396888		
5457	0	1	SWHA	SHRUB				6/25/2011	V	44.307999	-117.397415		X
5458	200	1	VESP	SHRUB				6/25/2011	A	44.307988	-117.397412		
5459	250	1	LAZB	SHRUB				6/25/2011	A	44.307987	-117.397413		
5460	100	1	LASP	SHRUB				6/25/2011	A	44.307987	-117.397413		
5461	0	1	CONI	SHRUB				6/25/2011	VA	44.308458	-117.398318		X
5462	300	1	ROWR	SHRUB				6/25/2011	A	44.308403	-117.398716		
5463	50	1	VESP	SHRUB				6/25/2011	V	44.308510	-117.399877		
5464	50	1	ROWR	SHRUB				6/25/2011	VA	44.308767	-117.400259		
5465	100	1	VESP	SHRUB				6/25/2011	A	44.309036	-117.400612		
5465	0	2	HOLA	SHRUB				6/25/2011	V	44.309583	-117.401389		
5466	500	1	SWHA	SHRUB				6/25/2011	V	44.309673	-117.401702		X
5467	50	1	HOLA	SHRUB				6/25/2011	V	44.309949	-117.403409		
5468	500	1	VESP	SHRUB				6/25/2011	A	44.309950	-117.403408		
5469	50	6	HOLA	SHRUB				6/25/2011	VA	44.310539	-117.405314		
5470	1000	2	COYOTE	SHRUB STEPPE				6/25/2011	V	44.309692	-117.406232		
5471	100	3	BRSP	SHRUB STEPPE				6/25/2011	VA	44.309625	-117.406450		
5472	100	1	VESP	SHRUB STEPPE				6/25/2011	A	44.309624	-117.406453		
5473	200	1	ROWR	SHRUB STEPPE				6/25/2011	A	44.309624	-117.406453		
5474	0	3	VESP	SHRUB STEPPE				6/25/2011	VA	44.309641	-117.407086		
5475	500	3	BBMA	SHRUB STEPPE				6/25/2011	VA	44.309645	-117.407081		
5476	0	2	MODO	SHRUB STEPPE				6/25/2011	V	44.309646	-117.407080		
5477	100	2	WEME	SHRUB STEPPE				6/25/2011	A	44.309645	-117.407081		
5478	200	3	BRSP	SHRUB STEPPE				6/25/2011	A	44.308585	-117.406741		
5479	0	1	BBMA	SHRUB STEPPE				6/25/2011	V	44.308584	-117.406738		
5480	100	1	VESP	SHRUB STEPPE				6/25/2011	A	44.308584	-117.406738		
5481	50	1	SPTO	SHRUB STEPPE				6/25/2011	A	44.308584	-117.406738		
5482	250	2	WEME	SHRUB STEPPE				6/25/2011	A	44.308426	-117.406750		
5483	0	2	BRSP	SHRUB STEPPE				6/25/2011	VA	44.307771	-117.406390		
5484	100	1	LAZB	SHRUB STEPPE				6/25/2011	A	44.307008	-117.406368		
5485	50	3	BRSP	SHRUB STEPPE				6/25/2011	VA	44.306670	-117.406251		
5486	50	4	BRSP	SHRUB STEPPE				6/25/2011	VA	44.305860	-117.406608		
5487	100	1	LAZB	SHRUB STEPPE				6/25/2011	A	44.305668	-117.406719		
5488	50	3	BRSP	SHRUB STEPPE				6/25/2011	V	44.304044	-117.406337		
5489	250	1	VESP	SHRUB STEPPE				6/25/2011	A	44.304044	-117.406337		
5490	250	1	LAZB	SHRUB STEPPE				6/25/2011	A	44.304045	-117.406337		
5491	200	4	BRSP	SHRUB STEPPE				6/25/2011	A	44.303166	-117.407640	1 FLEDGLING	
5492	200	1	WEME	SHRUB STEPPE				6/25/2011	A	44.304860	-117.404758		
5493	250	1	VESP	SHRUB STEPPE				6/25/2011	A	44.304860	-117.404758		
5494	250	1	BRSP	SHRUB STEPPE				6/25/2011	A	44.304860	-117.404758		
5495	0	5	HOLA	SHRUB				6/25/2011	VA	44.304964	-117.403026		
5496	500	2	VESP	SHRUB				6/25/2011	A	44.305060	-117.402503		
5497	500	2	WEME	SHRUB				6/25/2011	A	44.305060	-117.402503		
5498	0	4	CLSW	RIPARIAN				6/25/2011	V	44.374274	-117.300115		
5499	0	1	LAZB	RIPARIAN				6/25/2011	A	44.374274	-117.300117		
5500	0	6	CLSW	RIPARIAN				6/25/2011	V	44.373917	-117.301203		
5501	0	2	LAZB	RIPARIAN				6/25/2011	A	44.373912	-117.301172		
5502	2500	1	LAZB	RIPARIAN				6/25/2011	A	44.373845	-117.303850		
5503	500	2	WEME	SHRUB				6/25/2011	A	44.373845	-117.303850		
5504	0	110	CLSW	RIPARIAN				6/25/2011	V	44.373845	-117.303850		
5505	500	10	WEME	SHRUB				6/25/2011	A	44.375158	-117.305438		
5506	250	2	MODO	SHRUB				6/25/2011	A	44.375155	-117.305442		

ID	DIST	QUANT	SPECIES	HABITAT	AGE	GENDER	PHOTO	DATE	OBSTYPE	LAT	LONG	COMMENTS	SSS
5507	250	2	LASP	SHRUB STEPPE				6/25/2011	A	44.376857	-117.305940		
5508	250	2	WEME	SHRUB STEPPE				6/25/2011	A	44.376824	-117.305958		
5509	50	1	LASP	SHRUB STEPPE				6/25/2011	A	44.377309	-117.308569		
5510	200	2	WEME	SHRUB STEPPE				6/25/2011	A	44.377315	-117.308571		
5511	100	2	WEME	SHRUB STEPPE				6/25/2011	A	44.377719	-117.310470		
5512	250	2	WEME	SHRUB				6/25/2011	A	44.377716	-117.311913		
5513	500	1	RTHA	SHRUB				6/25/2011	A	44.377723	-117.311908		
482	0	2	CHIPMUNK	FOREST				6/26/2011	V	45.454785	-118.432901		
483	100	1	RUGR	FOREST				6/26/2011	A	45.455369	-118.433641	DRUMMING	
484	50	1	RCKI	FOREST				6/26/2011	A	45.456511	-118.434270		
485	0	2	BHGR	FOREST				6/26/2011	V	45.456530	-118.434267		
486	0	2	RED SQUIRREL	FOREST				6/26/2011	V	45.456522	-118.434275		
487	10	1	CHSP	FOREST				6/26/2011	A	45.456477	-118.435639		
488	70	1	RCKI	FOREST				6/26/2011	A	45.456249	-118.436688		
489	20	1	DUFL	FOREST				6/26/2011	A	45.456516	-118.438595		
490	0	2	DEJU	FOREST				6/26/2011	AV	45.458122	-118.438507		
491	0	1	CHSP	FOREST				6/26/2011	AV	45.458121	-118.438504		
493	80	1	HETH	FOREST				6/26/2011	A	45.458130	-118.438504		
494	30	2	MOBL	FOREST				6/26/2011	V	45.458136	-118.438497		
500	30	3	RCKI	FOREST				6/26/2011	A	45.430580	-118.400566		
501	100	1	MODO	FOREST				6/26/2011	A	45.430402	-118.400521		
502	30	1	CHSP	FOREST				6/26/2011	A	45.430403	-118.400522		
503	100	1	WETA	FOREST				6/26/2011	AV	45.430397	-118.400521		
504	50	1	OSFL	FOREST				6/26/2011	A	45.430193	-118.379633		X
505	100	1	NOFL	FOREST				6/26/2011	A	45.430193	-118.379634		X
506	0	1	WEWP	FOREST				6/26/2011	AV	45.430563	-118.380042		
507	30	1	RCKI	FOREST				6/26/2011	A	45.430571	-118.380043		
508	50	1	RBNU	FOREST				6/26/2011	A	45.430580	-118.380030		X
509	100	2	BCCH	FOREST				6/26/2011	A	45.430877	-118.380371		X
510	0	3	PISI	FOREST				6/26/2011	A	45.430890	-118.380861		
511	0	1	MOCH	FOREST				6/26/2011	A	45.430391	-118.382046		X
512	20	1	HETH	FOREST				6/26/2011	AV	45.430399	-118.382045		
513	100	1	PIWO	FOREST				6/26/2011	A	45.430411	-118.382038		X
514	30	2	YRWA	FOREST				6/26/2011	A	45.430458	-118.381190		
515	30	1	OSFL	FOREST				6/26/2011	A	45.428486	-118.376190		X
516	70	2	RBNU	FOREST				6/26/2011	A	45.428495	-118.376192		X
517	100	1	NOFL	FOREST				6/26/2011	A	45.428490	-118.376197		X
518	0	3	CHSP	FOREST				6/26/2011	AV	45.428492	-118.376192		
519	150	1	AMRO	FOREST				6/26/2011	AV	45.428491	-118.376197		
520	70	1	RCKI	FOREST				6/26/2011	A	45.428491	-118.376196		
521	30	3	PISI	FOREST				6/26/2011	AV	45.428488	-118.376185		
522	0	2	COLUMBIAN GROUND SQUIRREL	FOREST				6/26/2011	AV	45.425333	-118.371807		
523	30	2	CHSP	FOREST				6/26/2011	A	45.425329	-118.371810		
524	10	1	GCKI	FOREST				6/26/2011	A	45.425223	-118.371551		
525	10	2	RED SQUIRREL	FOREST				6/26/2011	AV	45.425120	-118.371351		
526	0	2	OCWA	FOREST				6/26/2011	AV	45.424185	-118.371060		
527	100	1	WISA	FOREST				6/26/2011	A	45.424184	-118.371065	DRUMMING	X
528	0	1	CHSP	FOREST				6/26/2011	AV	45.423259	-118.369322		
528	500	1	HETH	FOREST				6/26/2011	A	45.469633	-118.440882		
529	0	1	OCWA	FOREST				6/26/2011	AV	45.423246	-118.369313		
530	10	1	NOGO	FOREST				6/26/2011	V	45.423312	-118.368822		X
531	30	1	CHSP	FOREST				6/26/2011	A	45.421669	-118.367859		
531	250	1	RCKI	FOREST				6/26/2011	A	45.467975	-118.437892		
532	0	1	HAWO	FOREST				6/26/2011	V	45.421665	-118.367872		X
533	1000	1	RTHA	FOREST				6/26/2011	AV	45.421664	-118.367874		
534	200	1	HETH	FOREST				6/26/2011	A	45.421665	-118.367874		
535	50	1	OCWA	FOREST				6/26/2011	A	45.421237	-118.367863		
536	200	2	RBNU	FOREST				6/26/2011	A	45.421245	-118.367863		X
537	70	2	PISI	FOREST				6/26/2011	A	45.421247	-118.367867		
538	0	2	WEBL	FOREST				6/26/2011	V	45.419240	-118.364229		X
538	100	2	WETA	FOREST				6/26/2011	A	45.421239	-118.367873		
539	50	1	CHSP	FOREST				6/26/2011	A	45.419230	-118.364229		
539	250	1	WEWP	FOREST				6/26/2011	A	45.466948	-118.436096		
540	20	2	RED SQUIRREL	FOREST				6/26/2011	AV	45.419524	-118.362951		
540	150	1	ELK	FOREST		M		6/26/2011	V	45.460018	-118.432756		X
540	750	1	HETH	FOREST				6/26/2011	A	45.462846	-118.433867		
541	20	1	WEWP	FOREST				6/26/2011	AV	45.419515	-118.362955	ON ACTIVE NEST	
541	250	2	CHSP	FOREST				6/26/2011	A	45.460015	-118.432771		
542	50	2	RBNU	FOREST				6/26/2011	A	45.419547	-118.362760		X
543	100	1	AMRO	FOREST				6/26/2011	A	45.419508	-118.362801		
544	40	2	MOCH	FOREST				6/26/2011	A	45.419520	-118.362953		X
545	50	1	OCWA	FOREST				6/26/2011	A	45.418729	-118.361000		
546	60	1	CHSP	FOREST				6/26/2011	A	45.418720	-118.361005		
547	10	1	DEJU	FOREST				6/26/2011	V	45.418723	-118.360991		

ID	DIST	QUANT	SPECIES	HABITAT	AGE	GENDER	PHOTO	DATE	OBSTYPE	LAT	LONG	COMMENTS	SSS
548	30	2	PISI	FOREST				6/26/2011	A	45.418610	-118.361092		
549	30	1	YRWA	FOREST				6/26/2011	A	45.416802	-118.361104		
550	200	2	CHSP	FOREST				6/26/2011	A	45.410854	-118.354660		
550	40	1	OCWA	FOREST				6/26/2011	A	45.416719	-118.361043		
551	0	1	DOUGLAS TREE SQUIRREL	FOREST				6/26/2011	V	45.410848	-118.354680		
551	30	1	NOFL	FOREST				6/26/2011	A	45.419356	-118.360579		X
551	100	1	DUFL	FOREST				6/26/2011	A	45.419427	-118.360640		
552	250	1	WETA	FOREST				6/26/2011	A	45.410850	-118.354669		
552	20	1	HAWO	FOREST				6/26/2011	A	45.417929	-118.358274		X
552	100	1	WETA	FOREST				6/26/2011	A	45.419426	-118.360691		
553	0	2	RBNU	FOREST				6/26/2011	VA	45.410853	-118.354689		X
553	30	2	PISI	FOREST				6/26/2011	A	45.417929	-118.358274		
554	250	2	NOFL	FOREST				6/26/2011	A	45.410856	-118.354697		X
554	40	1	OCWA	FOREST				6/26/2011	A	45.418016	-118.358122		
555	250	1	WISA	FOREST				6/26/2011	V	45.410822	-118.354716		X
555	50	2	WETA	FOREST				6/26/2011	A	45.413285	-118.351638		
556	10	1	CHSP	FOREST				6/26/2011	AV	45.413203	-118.351642		
557	100	1	OCWA	FOREST				6/26/2011	A	45.395603	-118.337873		
557	150	1	CAVI	FOREST				6/26/2011	A	45.410844	-118.354660		
558	30	1	CHSP	FOREST				6/26/2011	A	45.399477	-118.340643		
558	50	1	GOLDEN-MANTLED GROUND SQUIRREL	FOREST				6/26/2011	V	45.412364	-118.356493		
559	30	2	WETA	FOREST				6/26/2011	A	45.399486	-118.340674		
559	0	1	WETA	FOREST				6/26/2011	V	45.412678	-118.356828		
560	100	1	OCWA	FOREST				6/26/2011	A	45.403097	-118.344418		
560	100	2	MOCH	FOREST				6/26/2011	A	45.413678	-118.357691		X
561	150	2	MOCH	FOREST				6/26/2011	A	45.403115	-118.344406		X
561	150	2	CHSP	FOREST				6/26/2011	A	45.413638	-118.357728		
562	75	1	RBNU	FOREST				6/26/2011	A	45.403112	-118.344409		X
562	1000	2	HETH	FOREST				6/26/2011	A	45.413978	-118.358102		
563	30	1	OCWA	FOREST				6/26/2011	A	45.405258	-118.346790		
563	100	2	DEJU	FOREST				6/26/2011	AV	45.413990	-118.357983		
564	0	3	DEJU	FOREST				6/26/2011	AV	45.405501	-118.346956		
564	250	1	OCWA	FOREST				6/26/2011	AV	45.415025	-118.357807		
564	0	1	NOFL	FOREST				6/26/2011	A	45.415273	-118.359663		X
565	10	2	CHSP	FOREST				6/26/2011	V	45.410505	-118.352277	ACTIVE NEST WITH NESTLINGS	
566	0	6	RECR	FOREST				6/26/2011	AV	45.415277	-118.359671		
567	150	1	YRWA	FOREST				6/26/2011	A	45.415195	-118.360591		
569	250	2	CHSP	FOREST				6/26/2011	A	45.415169	-118.361840		
570	400	1	CAVI	FOREST				6/26/2011	A	45.415172	-118.361841		
571	0	3	PISI	FOREST				6/26/2011	AV	45.415169	-118.361843		
572	0	1	DUFL	FOREST				6/26/2011	A	45.415162	-118.361837		
574	100	4	CHSP	FOREST				6/26/2011	A	45.415232	-118.364016		
575	0	1	DUFL	FOREST				6/26/2011	V	45.415238	-118.364010		
576	250	1	WETA	FOREST				6/26/2011	A	45.415239	-118.364011		
576	250	1	WETA	FOREST				6/26/2011	A	45.415748	-118.365159		
577	0	1	AMRO	FOREST				6/26/2011	V	45.415746	-118.365163		
578	50	3	CHSP	FOREST				6/26/2011	AV	45.415746	-118.365162		
578	250	1	OCWA	FOREST				6/26/2011	A	45.415749	-118.365156		
579	250	1	RECR	FOREST				6/26/2011	A	45.415752	-118.365160		
579	150	2	CHSP	FOREST				6/26/2011	A	45.417860	-118.367141		
580	0	2	RECR	FOREST				6/26/2011	A	45.417870	-118.367132		
581	200	1	BCCH	FOREST				6/26/2011	A	45.417846	-118.367142		X
581	250	1	AMRO	FOREST				6/26/2011	A	45.417883	-118.367132		
582	500	1	WEWP	FOREST				6/26/2011	A	45.417872	-118.367150		
583	250	2	RBNU	FOREST				6/26/2011	A	45.417870	-118.367146		X
585	250	1	WETA	FOREST				6/26/2011	A	45.419934	-118.368110		
586	200	1	DUFL	FOREST				6/26/2011	A	45.419939	-118.368141		
587	0	1	PISI	FOREST				6/26/2011	A	45.419953	-118.368130		
588	150	4	CHSP	FOREST				6/26/2011	A	45.420583	-118.368179		
589	200	1	YRWA	FOREST				6/26/2011	A	45.420813	-118.368397		
590	250	1	AMRO	FOREST				6/26/2011	A	45.420816	-118.368390		
591	250	1	DEJU	FOREST				6/26/2011	A	45.420807	-118.369051		
592	250	1	YRWA	FOREST				6/26/2011	A	45.420793	-118.369044		
593	250	3	CHSP	FOREST				6/26/2011	A	45.420790	-118.369043		
593	50	1	COLUMBIAN GROUND SQUIRREL	FOREST				6/26/2011	A	45.421277	-118.369766		
594	50	2	RTHA	FOREST				6/26/2011	AV	45.421854	-118.370796	PAIR LOUD	
594	250	4	GRJA	FOREST				6/26/2011	A	45.422869	-118.372301		
595	250	3	TOWA	FOREST				6/26/2011	VA	45.422869	-118.372297		
596	250	1	YRWA	FOREST				6/26/2011	A	45.423041	-118.372259		
597	250	3	BCCH	FOREST				6/26/2011	A	45.423050	-118.372257		X
598	250	1	MOCH	FOREST				6/26/2011	A	45.423049	-118.372264		X
599	150	1	NOFL	FOREST				6/26/2011	A	45.423204	-118.372055		X
600	250	1	HAWO	FOREST				6/26/2011	A	45.423205	-118.372059		X

ID	DIST	QUANT	SPECIES	HABITAT	AGE	GENDER	PHOTO	DATE	OBSTYPE	LAT	LONG	COMMENTS	SSS
601	250	1	RCKI	FOREST				6/26/2011	A	45.423201	-118.372057		
601	50	2	BCCH	FOREST				6/26/2011	V	45.423641	-118.371698		X
602	250	1	YRWA	FOREST				6/26/2011	A	45.423640	-118.371681		
602	500	1	HETH	FOREST				6/26/2011	A	45.423641	-118.371666		
603	0	1	RBNU	FOREST				6/26/2011	A	45.423641	-118.371675		X
604	0	1	DOUGLAS TREE SQUIRREL	FOREST				6/26/2011	V	45.423929	-118.371960		
604	0	2	RCKI	FOREST				6/26/2011	A	45.423969	-118.372254		
605	0	1	DOWO	FOREST		F		6/26/2011	V	45.424160	-118.373123		X
606	250	1	WEWP	FOREST				6/26/2011	A	45.424169	-118.373113		
609	50	2	SAPSUCKER	FOREST				6/26/2011	DRUMMING	45.423986	-118.372340		
610	50	1	PISI	FOREST				6/26/2011	A	45.424263	-118.372165		
611	200	2	CHSP	FOREST				6/26/2011	A	45.425142	-118.372706		
614	750	1	OSFL	FOREST				6/26/2011	A	45.426264	-118.374600		X
615	150	5	CHSP	FOREST				6/26/2011	A	45.426254	-118.374601		
615	250	2	RCKI	FOREST				6/26/2011	A	45.426506	-118.375803		
616	50	1	OSFL	FOREST				6/26/2011	A	45.426504	-118.375792		X
617	50	1	PISI	FOREST				6/26/2011	A	45.426508	-118.375793		
619	50	1	WETA	FOREST				6/26/2011	A	45.426503	-118.375787		
620	250	1	DEJU	FOREST				6/26/2011	A	45.426891	-118.376514		
621	250	1	TOWA	FOREST				6/26/2011	A	45.427205	-118.377202		
622	50	1	HETH	FOREST				6/26/2011	V	45.427567	-118.377867		
623	250	1	WETA	FOREST				6/26/2011	A	45.427978	-118.378586		
624	200	1	TOWA	FOREST				6/26/2011	A	45.427964	-118.378729		
625	200	4	CHSP	FOREST				6/26/2011	A	45.428189	-118.378917		
626	50	2	YRWA	FOREST				6/26/2011	A	45.428707	-118.379376		
626	0	1	DEJU	FOREST				6/26/2011	A	45.428714	-118.379382		
627	0	1	MOCH	FOREST				6/26/2011	A	45.428715	-118.379380		X
628	250	1	RCKI	FOREST				6/26/2011	A	45.428708	-118.379376		
629	150	1	OCWA	FOREST				6/26/2011	A	45.428710	-118.379378		
630	100	2	DOUGLAS TREE SQUIRREL	FOREST				6/26/2011	V	45.429382	-118.380099		
630	0	2	WETA	FOREST				6/26/2011	A	45.468589	-118.439020		
631	200	3	CHSP	FOREST				6/26/2011	A	45.429276	-118.380445		
632	500	1	CORA	FOREST				6/26/2011	A	45.429574	-118.382753		
635	150	3	PISI	FOREST				6/26/2011	A	45.429290	-118.387498		
635	200	3	PISI	FOREST				6/26/2011	A	45.430075	-118.385482		
636	0	1	DEJU	FOREST				6/26/2011	A	45.429125	-118.388048		
637	500	1	HETH	FOREST				6/26/2011	A	45.429472	-118.389316		
638	250	1	TOWA	FOREST				6/26/2011	A	45.429519	-118.389883		
639	250	1	RCKI	FOREST				6/26/2011	A	45.429464	-118.390765		
640	100	1	DUFL	FOREST				6/26/2011	A	45.429229	-118.393186		
641	150	2	CHSP	FOREST				6/26/2011	A	45.429236	-118.393183		
643	300	1	WEWP	FOREST				6/26/2011	A	45.429234	-118.393182		
644	150	1	WETA	FOREST				6/26/2011	A	45.429221	-118.393191		
645	50	1	COLUMBIAN GROUND SQUIRREL	FOREST				6/26/2011	V	45.429559	-118.394700		
646	200	1	COLUMBIAN GROUND SQUIRREL	FOREST				6/26/2011	A	45.429986	-118.395790		
648	100	1	WETA	FOREST				6/26/2011	A	45.429871	-118.396795		
649	250	1	RCKI	FOREST				6/26/2011	A	45.429251	-118.398224		
650	250	1	TOWA	FOREST				6/26/2011	A	45.429644	-118.401713		
651	150	1	DUFL	FOREST				6/26/2011	A	45.429703	-118.401728		
652	50	1	OCWA	FOREST				6/26/2011	A	45.430228	-118.403083		
654	50	1	GOLDEN-MANTLED GROUND SQUIRREL	FOREST				6/26/2011	V	45.430405	-118.403812		
655	150	1	CHSP	FOREST				6/26/2011	AV	45.430397	-118.403816		
656	200	1	DOWO	FOREST				6/26/2011	A	45.430668	-118.404494		X
657	250	1	RCKI	FOREST				6/26/2011	A	45.432295	-118.408955		
658	150	1	TOWA	FOREST				6/26/2011	A	45.432871	-118.409364		
658	250	1	WETA	FOREST				6/26/2011	A	45.433894	-118.415148		
659	150	1	RCKI	FOREST				6/26/2011	A	45.433148	-118.410598		
659	250	1	YRWA	FOREST				6/26/2011	A	45.433865	-118.415644		
660	0	2	PISI	FOREST				6/26/2011	A	45.433160	-118.411100		
662	250	2	RCKI	FOREST				6/26/2011	A	45.433588	-118.414180		
666	150	1	TOWA	FOREST				6/26/2011	A	45.433792	-118.415179		
667	100	1	MOCH	FOREST				6/26/2011	V	45.433888	-118.415627		X
668	200	1	DOUGLAS TREE SQUIRREL	FOREST				6/26/2011	A	45.433896	-118.415627		
669	0	1	NOFL	FOREST				6/26/2011	A	45.433897	-118.415632		X
670	250	1	DUFL	FOREST				6/26/2011	A	45.434039	-118.415618		
671	0	1	CHSP	FOREST				6/26/2011	A	45.437209	-118.420022		
672	50	1	TOWA	FOREST				6/26/2011	A	45.437223	-118.420017		
676	250	1	WETA	FOREST				6/26/2011	A	45.439131	-118.422030		
679	250	2	RCKI	FOREST				6/26/2011	A	45.439910	-118.422991		
679	100	1	DEJU	FOREST				6/26/2011	A	45.440102	-118.423381		
680	50	2	CHSP	FOREST				6/26/2011	AV	45.440107	-118.423382		
681	100	1	DOUGLAS TREE SQUIRREL	FOREST				6/26/2011	V	45.440100	-118.423383		

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681	250	2	TOWA	FOREST				6/26/2011	A	45.440906	-118.423922		
688	200	2	RCKI	FOREST				6/26/2011	A	45.441108	-118.423947		
689	50	2	PISI	FOREST				6/26/2011	A	45.441540	-118.424556		
690	150	1	NOFL	FOREST				6/26/2011	A	45.441855	-118.424958		X
691	0	1	RTHA	FOREST				6/26/2011	A	45.442236	-118.425365		
692	0	1	DEJU	FOREST				6/26/2011	A	45.442239	-118.425370		
693	250	1	RTHA-NEST	FOREST				6/26/2011	NEST	45.443120	-118.426488		
693	300	1	HETH	FOREST				6/26/2011	A	45.443280	-118.426601		
694	250	1	TOWA	FOREST				6/26/2011	A	45.443995	-118.427061		
695	250	1	RCKI	FOREST				6/26/2011	A	45.445177	-118.427965		
696	100	1	DEJU	FOREST				6/26/2011	A	45.447058	-118.428192		
697	150	1	RBNU	FOREST				6/26/2011	A	45.447054	-118.428190		X
697	50	1	DEJU	FOREST				6/26/2011	A	45.448025	-118.428965		
698	0	1	CHSP	FOREST				6/26/2011	A	45.448509	-118.429305		
699	400	1	YRWA	FOREST				6/26/2011	A	45.448511	-118.429301		
700	400	1	RCKI	FOREST				6/26/2011	A	45.450939	-118.430291		
5600	200	3	BBMA	SHRUB				6/26/2011	A	44.399955	-117.336703		
5601	100	1	LAZB	SHRUB				6/26/2011	A	44.399954	-117.336705		
5602	250	2	WEME	SHRUB				6/26/2011	A	44.399954	-117.336706		
5603	100	1	SOSP	RIPARIAN				6/26/2011	A	44.399830	-117.338966		
5604	0	1	CLSW	SHRUB				6/26/2011	V	44.399830	-117.338964		
5605	10	2	WEME	SHRUB				6/26/2011	A	44.399339	-117.340007		
5605	10	20	WEME	SHRUB				6/26/2011	A	44.399339	-117.340007		
5606	100	3	LAZB	RIPARIAN				6/26/2011	A	44.399341	-117.340006		
5607	0	1	SOSP	RIPARIAN				6/26/2011	VA	44.399468	-117.340608		
5608	50	4	LAZB	SHRUB				6/26/2011	VA	44.399925	-117.341216		
5609	0	3	CORA	SHRUB				6/26/2011	VA	44.401419	-117.340977		
5610	0	1	LASP	SHRUB				6/26/2011	V	44.402815	-117.340447		
5611	200	3	WEME	SHRUB				6/26/2011	A	44.402814	-117.340445		
5612	50	4	HOLA	GRASS				6/26/2011	VA	44.403164	-117.340074		
5613	250	1	LASP	SHRUB				6/26/2011	A	44.403567	-117.339533		
5614	100	4	WEME	GRASS				6/26/2011	VA	44.403569	-117.339536		
5615	200	4	HOLA	GRASS				6/26/2011	A	44.403849	-117.337726		
5616	200	30	WEME	GRASS				6/26/2011		44.403849	-117.337726		
5617	500	1	CHUK	GRASS				6/26/2011	A	44.404139	-117.336471		
5618	100	2	WEME	GRASS				6/26/2011	A	44.404902	-117.333965		
5619	100	1	LASP	GRASS				6/26/2011	VA	44.405801	-117.333996		
5620	100	3	WEME	GRASS				6/26/2011	A	44.405801	-117.333995		
5621	50	1	HOLA	GRASS				6/26/2011	V	44.407039	-117.334139		
5622	0	1	AMKE	GRASS				6/26/2011	V	44.407507	-117.334172		
5623	200	4	WEME	GRASS				6/26/2011	VA	44.408780	-117.334204		
5624	50	1	LAZB	GRASS				6/26/2011	AV	44.410168	-117.334030		
5625	250	3	WEME	GRASS				6/26/2011	VA	44.410158	-117.334036		
5627	1000	7	CORA	GRASS				6/26/2011	V	44.411530	-117.334045		
5628	0	1	RTHA	GRASS				6/26/2011	A	44.412439	-117.333947		
5629	200	30	WEME	GRASS				6/26/2011	VA	44.412442	-117.333944		
5630	0	1	RTHA	GRASS				6/26/2011	VA	44.412572	-117.333961		
5631	200	2	LASP	SHRUB				6/26/2011	A	44.413673	-117.333173		
5632	0	3	BRBL	SHRUB				6/26/2011	VA	44.413676	-117.333176		
5633	750	1	CHUK	SHRUB				6/26/2011	A	44.413662	-117.333174		
5634	50	1	LAZB	SHRUB				6/26/2011	A	44.413826	-117.334508		
5635	200	3	WEME	SHRUB				6/26/2011	A	44.413825	-117.334509		
5636	100	2	LAZB	SHRUB STEPPE				6/26/2011	AV	44.481913	-117.333577		
5637	500	1	MODO	SHRUB STEPPE				6/26/2011	A	44.481911	-117.333579		
5638	0	2	CLSW	SHRUB STEPPE				6/26/2011	V	44.481631	-117.334166		
5639	0	3	LAZB	SHRUB STEPPE				6/26/2011	VA	44.481632	-117.334167		
5640	0	1	MULE DEER	SHRUB STEPPE				6/26/2011	V	44.480909	-117.335394		
5642	100	1	LASP	SHRUB STEPPE				6/26/2011	A	44.480359	-117.336753		
5643	0	1	BARS	SHRUB STEPPE				6/26/2011	V	44.479752	-117.337810		
5644	0	2	LAZB	SHRUB STEPPE				6/26/2011	A	44.479642	-117.337968		
5645	50	1	NOFL	RIPARIAN				6/26/2011	A	44.479208	-117.338892		X
5646	1000	1	CORA	SHRUB				6/26/2011	A	44.478807	-117.340126		
5646	100	3	LAZB	RIPARIAN				6/26/2011	A	44.478941	-117.339746		
5647	50	2	YWAR	RIPARIAN				6/26/2011	A	44.478712	-117.340383		
5648	50	1	MULE DEER	SHRUB STEPPE				6/26/2011	V	44.478309	-117.340890		
5649	0	1	BARS	SHRUB STEPPE				6/26/2011	VA	44.478309	-117.340890		
5650	1000	1	CORA	SHRUB				6/26/2011	V	44.504293	-117.362895		
5651	100	1	LAZB	RIPARIAN				6/26/2011	A	44.503971	-117.363158		
5652	100	1	LAZB	AG				6/26/2011	A	44.500866	-117.368815		
5653	50	1	LAZB	AG				6/26/2011	A	44.503652	-117.367729		
5654	300	1	WEME	SHRUB STEPPE				6/26/2011	A	44.618362	-117.470237		
5655	100	1	LASP	SHRUB STEPPE				6/26/2011	A	44.618362	-117.470235		
5656	250	2	WEME	SHRUB STEPPE				6/26/2011	A	44.619651	-117.470989		
5657	100	2	WEME	SHRUB STEPPE				6/26/2011	AV	44.620970	-117.471713		
5658	1000	1	CORA	SHRUB STEPPE				6/26/2011	A	44.620970	-117.471714		

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5667	0	2	LASP	SHRUB STEPPE				6/26/2011	V	44.619333	-117.470971		
383	200	1	YRWA	FOREST				6/27/2011	A	45.378019	-118.322293		
700	30	1	YRWA	RIPARIAN				6/27/2011	V	45.341553	-118.236388		
701	100	2	SOSP	RIPARIAN				6/27/2011	A	45.341552	-118.236384		
702	40	2	AMRO	RIPARIAN				6/27/2011	V	45.341361	-118.235624		
703	10	2	SOSP	RIPARIAN				6/27/2011	AV	45.341016	-118.234629		
703	150	1	DEJU	FOREST				6/27/2011	A	45.453850	-118.431444		
704	10	3	MOCH	FOREST				6/27/2011	AV	45.341047	-118.234709		X
705	10	1	RED SQUIRREL	FOREST				6/27/2011	AV	45.341048	-118.234676		
705	250	1	RCKI	FOREST				6/27/2011	A	45.455226	-118.431196		
705	50	1	DOUGLAS TREE SQUIRREL	FOREST				6/27/2011	A	45.456343	-118.431594		
706	0	4	AMCR	RIPARIAN				6/27/2011	AV	45.340933	-118.234177		
706	50	1	BCCH	FOREST				6/27/2011	A	45.456814	-118.431777		X
707	0	1	DUFL	RIPARIAN				6/27/2011	A	45.340631	-118.232399		
707	100	1	OCWA	FOREST				6/27/2011	A	45.457519	-118.431985		
708	10	1	YWAR	RIPARIAN				6/27/2011	VA	45.340638	-118.232401		
708	250	1	RCKI	FOREST				6/27/2011	A	45.457760	-118.432784		
709	0	1	PSFL	RIPARIAN				6/27/2011	AV	45.340581	-118.228992	PSFL?	
709	50	1	WETA	FOREST				6/27/2011	A	45.457847	-118.432853		
709	200	2	DEJU	FOREST				6/27/2011	A	45.458929	-118.433573		
710	30	1	SOSP	RIPARIAN				6/27/2011	AV	45.340663	-118.228635		
710	250	1	YRWA	FOREST				6/27/2011	A	45.458876	-118.433576		
711	0	1	WIFL	RIPARIAN				6/27/2011	AV	45.341029	-118.227534		
711	150	2	PISI	FOREST				6/27/2011	A	45.458875	-118.433575		
712	10	1	SOSP	RIPARIAN				6/27/2011	AV	45.341168	-118.227155		
713	20	1	YWAR	RIPARIAN				6/27/2011	A	45.340783	-118.225342		
714	0	1	YRWA	RIPARIAN				6/27/2011	V	45.340783	-118.225340		
715	0	1	RED SQUIRREL	RIPARIAN				6/27/2011	V	45.339868	-118.226063		
716	100	2	WETA	FOREST				6/27/2011	A	45.339861	-118.226066		
717	0	3	DEJU	RIPARIAN				6/27/2011	AV	45.339861	-118.226049		
718	30	1	OCWA	RIPARIAN				6/27/2011	A	45.339865	-118.226051		
720	20	1	CHSP	FOREST				6/27/2011	A	45.339869	-118.226037		
720	0	3	RECR	FOREST				6/27/2011	VA	45.410542	-118.354003		
721	0	3	AMRO	RIPARIAN				6/27/2011	AV	45.339863	-118.226048		
721	250	2	HETH	FOREST				6/27/2011	A	45.410554	-118.353995		
722	10	1	CHIPMUNK	FOREST				6/27/2011	AV	45.339863	-118.226048		
722	200	1	CHSP	FOREST				6/27/2011	A	45.410540	-118.354003		
723	10	1	CHSP	FOREST				6/27/2011	AV	45.338782	-118.225773		
723	150	2	TOWA	FOREST				6/27/2011	A	45.410558	-118.353994		
723	150	1	DOUGLAS TREE SQUIRREL	FOREST				6/27/2011	A	45.410560	-118.353992		
724	40	1	TOWA	FOREST				6/27/2011	A	45.338610	-118.225413		
724	250	1	RBNU	FOREST				6/27/2011	A	45.410551	-118.353994		X
725	10	1	WIFL	RIPARIAN				6/27/2011	AV	45.338447	-118.224740		
725	50	1	CHSP	FOREST				6/27/2011	A	45.408867	-118.351650		
725	200	1	DUFL	FOREST				6/27/2011	A	45.408870	-118.351661		
726	0	2	MOCH	FOREST				6/27/2011	AV	45.338452	-118.224738		X
726	100	1	WETA	FOREST				6/27/2011	A	45.408865	-118.351649		
727	10	1	LAZB	RIPARIAN				6/27/2011	V	45.337614	-118.222880		
727	150	1	DEJU	FOREST				6/27/2011	AV	45.407719	-118.350734		
728	10	1	CHSP	RIPARIAN				6/27/2011	AV	45.337542	-118.222744		
728	150	1	DOUGLAS TREE SQUIRREL	FOREST				6/27/2011	A	45.407271	-118.350437		
729	100	1	WEWP	FOREST				6/27/2011	A	45.336589	-118.222367		
729	150	1	TOWA	FOREST				6/27/2011	A	45.405820	-118.348901		
729	200	2	CHSP	FOREST				6/27/2011	A	45.405821	-118.348898		
730	100	1	NOFL	FOREST				6/27/2011	A	45.336595	-118.222369		X
730	200	1	CAVI	FOREST				6/27/2011	A	45.405823	-118.348913		
731	200	1	AMRO	FOREST				6/27/2011	A	45.334322	-118.221821		
731	0	1	OCWA	FOREST				6/27/2011	A	45.405819	-118.348904		
732	100	2	WEWP	FOREST				6/27/2011	A	45.334276	-118.221787		
732	100	1	DEJU	FOREST				6/27/2011	V	45.405817	-118.348902		
733	75	2	OCWA	FOREST				6/27/2011	A	45.334278	-118.221785		
733	100	2	DEJU	FOREST				6/27/2011	A	45.404433	-118.347467		
734	0	2	AMRO	RIPARIAN				6/27/2011	AV	45.333109	-118.220693		
734	250	1	RBNU	FOREST				6/27/2011	A	45.403909	-118.347045		X
735	20	1	PSFL	RIPARIAN				6/27/2011	A	45.333097	-118.220667		
735	150	1	TOWA	FOREST				6/27/2011	A	45.403911	-118.347042		
736	75	1	WEWP	FOREST				6/27/2011	A	45.333096	-118.220671		
736	150	1	TOWA	FOREST				6/27/2011	A	45.402353	-118.345745		
737	200	2	PISI	FOREST				6/27/2011	A	45.401038	-118.344092		
738	100	1	NOFL	RIPARIAN				6/27/2011	A	45.333094	-118.220673		X
739	40	1	CHSP	FOREST				6/27/2011	A	45.332727	-118.220333		
739	250	1	WETA	FOREST				6/27/2011	A	45.400977	-118.343297		
740	20	1	AMRO	RIPARIAN				6/27/2011	AV	45.331172	-118.218736		
740	250	2	OCWA	FOREST				6/27/2011	A	45.399644	-118.341776		
741	0	3	BBMA	RIPARIAN				6/27/2011	AV	45.331153	-118.218734		

ID	DIST	QUANT	SPECIES	HABITAT	AGE	GENDER	PHOTO	DATE	OBSTYPE	LAT	LONG	COMMENTS	SSS
741	250	1	TOWA	FOREST				6/27/2011	A	45.399652	-118.341770		
742	50	1	CHSP	FOREST				6/27/2011	A	45.330597	-118.217391		
743	40	1	PSFL	RIPARIAN				6/27/2011	A	45.330598	-118.217390		
743	50	2	TOWA	FOREST				6/27/2011	A	45.398529	-118.342143		
744	20	3	AMRO	MEADOW				6/27/2011	V	45.330410	-118.217255		
744	50	1	YRWA	FOREST				6/27/2011	A	45.398484	-118.342227		
745	20	1	HOWR	MEADOW				6/27/2011	AV	45.330406	-118.217254		
745	0	1	DEJU	FOREST				6/27/2011	A	45.398487	-118.342223		
746	1000	2	RTHA	FOREST				6/27/2011	V	45.330387	-118.217221		
746	500	1	AMRO	FOREST				6/27/2011	A	45.398483	-118.342194		
747	30	1	LAZB	RIPARIAN				6/27/2011	AV	45.329994	-118.216539		
747	250	1	WETA	FOREST				6/27/2011	A	45.398479	-118.342216		
748	150	1	DOUGLAS TREE SQUIRREL	FOREST				6/27/2011	A	45.398477	-118.342215		
749	0	3	VASW	MEADOW				6/27/2011	V	45.330000	-118.216507	VAUX'S SWIFT	
749	150	1	WETA	FOREST				6/27/2011	A	45.396957	-118.340167		
750	500	1	RTHA	FOREST				6/27/2011	V	45.328876	-118.215398		
750	150	2	CAVI	FOREST				6/27/2011	A	45.396506	-118.340413		
751	500	1	AMKE	FOREST				6/27/2011	V	45.328881	-118.215396		
751	250	2	DOUGLAS TREE SQUIRREL	FOREST				6/27/2011	A	45.396516	-118.340381		
752	40	1	RWBL	RIPARIAN				6/27/2011	V	45.328126	-118.214952		
752	0	2	RECR	FOREST				6/27/2011	A	45.395281	-118.338971		
753	50	1	OCWA	FOREST				6/27/2011	A	45.328131	-118.214948		
753	150	1	OCWA	FOREST				6/27/2011	A	45.395289	-118.338972		
754	40	2	RWBL	WETLAND				6/27/2011	AV	45.327119	-118.213818		
755	50	1	NOFL	FOREST				6/27/2011	AV	45.327110	-118.213832		X
755	150	1	YRWA	FOREST				6/27/2011	A	45.395295	-118.338973		
756	75	2	AMRO	FOREST				6/27/2011	AV	45.325690	-118.211917		
756	250	2	RBNU	FOREST				6/27/2011	A	45.395278	-118.338969		X
757	100	1	WETA	FOREST				6/27/2011	A	45.325604	-118.211816		
757	0	2	RECR	FOREST				6/27/2011	VA	45.394367	-118.338560		
758	30	1	LAZB	RIPARIAN				6/27/2011	A	45.324122	-118.210337		
758	0	1	PISI	FOREST				6/27/2011	A	45.393170	-118.338339		
759	40	1	OCWA	FOREST				6/27/2011	A	45.324124	-118.210329		
759	250	2	DEJU	FOREST				6/27/2011	A	45.393166	-118.338333		
760	0	1	RTHA	FOREST				6/27/2011	AV	45.324086	-118.210317		
760	400	1	WETA	FOREST				6/27/2011	A	45.393158	-118.338338		
761	30	1	BEKI	RIPARIAN				6/27/2011	V	45.321995	-118.207898		
761	200	1	DEJU	FOREST				6/27/2011	A	45.392279	-118.336654		
762	30	2	NRWS	RIPARIAN				6/27/2011	V	45.321996	-118.207907	NORTHERN RW SWALLOW	
763	30	1	PSFL	RIPARIAN				6/27/2011	AV	45.321913	-118.207840		
763	0	1	RECR	FOREST				6/27/2011	A	45.392251	-118.336662		
764	0	1	RECR	FOREST				6/27/2011	VA	45.386108	-118.332237		
764	500	1	MOCH	FOREST				6/27/2011	A	45.392247	-118.336653		X
765	50	2	MOCH	FOREST				6/27/2011	A	45.321755	-118.207693		X
765	50	2	DOUGLAS TREE SQUIRREL	FOREST				6/27/2011	AV	45.386105	-118.332241		
766	0	1	RTHA	FOREST				6/27/2011	AV	45.321537	-118.207531		
766	200	1	OCWA	FOREST				6/27/2011	A	45.386104	-118.332241		
766	200	1	TOWA	FOREST				6/27/2011	A	45.392260	-118.336678		
767	100	1	MODO	FOREST				6/27/2011	A	45.320408	-118.206240		
767	250	1	COLUMBIAN GROUND SQUIRREL	FOREST				6/27/2011	A	45.386075	-118.332210		
768	100	1	WETA	FOREST				6/27/2011	A	45.320170	-118.205121		
768	0	3	CHSP	FOREST				6/27/2011	A	45.390587	-118.335574		
769	50	1	YWAR	RIPARIAN				6/27/2011	A	45.320144	-118.205020		
769	50	2	CHSP	FOREST				6/27/2011	AV	45.384124	-118.330728		
769	400	1	WETA	FOREST				6/27/2011	A	45.388788	-118.334396		
770	0	3	CEDW	FOREST				6/27/2011	AV	45.320142	-118.205018		
770	0	1	ACCIPTER	FOREST				6/27/2011	V	45.384142	-118.330709	SHARPIE OR COOPERS	
771	10	2	SPSA	RIPARIAN				6/27/2011	AV	45.319591	-118.203942	SPOTTED SANDPIPER	
771	0	1	RTHA	FOREST				6/27/2011	V	45.383328	-118.329987		
772	0	1	OSPR	RIPARIAN				6/27/2011	V	45.319584	-118.203942		
772	0	1	PISI	GRASS				6/27/2011	A	45.382368	-118.329529		
773	30	2	RNSA	RIPARIAN				6/27/2011	V	45.319093	-118.203189		X
774	10	1	AMRO					6/27/2011	AV	45.317822	-118.202683		
774	0	2	CHSP	FOREST				6/27/2011	AV	45.381263	-118.330290		
775	50	1	CHSP	FOREST				6/27/2011	A	45.317827	-118.202670		
776	10	4	AMRO	FOREST				6/27/2011	AV	45.316849	-118.201834		
776	0	1	CAVI	FOREST				6/27/2011	A	45.379935	-118.326828		
777	10	2	NOFL	FOREST				6/27/2011	AV	45.316823	-118.201839		X
777	0	1	PISI	FOREST				6/27/2011	A	45.379911	-118.326812		
778	10	1	WEWP	FOREST				6/27/2011	AV	45.315247	-118.197044		
778	50	1	DOUGLAS TREE SQUIRREL	FOREST				6/27/2011	A	45.379905	-118.326811		
778	0	1	WETA	FOREST				6/27/2011	A	45.379922	-118.326810		
779	10	1	AMRO	FOREST				6/27/2011	AV	45.315245	-118.197040		
779	300	1	MOCH	FOREST				6/27/2011	A	45.379649	-118.326291		X

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779	250	1	TOWA	FOREST				6/27/2011	A	45.379650	-118.326285		
780	20	1	WBNU	FOREST				6/27/2011	AV	45.315473	-118.197165		X
780	0	1	THRUSH	FOREST				6/27/2011	V	45.379650	-118.325925		
781	10	1	HAWO	FOREST				6/27/2011	V	45.316951	-118.197970		X
781	10	1	CHSP	FOREST				6/27/2011	A	45.321876	-118.199255		
781	250	3	CHSP	FOREST				6/27/2011	A	45.379356	-118.325302		
782	100	1	WEWP	FOREST				6/27/2011	A	45.318358	-118.199870		
782	20	1	CHIPMUNK	FOREST				6/27/2011	V	45.321883	-118.199255		
782	0	1	DEJU	FOREST				6/27/2011	A	45.378286	-118.323360		
783	75	2	CHSP	FOREST				6/27/2011	A	45.318966	-118.200983		
783	0	2	MOCH-NEST	FOREST				6/27/2011	AV	45.321875	-118.199252	AT ACTIVE NEST	X
783	0	1	WETA	FOREST				6/27/2011	A	45.376163	-118.317128		
784	10	2	AMRO	FOREST				6/27/2011	AV	45.321874	-118.199265		
784	10	1	LAZB	RIPARIAN				6/27/2011	A	45.322226	-118.206142		
784	0	1	AMRO	FOREST				6/27/2011	A	45.376165	-118.317116		
784	0	1	AMRO	FOREST				6/27/2011	V	45.377491	-118.320914		
785	0	2	RECR	FOREST				6/27/2011	V	45.321869	-118.199260		
785	0	1	HOWR	GRASS				6/27/2011	A	45.322107	-118.204447		
785	50	1	BCCH-NEST	FOREST				6/27/2011	V	45.376186	-118.317101	NEST FOUND	X
785	300	1	YRWA	FOREST				6/27/2011	A	45.377500	-118.320915		
786	0	1	ROWR	GRASS				6/27/2011	AV	45.321263	-118.196826	ROCKY AREA	
786	200	1	WEME	GRASS				6/27/2011	A	45.321871	-118.199257		
786	0	1	PISI	FOREST				6/27/2011	A	45.375953	-118.316739		
786	500	1	WETA	FOREST				6/27/2011	A	45.377506	-118.320914		
787	20	5	CHIPMUNK	GRASS				6/27/2011	V	45.321104	-118.196562	ROCKY AREA	
787	50	1	HAWO	FOREST				6/27/2011	AV	45.321881	-118.199253	DRUMMING	X
787	200	1	CAVI	FOREST				6/27/2011	A	45.375148	-118.315328		
788	100	1	WEME	GRASS				6/27/2011	A	45.319318	-118.191444		
788	250	2	MGWA	FOREST				6/27/2011	A	45.374085	-118.312545		
789	0	1	MOBL	GRASS				6/27/2011	V	45.319222	-118.191351		
789	0	3	DEJU	FOREST				6/27/2011	AV	45.373556	-118.313164		
789	250	2	DEJU	FOREST				6/27/2011	A	45.374084	-118.312534		
790	0	2	VESP	GRASS				6/27/2011	AV	45.315677	-118.188388		
790	0	1	PISI	FOREST				6/27/2011	A	45.371575	-118.310088		
790	400	1	DOUGLAS TREE SQUIRREL	FOREST				6/27/2011	A	45.373566	-118.313174		
791	40	2	LAZB	RIPARIAN				6/27/2011	A	45.323810	-118.208672		
791	0	1	RECR	FOREST				6/27/2011	A	45.371335	-118.308636		
792	10	2	WETA	FOREST				6/27/2011	AV	45.325395	-118.210598		
793	0	1	AMRO	FOREST				6/27/2011	AV	45.328329	-118.214489		
794	500	1	RBNU	FOREST				6/27/2011	A	45.371352	-118.308653		X
795	150	2	CHSP	FOREST				6/27/2011	V	45.368838	-118.302609		
796	100	1	BCCH	FOREST				6/27/2011	A	45.365378	-118.295436		X
796	250	1	DOUGLAS TREE SQUIRREL	FOREST				6/27/2011	A	45.368626	-118.301843		
797	250	1	TOWA	FOREST				6/27/2011	A	45.365002	-118.293731		
797	50	1	DOUGLAS TREE SQUIRREL	FOREST				6/27/2011	A	45.365367	-118.295370		
797	50	3	CHSP	FOREST				6/27/2011	VA	45.367564	-118.299984		
798	250	1	WETA	FOREST				6/27/2011	A	45.364994	-118.293758		
798	200	2	WEWP	FOREST				6/27/2011	A	45.364997	-118.293752		
799	0	1	NOFL	FOREST				6/27/2011	V	45.363561	-118.291903		X
799	1000	1	TUVU	FOREST				6/27/2011	V	45.365115	-118.293700		
800	50	1	DUFL	FOREST				6/27/2011	A	45.362998	-118.290328		
800	0	1	RECR	FOREST				6/27/2011	A	45.362998	-118.290326		
801	250	1	WEME	GRASS				6/27/2011	A	45.362998	-118.290329		
802	500	1	MOBL	GRASS				6/27/2011	V	45.362994	-118.290328		
803	0	1	PISI	FOREST				6/27/2011	A	45.362957	-118.290305		
804	200	2	CHSP	FOREST				6/27/2011	A	45.362956	-118.290305		
805	0	1	RTHA-DEAD	FOREST				6/27/2011	CARCASS	45.362656	-118.288581		
806	50	1	WEWP	FOREST				6/27/2011	A	45.362652	-118.288235		
807	0	1	RECR	FOREST				6/27/2011	A	45.361725	-118.286182		
807	50	1	DOUGLAS TREE SQUIRREL	FOREST				6/27/2011	V	45.362593	-118.288004		
808	100	1	AMRO	FOREST				6/27/2011	A	45.361253	-118.285524		
809	100	1	CHSP	FOREST				6/27/2011	A	45.360597	-118.284309		
810	250	1	WEWP	FOREST				6/27/2011	A	45.360594	-118.284317		
811	0	6	RECR	FOREST				6/27/2011	AV	45.359737	-118.281560		
812	0	3	AMRO	FOREST				6/27/2011	V	45.359025	-118.280265		
812	250	1	WEWP	FOREST				6/27/2011	A	45.359033	-118.280250		
814	150	1	AMRO	FOREST				6/27/2011	V	45.359038	-118.280212		
815	0	1	CORA	FOREST				6/27/2011	V	45.358740	-118.279198		
816	0	1	NOFL	FOREST				6/27/2011	V	45.358639	-118.278822		X
817	750	10	ELK	FOREST	3JUV	7F		6/27/2011	V	45.356523	-118.274485		X
817	0	3	AMRO	FOREST				6/27/2011	V	45.358112	-118.277908		
818	150	1	AMRO	FOREST				6/27/2011	A	45.355919	-118.273664		
819	0	1	WEME	FOREST				6/27/2011	V	45.355564	-118.273189		
5659	50	1	LASP	SHRUB STEPPE				6/27/2011	V	44.621315	-117.472128		
5660	100	2	WEME	SHRUB STEPPE				6/27/2011	AV	44.621790	-117.474116		

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5661	50	1	MODO	SHRUB STEPPE				6/27/2011	V	44.621941	-117.474696		
5662	50	2	RTHA	SHRUB STEPPE				6/27/2011	VA	44.621736	-117.476579		
5663	50	2	WEKI	SHRUB STEPPE				6/27/2011	VA	44.621401	-117.477776		
5664	100	1	BUOR	SHRUB STEPPE				6/27/2011	A	44.621402	-117.477776		
5665	10	3	CLSW	SHRUB STEPPE				6/27/2011	V	44.621151	-117.478636		
5666	200	1	LASP	SHRUB STEPPE				6/27/2011	A	44.621152	-117.478636		
5700	200	1	LAZB	SHRUB				6/27/2011	A	44.558467	-117.399415		
5700	200	1	LAZB	SHRUB				6/27/2011	A	44.558467	-117.399415		
5701	100	2	BRBL	SHRUB				6/27/2011	A	44.558467	-117.399415		
5701	100	2	BRBL	SHRUB				6/27/2011	A	44.558467	-117.399415		
5702	250	2	WEME	SHRUB				6/27/2011	A	44.558467	-117.399415		
5702	250	2	WEME	SHRUB				6/27/2011	A	44.558467	-117.399415		
5703	500	2	CORA	SHRUB				6/27/2011	AV	44.558467	-117.399415		
5703	500	2	CORA	SHRUB				6/27/2011	AV	44.558467	-117.399415		
5704	100	3	LAZB	SHRUB				6/27/2011	A	44.560222	-117.397835		
5705	100	1	SPTO	SHRUB				6/27/2011	A	44.560251	-117.397838		
5706	100	3	WEME	SHRUB				6/27/2011	A	44.560234	-117.397847		
5708	300	1	SOSP	RIPARIAN				6/27/2011	A	44.560234	-117.397847		
5709	750	1	RTHA	SHRUB				6/27/2011	A	44.560207	-117.397836		
5711	300	1	BUOR	RIPARIAN				6/27/2011	A	44.560266	-117.396005		
5712	50	4	LAZB	SHRUB				6/27/2011	VA	44.560267	-117.396005		
5713	0	1	AMKE	SHRUB STEPPE				6/27/2011	V	44.561061	-117.393387		
5714	0	2	BRBL	SHRUB				6/27/2011	V	44.561112	-117.390367		
5715	200	3	WEME	SHRUB				6/27/2011	A	44.561112	-117.390367		
5716	250	1	COYE	RIPARIAN				6/27/2011	A	44.561112	-117.390367		
5717	200	1	CHUK	SHRUB STEPPE				6/27/2011	A	44.561179	-117.389570		
5718	100	4	LAZB	SHRUB				6/27/2011	A	44.561659	-117.386850		
5719	200	3	WEME	SHRUB				6/27/2011	A	44.561659	-117.386850		
5720	0	2	LAZB	SHRUB				6/27/2011	A	44.563798	-117.384230		
5721	0	1	WETA	RIPARIAN				6/27/2011	VA	44.564145	-117.383396		
5722	0	2	LAZB	RIPARIAN				6/27/2011	VA	44.564142	-117.383398		
5723	0	1	YWAR	RIPARIAN				6/27/2011	VA	44.564170	-117.383160		
5724	50	1	BHGR	RIPARIAN				6/27/2011	VA	44.564569	-117.382565		
5725	0	1	BHCO	RIPARIAN				6/27/2011	V	44.564733	-117.382465		
5726	200	1	RTHA	SHRUB				6/27/2011	V	44.564788	-117.382450		
5727	200	2	CORA	SHRUB				6/27/2011	V	44.564789	-117.382449		
5728	100	3	WEME	SHRUB STEPPE				6/27/2011	VA	44.566278	-117.382381		
5729	0	2	LAZB	SHRUB STEPPE				6/27/2011	VA	44.566279	-117.382380		
5730	0	4	CORA	SHRUB				6/27/2011	VA	44.567290	-117.382614		
5731	200	3	WEME	SHRUB STEPPE				6/27/2011	A	44.567786	-117.381193		
5732	100	3	LAZB	SHRUB STEPPE				6/27/2011	VA	44.567978	-117.380880		
5733	50	2	BRBL	SHRUB STEPPE				6/27/2011	VA	44.568225	-117.380483		
5734	50	1	MODO	SHRUB STEPPE				6/27/2011	V	44.568412	-117.380223		
5735	0	1	SNAKE	SHRUB STEPPE				6/27/2011	V	44.567435	-117.382252	BEIGE COLORED	
5736	100	3	LASP	SHRUB STEPPE				6/27/2011	A	44.567419	-117.382236		
5737	100	3	LAZB	SHRUB STEPPE				6/27/2011	A	44.567881	-117.384110		
5738	200	3	WEME	SHRUB STEPPE				6/27/2011	A	44.567881	-117.384110		
5739	200	2	LAZB	SHRUB STEPPE				6/27/2011	A	44.568687	-117.386366		
5740	100	2	WEME	SHRUB STEPPE				6/27/2011	A	44.569808	-117.386957		
5741	250	1	LASP	SHRUB STEPPE				6/27/2011	A	44.569808	-117.386957		
5742	250	1	ROWR	SHRUB STEPPE				6/27/2011	A	44.569808	-117.386957		
5743	100	3	LAZB	SHRUB STEPPE				6/27/2011	A	44.570816	-117.385650		
5744	200	30	WEME	SHRUB STEPPE				6/27/2011	A	44.570817	-117.385650		
5745	50	2	LAZB	SHRUB STEPPE				6/27/2011	A	44.570827	-117.384570		
5746	1000	2	WEME	SHRUB STEPPE				6/27/2011	VA	44.570828	-117.384569		
5747	500	1	ROWR	SHRUB STEPPE				6/27/2011	A	44.570829	-117.384567		
5748	100	2	BRSP	SHRUB STEPPE				6/27/2011	A	44.572538	-117.387182		
5749	100	1	BRSP	SHRUB STEPPE				6/27/2011	A	44.575147	-117.388775		
5750	0	2	BRSP	SHRUB STEPPE				6/27/2011	VA	44.575874	-117.389361		
5751	100	1	CONI	SHRUB STEPPE				6/27/2011	A	44.575875	-117.389364		X
5752	200	3	WEME	SHRUB STEPPE				6/27/2011	A	44.575875	-117.389363		
5753	300	1	MODO	SHRUB STEPPE				6/27/2011	A	44.575875	-117.389362		
5754	50	2	LASP	SHRUB STEPPE				6/27/2011	VA	44.575876	-117.389363		
5755	300	1	VESP	SHRUB STEPPE				6/27/2011	A	44.577112	-117.389488		
5766	100	1	BRSP	SHRUB STEPPE				6/27/2011	A	44.577114	-117.389486		
5767	100	10	LAZB	SHRUB STEPPE				6/27/2011	A	44.577114	-117.389485		
5768	200	2	WEME	SHRUB STEPPE				6/27/2011	A	44.577115	-117.389485		
5769	500	1	MODO	SHRUB STEPPE				6/27/2011	A	44.577115	-117.389485		
5770	100	1	LASP	SHRUB STEPPE				6/27/2011	A	44.577113	-117.389487		
5771	100	2	BRSP	SHRUB STEPPE				6/27/2011	A	44.577721	-117.389604		
5772	0	2	BRSP	SHRUB STEPPE				6/27/2011	VA	44.578270	-117.389862		
5773	50	1	AMKE	SHRUB STEPPE				6/27/2011	V	44.578267	-117.389862		
5774	200	1	BRSP	SHRUB STEPPE				6/27/2011	A	44.579518	-117.391098		
5775	250	2	WEME	SHRUB STEPPE				6/27/2011	A	44.579533	-117.391107		
5776	0	2	BRSP	SHRUB STEPPE				6/27/2011	VA	44.579327	-117.391817		

ID	DIST	QUANT	SPECIES	HABITAT	AGE	GENDER	PHOTO	DATE	OBSTYPE	LAT	LONG	COMMENTS	SSS
5777	250	1	LASP	SHRUB STEPPE				6/27/2011	A	44.579327	-117.391817		
5778	0	2	LAZB	SHRUB STEPPE				6/27/2011	VA	44.578936	-117.392018		
5779	50	1	WEWP	SHRUB STEPPE				6/27/2011	V	44.578648	-117.392152		
5780	100	3	BRSP	SHRUB STEPPE				6/27/2011	A	44.578648	-117.392151		
5781	300	1	CONI	SHRUB STEPPE				6/27/2011	A	44.578651	-117.392147		X
5782	100	2	LAZB	SHRUB STEPPE				6/27/2011	VA	44.578652	-117.392147		
5783	100	1	LAZB	SHRUB STEPPE				6/27/2011	A	44.577514	-117.392963		
5784	200	3	WEME	SHRUB STEPPE				6/27/2011	A	44.577512	-117.392963		
5785	50	4	BRSP	SHRUB STEPPE				6/27/2011	A	44.585563	-117.400595		
5786	0	1	CONI	SHRUB STEPPE				6/27/2011	V	44.585495	-117.400553		X
5787	50	1	BHCO	SHRUB STEPPE				6/27/2011	A	44.585120	-117.400290		
5788	100	1	LAZB	SHRUB STEPPE				6/27/2011	A	44.585119	-117.400288		
5789	50	2	LAZB	SHRUB STEPPE				6/27/2011	A	44.583966	-117.399684		
5790	100	2	TUVU	SHRUB STEPPE				6/27/2011	V	44.583967	-117.399681		
5791	50	1	BRSP	SHRUB STEPPE				6/27/2011	A	44.583969	-117.399682		
5792	0	1	RTHA	SHRUB STEPPE				6/27/2011	V	44.583970	-117.399682		
5793	100	2	WEME	SHRUB STEPPE				6/27/2011	A	44.583969	-117.399682		
5794	0	1	CHSP	SHRUB STEPPE				6/27/2011	VA	44.582648	-117.399444		
5795	0	2	LASP	SHRUB STEPPE				6/27/2011	VA	44.582648	-117.399444		
5796	500	1	ROWR	SHRUB STEPPE				6/27/2011	A	44.582353	-117.399306		
5797	50	3	LAZB	SHRUB STEPPE				6/27/2011	VA	44.581504	-117.399802		
5798	300	2	ROWR	SHRUB STEPPE				6/27/2011	A	44.582028	-117.409879		
5799	300	3	WEME	SHRUB STEPPE				6/27/2011	A	44.582932	-117.410829		
5800	100	1	LAZB	SHRUB STEPPE				6/27/2011	A	44.583020	-117.410845		
5801	50	2	BRSP	SHRUB STEPPE				6/27/2011	VA	44.583476	-117.411181		
5802	100	1	VGSW	SHRUB STEPPE				6/27/2011	V	44.583887	-117.410740		
5803	250	2	BRSP	SHRUB STEPPE				6/27/2011	A	44.583885	-117.410741		
5804	500	1	ROWR	SHRUB STEPPE				6/27/2011	A	44.583664	-117.410265		
5805	300	1	LASP	SHRUB STEPPE				6/27/2011	A	44.583726	-117.410300		
5806	100	2	CHSP	SHRUB STEPPE				6/27/2011	A	44.586022	-117.409717		
5807	0	1	LAZB	SHRUB STEPPE				6/27/2011	A	44.586020	-117.409721		
5808	100	2	AMKE	SHRUB STEPPE				6/27/2011	VA	44.586211	-117.409377		
5809	100	1	ROWR	SHRUB JUNIPER				6/27/2011	A	44.586127	-117.406513		
5810	100	2	CHSP	SAGE				6/27/2011	A	44.586225	-117.406012		
5811	250	2	WEME	SAGE				6/27/2011	A	44.585235	-117.404209		
5812	200	1	ROWR	SAGE				6/27/2011	A	44.584936	-117.404321		
5813	50	1	LAZB	SAGE				6/27/2011	A	44.584240	-117.403880		
5814	750	1	SWHA	SHRUB				6/27/2011	V	44.579132	-117.428797		X
5814	750	1	SWHA	SHRUB STEPPE				6/27/2011	V	44.579132	-117.428797		X
5815	0	2	CHSP	SHRUB				6/27/2011	VA	44.579132	-117.428797		
5815	0	2	CHSP	SHRUB STEPPE				6/27/2011	VA	44.579132	-117.428797		
5816	0	1	WEKI	SHRUB				6/27/2011	VA	44.579132	-117.428797		
5816	0	1	WEKI	SHRUB STEPPE				6/27/2011	VA	44.579132	-117.428797		
5817	50	1	HOFI	SHRUB				6/27/2011	A	44.579132	-117.428797		
5817	50	1	HOFI	SHRUB STEPPE				6/27/2011	A	44.579132	-117.428797		
5818	0	2	LASP	SHRUB STEPPE				6/27/2011	VA	44.579129	-117.428760		
5819	50	1	NOFL	SHRUB STEPPE				6/27/2011	A	44.579122	-117.428758		X
5820	300	1	WEME	SHRUB STEPPE				6/27/2011	A	44.580380	-117.430400		
5821	100	2	WEME	SHRUB STEPPE				6/27/2011	A	44.581656	-117.432460		
5822	200	1	LASP	SHRUB STEPPE				6/27/2011	A	44.581662	-117.432469		
5823	250	2	WEME	SHRUB STEPPE				6/27/2011	A	44.583061	-117.431175		
5824	0	1	WEKI	SHRUB STEPPE				6/27/2011	V	44.584986	-117.428849		
5825	100	2	WEME	SHRUB STEPPE				6/27/2011	VA	44.584986	-117.428843		
5826	0	1	WEKI	SHRUB STEPPE				6/27/2011	V	44.586563	-117.428251		
5827	100	1	BUOR	SHRUB STEPPE				6/27/2011	A	44.586592	-117.428258		
5828	200	2	WEME	SHRUB STEPPE				6/27/2011	A	44.586597	-117.428257		
5829	300	1	WEME	SHRUB STEPPE				6/27/2011	A	44.588938	-117.427748		
5830	0	1	KILL	SHRUB STEPPE				6/27/2011	A	44.590482	-117.427241		
5831	250	2	WEME	SHRUB STEPPE				6/27/2011	A	44.590743	-117.427012		
5832	300	2	BRSP	SHRUB STEPPE				6/27/2011	A	44.590742	-117.427013		
5833	200	2	WEME	SHRUB STEPPE				6/27/2011	A	44.591269	-117.424928		
5835	100	2	BRSP	SHRUB STEPPE				6/27/2011	A	44.591297	-117.429326		
5835	200	20	WEME	SHRUB STEPPE				6/27/2011	A	44.592874	-117.422634		
5836	250	2	WEME	SHRUB STEPPE				6/27/2011	A	44.591328	-117.429311		
5837	100	1	LASP	SHRUB STEPPE				6/27/2011	A	44.591329	-117.429309		
5838	100	1	BUOR	SHRUB STEPPE				6/27/2011	A	44.591329	-117.429309		
5839	200	1	BRSP	SHRUB STEPPE				6/27/2011	A	44.592033	-117.429727		
5840	200	3	WEME	SHRUB STEPPE				6/27/2011	VA	44.592793	-117.429813		
5844	200	2	LASP	SHRUB STEPPE				6/27/2011	A	44.603947	-117.444036		
5845	100	2	WEME	SHRUB STEPPE				6/27/2011	A	44.603943	-117.444017		
5846	200	1	VESP	SHRUB				6/27/2011	A	44.603443	-117.441361		
5847	100	2	WEME	SHRUB				6/27/2011	A	44.603445	-117.441365		
5848	100	2	LASP	SHRUB				6/27/2011	A	44.603442	-117.441361		
5849	100	2	VESP	SHRUB				6/27/2011	A	44.602829	-117.440612		
5850	100	1	LASP	SHRUB				6/27/2011	A	44.602833	-117.440610		

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5851	250	3	WEME	SHRUB				6/27/2011	A	44.602498	-117.439897		
5852	0	2	LASP	SHRUB STEPPE				6/27/2011	V	44.601975	-117.438814		
5853	100	40	WEME	SHRUB STEPPE				6/27/2011	A	44.601282	-117.437169		
5854	200	1	WEME	SHRUB				6/27/2011	A	44.600603	-117.438351		
5855	300	1	BRSP	SHRUB STEPPE				6/27/2011	A	44.600350	-117.437139		
5856	50	2	LASP	SHRUB STEPPE				6/27/2011	VA	44.600366	-117.437144		
5857	50	40	LASP	SHRUB STEPPE				6/27/2011	VA	44.599280	-117.435666		
5858	0	1	SWHA	SHRUB				6/27/2011	AV	44.597813	-117.432918		X
5859	500	1	LASP	SHRUB				6/27/2011	A	44.597186	-117.431505		
5860	50	2	WEKI	SHRUB STEPPE				6/27/2011	V	44.611172	-117.444799		
5861	0	2	LASP	SHRUB STEPPE				6/27/2011	V	44.611174	-117.444801		
5862	100	4	WEME	SHRUB STEPPE				6/27/2011	VA	44.611174	-117.444801		
5863	100	4	BRBL	SHRUB STEPPE				6/27/2011	VA	44.611173	-117.444801		
5864	0	3	EUST	GRASS				6/27/2011	VA	44.610915	-117.445797		
5865	100	2	WEME	SHRUB STEPPE				6/27/2011	A	44.609982	-117.447248		
5866	200	2	WEME	SHRUB STEPPE				6/27/2011	A	44.611448	-117.446710		
450	100	3	YRWA	FOREST				6/28/2011	AV	45.314056	-118.197094		
701	100	2	CEDW	RIPARIAN				6/28/2011	AV	45.325492	-118.242858		
800	0	1	SPSA	RIVER				6/28/2011	V	45.325463	-118.242952		
800	40	1	WEWP	FOREST				6/28/2011	A	45.377432	-118.307721		
801	50	1	RBNU	FOREST				6/28/2011	A	45.377403	-118.307721		X
802	0	1	NOFL	FOREST				6/28/2011	A	45.325454	-118.242975		X
802	0	1	HETH	FOREST				6/28/2011	AV	45.377066	-118.309063		
803	250	1	OCWA	FOREST				6/28/2011	A	45.325441	-118.243006		
803	0	1	NOFL	FOREST				6/28/2011	AV	45.376834	-118.310159		X
804	250	1	AMRO	FOREST				6/28/2011	A	45.325454	-118.242960		
804	60	1	OCWA	FOREST				6/28/2011	AV	45.376611	-118.311292		
805	50	2	WETA	FOREST				6/28/2011	AV	45.325349	-118.242236		
805	0	3	CHSP	FOREST				6/28/2011	AV	45.376373	-118.312483		
806	150	2	DEJU	FOREST				6/28/2011	A	45.325328	-118.242237		
806	500	1	WEWP	FOREST				6/28/2011	A	45.325338	-118.242222		
806	30	1	WETA	FOREST				6/28/2011	AV	45.376437	-118.313975		
807	50	1	AMRO	FOREST				6/28/2011	A	45.323288	-118.238723		
807	0	1	AMRO	FOREST				6/28/2011	AV	45.376437	-118.313975		
808	400	1	WEWP	FOREST				6/28/2011	A	45.323286	-118.238716		
808	0	1	MULE DEER	FOREST				6/28/2011	V	45.376403	-118.314058		
809	0	2	RECR	FOREST				6/28/2011	A	45.323282	-118.238743		
809	750	1	CONI	FOREST				6/28/2011	A	45.323286	-118.238743		X
809	50	1	RBNU	FOREST				6/28/2011	AV	45.376467	-118.314224		X
810	500	1	WEME	GRASS				6/28/2011	A	45.323272	-118.238747		
810	75	2	MOCH	FOREST				6/28/2011	A	45.376473	-118.314791		X
811	0	3	MOCH	FOREST				6/28/2011	AV	45.322871	-118.237684		X
811	10	4	CHSP	FOREST				6/28/2011	AV	45.376463	-118.314815		
812	0	3	CHSP	FOREST				6/28/2011	AV	45.322877	-118.237670		
812	20	1	TUVU	FOREST				6/28/2011	V	45.376495	-118.315132		
813	250	1	WEBL	FOREST				6/28/2011	V	45.322876	-118.237698		X
813	40	1	TOWA	FOREST				6/28/2011	A	45.380506	-118.325350		
814	400	1	HAWO	FOREST				6/28/2011	AV	45.322884	-118.236826		X
814	75	1	STJA	FOREST				6/28/2011	AV	45.380747	-118.325531		
815	500	1	MULE DEER	FOREST				6/28/2011	A	45.319216	-118.230800		
815	10	3	CHSP	FOREST				6/28/2011	A	45.381097	-118.325486		
816	20	1	WETA	FOREST				6/28/2011	A	45.381098	-118.325461		
817	0	2	RECR	FOREST				6/28/2011	A	45.319203	-118.230783		
817	30	1	AMRO	FOREST				6/28/2011	A	45.381548	-118.327162		
818	0	1	RTHA	GRASS				6/28/2011	V	45.319202	-118.230796		
818	0	3	PISI	FOREST				6/28/2011	AV	45.369241	-118.299994		
819	300	1	MULE DEER	FOREST				6/28/2011	V	45.319198	-118.230790		
819	0	3	CHIPMUNK	FOREST				6/28/2011	V	45.360663	-118.288342		
820	0	1	RBNU	FOREST				6/28/2011	A	45.319197	-118.230791		X
820	0	4	PYNU	FOREST				6/28/2011	AV	45.360718	-118.288569		X
821	200	1	GRSP	GRASS				6/28/2011	A	45.318098	-118.225245		X
821	20	1	CHSP	FOREST				6/28/2011	A	45.319199	-118.230811		
821	10	1	WEWP	FOREST				6/28/2011	A	45.360879	-118.287224		
822	0	1	NOFL	FOREST				6/28/2011	A	45.359695	-118.285475		X
823	400	1	WEWP	FOREST				6/28/2011	A	45.319197	-118.230811		
823	0	2	CHSP	FOREST				6/28/2011	A	45.359648	-118.285398		
824	100	3	VESP	GRASS				6/28/2011	AV	45.317327	-118.222270		
824	500	1	WEME	GRASS				6/28/2011	A	45.318094	-118.225238		
824	0	1	RTHA	GRASS				6/28/2011	AV	45.354638	-118.279640		
825	150	2	SAVS	GRASS				6/28/2011	A	45.317580	-118.221577		
825	0	1	AMRO	GRASS				6/28/2011	AV	45.355504	-118.279338		
825	10	1	NOFL	FOREST				6/28/2011	AV	45.358381	-118.281576		X
826	500	3	WEME	GRASS				6/28/2011	A	45.317547	-118.219430		
826	20	1	AMRO	GRASS				6/28/2011	V	45.358372	-118.281585		
827	500	2	AMRO	FOREST				6/28/2011	A	45.317920	-118.218274		

ID	DIST	QUANT	SPECIES	HABITAT	AGE	GENDER	PHOTO	DATE	OBSTYPE	LAT	LONG	COMMENTS	SSS
827	75	1	WEWP	FOREST				6/28/2011	A	45.358388	-118.281575		
828	0	20	EUST	GRASS				6/28/2011	VA	45.317663	-118.216889		
828	20	2	WEME	GRASS				6/28/2011	A	45.348891	-118.269203		
829	0	5	BHCO	GRASS				6/28/2011	V	45.317663	-118.216887		
829	0	4	CHSP	GRASS				6/28/2011	AV	45.349249	-118.268301		
830	500	1	AMKE	FOREST				6/28/2011	A	45.317656	-118.216813		
830	30	3	AMRO	GRASS				6/28/2011	A	45.349269	-118.268254		
831	50	2	CHSP	FOREST				6/28/2011	A	45.351442	-118.262751		
832	150	1	WEWP	FOREST				6/28/2011	A	45.351448	-118.262751		
833	0	1	BHCO	GRASS				6/28/2011	V	45.316104	-118.210531		
833	0	1	DUGR	GRASS				6/28/2011	V	45.332315	-118.251379		
834	200	2	WEME	GRASS				6/28/2011	A	45.329580	-118.251268		
835	0	1	RACER	GRASS				6/28/2011	V	45.327894	-118.248930		
836	0	2	RECR	FOREST				6/28/2011	A	45.315709	-118.206749		
837	50	3	CHSP	FOREST				6/28/2011	AV	45.315714	-118.206751		
838	300	2	WEWP	FOREST				6/28/2011	A	45.315727	-118.206749		
839	400	1	AMRO	FOREST				6/28/2011	A	45.315733	-118.206746		
840	50	1	DOUGLAS TREE SQUIRREL	FOREST				6/28/2011	V	45.315774	-118.206195		
841	0	1	AMRO	FOREST				6/28/2011	A	45.315683	-118.205294		
842	250	1	WETA	FOREST				6/28/2011	A	45.315893	-118.205058		
843	150	4	CHSP	FOREST				6/28/2011	A	45.315743	-118.204129		
844	50	6	CHSP	FOREST				6/28/2011	AV	45.315189	-118.202894		
845	0	1	CONI	FOREST				6/28/2011	AV	45.314146	-118.199289		X
845	100	1	MOCH	FOREST				6/28/2011	V	45.315178	-118.202887		X
846	300	1	WEWP	FOREST				6/28/2011	A	45.314134	-118.199292		
847	500	1	OSFL	FOREST				6/28/2011	A	45.314143	-118.199297		X
848	250	2	WAVI	RIPARIAN				6/28/2011	VA	45.313984	-118.196998		
848	200	1	YRWA	FOREST				6/28/2011	A	45.314133	-118.199299		
849	300	1	DUFL	FOREST				6/28/2011	V	45.314039	-118.197151		
851	200	4	WETA	FOREST				6/28/2011	A	45.314247	-118.196761		
851	250	1	GOLDEN-MANTLED GROUND SQUIRREL	FOREST				6/28/2011	V	45.314740	-118.195484		
853	250	1	HOWR	FOREST				6/28/2011	A	45.313970	-118.193650		
853	250	4	AMRO	FOREST				6/28/2011	AV	45.314753	-118.195493		
853	0	1	RECR	FOREST				6/28/2011	A	45.314763	-118.195480		
855	250	2	DUFL	FOREST				6/28/2011	AV	45.314455	-118.194734		
856	200	2	AMRO	FOREST				6/28/2011	A	45.313475	-118.191221		
858	0	1	MOCH	FOREST				6/28/2011	V	45.312979	-118.185752		X
858	250	1	DUGR	FOREST				6/28/2011	V	45.313771	-118.190514		
859	0	1	AMKE	FOREST				6/28/2011	A	45.312980	-118.185755		
861	0	1	STJA	FOREST				6/28/2011	V	45.312977	-118.185497		
862	100	1	CHSP	FOREST				6/28/2011	A	45.312976	-118.185503		
865	100	3	AMRO	FOREST				6/28/2011	A	45.312369	-118.183160		
866	100	1	DEJU	FOREST				6/28/2011	A	45.312371	-118.183158		
870	250	1	WEME	GRASS				6/28/2011	A	45.289047	-118.201076		
871	500	1	EUST	FOREST				6/28/2011	A	45.289045	-118.201073		
873	0	1	WEME	GRASS				6/28/2011	AV	45.286186	-118.199142		
935	250	1	RECR	FOREST				6/28/2011	A	45.289823	-118.201531		
5066	50	2	WEME	SHRUB				6/28/2011	VA	44.654025	-117.541091		
5067	100	3	WEME	SHRUB				6/28/2011	VA	44.653774	-117.539286		
5068	750	1	TUVU	SHRUB				6/28/2011	V	44.653344	-117.539253		
5069	100	1	GRSP	SHRUB				6/28/2011	A	44.653343	-117.539253		X
5070	0	6	VASW	SHRUB				6/28/2011		44.653006	-117.539587		
5071	0	1	WEME	SHRUB				6/28/2011	V	44.651061	-117.540177		
5072	100	1	WEME	SHRUB STEPPE				6/28/2011	A	44.652790	-117.536356		
5073	0	2	LASP	SHRUB STEPPE				6/28/2011	A	44.651992	-117.535558		
5074	0	1	LASP	SHRUB STEPPE				6/28/2011	V	44.651505	-117.535163		
5075	100	1	RTHA	SHRUB STEPPE				6/28/2011	V	44.651316	-117.534987		
5076	300	1	LAZB	SHRUB STEPPE				6/28/2011	A	44.650436	-117.531829		
5077	100	1	WEME	SHRUB STEPPE				6/28/2011	A	44.649497	-117.530459		
5078	0	2	HOLA	SHRUB STEPPE				6/28/2011	VA	44.649040	-117.530974		
5079	0	1	HOLA	SHRUB STEPPE				6/28/2011	V	44.648417	-117.532043		
5080	50	1	LAZB	SHRUB				6/28/2011	A	44.655023	-117.547535		
5081	100	1	LASP	SHRUB				6/28/2011	A	44.655023	-117.547535		
5081	100	10	LASP	SHRUB STEPPE				6/28/2011	A	44.655023	-117.547535		
5082	200	3	WEME	SHRUB				6/28/2011	A	44.655022	-117.547537		
5083	200	1	LASP	SHRUB				6/28/2011	A	44.656298	-117.547655		
5084	50	2	WEME	SHRUB				6/28/2011	VA	44.657897	-117.548909		
5085	250	2	LASP	SHRUB				6/28/2011	A	44.657912	-117.548894		
5086	0	3	HOLA	SHRUB				6/28/2011	VA	44.658655	-117.549963		
5086	0	30	HOLA	SHRUB STEPPE				6/28/2011	VA	44.658655	-117.549963		
5087	0	2	SAVS	SHRUB				6/28/2011	VA	44.658584	-117.550213		
5088	0	4	HOLA	SHRUB				6/28/2011	VA	44.657921	-117.551526		
5089	100	3	WEME	SHRUB				6/28/2011	VA	44.657921	-117.551526		
5090	100	2	HOLA	SHRUB				6/28/2011	A	44.656917	-117.552150		

ID	DIST	QUANT	SPECIES	HABITAT	AGE	GENDER	PHOTO	DATE	OBSTYPE	LAT	LONG	COMMENTS	SSS
5091	250	1	LASP	SHRUB				6/28/2011	A	44.656916	-117.552151		
5092	250	2	WEME	SHRUB				6/28/2011	A	44.656915	-117.552151		
5841	200	1	VESP	SHRUB STEPPE				6/28/2011	A	44.603027	-117.447828		
5842	750	1	PRONGHORN ANTELOPE	SHRUB STEPPE				6/28/2011	V	44.603041	-117.447804		
5843	200	2	WEME	SHRUB STEPPE				6/28/2011	A	44.603043	-117.447806		
5900	50	1	YWAR	SHRUB STEPPE				6/28/2011	A	44.631102	-117.517179		
5901	200	2	WEME	SHRUB STEPPE				6/28/2011	A	44.631448	-117.517321		
5902	100	4	BUOR	SHRUB STEPPE				6/28/2011	VA	44.631454	-117.517324		
5903	0	4	CLSW	SHRUB STEPPE				6/28/2011	VA	44.631487	-117.517349		
5904	50	2	AMRO	SHRUB STEPPE				6/28/2011	VA	44.631702	-117.517391		
5905	0	4	BRBL	SHRUB				6/28/2011	VA	44.632907	-117.517052		
5905	0	40	BRBL	SHRUB STEPPE				6/28/2011	VA	44.632907	-117.517052		
5906	0	1	TUVU	SHRUB STEPPE				6/28/2011	V	44.632999	-117.516965		
5907	0	20	EUST	SHRUB STEPPE				6/28/2011	VA	44.633001	-117.516965		
5908	50	2	WEKI	SHRUB STEPPE				6/28/2011	VA	44.633002	-117.516965		
5909	200	3	WEME	SHRUB STEPPE				6/28/2011	VA	44.633633	-117.516128		
5910	0	10	BRBL	SHRUB STEPPE				6/28/2011	VA	44.633824	-117.515656		
5911	2000	4	TUVU	SHRUB STEPPE				6/28/2011	V	44.633855	-117.513305		
5912	50	3	LASP	SHRUB STEPPE				6/28/2011	A	44.633854	-117.513304		
5913	50	2	NOFL	SHRUB STEPPE				6/28/2011	VA	44.633854	-117.513304		X
5914	50	3	WEME	SHRUB STEPPE				6/28/2011	VA	44.634174	-117.511178		
5915	1000	1	RTHA	SHRUB STEPPE				6/28/2011	A	44.634524	-117.509959		
5916	1000	2	RTHA	SHRUB STEPPE				6/28/2011	VA	44.635027	-117.515598		
5917	200	1	LAZB	SHRUB STEPPE				6/28/2011	A	44.635027	-117.515598		
5918	50	5	RWBL	SHRUB STEPPE				6/28/2011	V	44.635483	-117.515467		
5920	100	1	LASP	SHRUB STEPPE				6/28/2011	A	44.635928	-117.515247		
5921	50	1	CLSW	SHRUB STEPPE				6/28/2011	V	44.636779	-117.515099		
5922	100	1	BUOR	SHRUB				6/28/2011	A	44.636781	-117.515097		
5922	100	10	BUOR	SHRUB STEPPE				6/28/2011	A	44.636781	-117.515097		
5923	50	2	LASP	SHRUB STEPPE				6/28/2011	A	44.636782	-117.515095		
5924	200	3	WEME	SHRUB				6/28/2011	A	44.638858	-117.514668		
5924	200	3	WEME	SHRUB STEPPE				6/28/2011	A	44.638858	-117.514668		
5925	50	2	LASP	SHRUB				6/28/2011	A	44.638858	-117.514668		
5925	50	2	LASP	SHRUB STEPPE				6/28/2011	A	44.638858	-117.514668		
5926	0	5	BRBL	SHRUB				6/28/2011	VA	44.639283	-117.514601		
5926	0	50	BRBL	SHRUB STEPPE				6/28/2011	VA	44.639283	-117.514601		
5927	0	15	RWBL	SHRUB STEPPE				6/28/2011	VA	44.639427	-117.514636		
5928	0	4	LASP	SHRUB STEPPE				6/28/2011	VA	44.639428	-117.514636		
5929	200	4	WEME	SHRUB STEPPE				6/28/2011	A	44.641529	-117.515469		
5930	100	1	WEKI	SHRUB STEPPE				6/28/2011	A	44.641529	-117.515470		
5931	100	2	LASP	SHRUB STEPPE				6/28/2011	A	44.641530	-117.515471		
5932	0	1	CLSW	SHRUB STEPPE				6/28/2011	V	44.641175	-117.516430		
5933	3	100	WEME	SHRUB STEPPE				6/28/2011	A	44.640737	-117.517118		
5933	100	3	WEME	SHRUB				6/28/2011	A	44.640737	-117.517118		
5934	50	1	LASP	SHRUB STEPPE				6/28/2011	A	44.640740	-117.517118		
5935	100	2	WEME	SHRUB STEPPE				6/28/2011	A	44.640649	-117.518395		
5936	100	2	BRSP	SHRUB STEPPE				6/28/2011	A	44.641380	-117.515215		
5937	100	1	LASP	SHRUB STEPPE				6/28/2011	A	44.642543	-117.533720		
5938	100	2	LASP	SHRUB STEPPE				6/28/2011	A	44.643381	-117.532759		
5938	750	1	SWHA	SHRUB STEPPE				6/28/2011	VA	44.643726	-117.531633		X
5939	750	1	RTHA	SHRUB STEPPE				6/28/2011	V	44.643726	-117.531620		
5940	0	1	CAQU	SHRUB STEPPE				6/28/2011	V	44.643727	-117.531621		
5941	100	2	WEME	SHRUB STEPPE				6/28/2011	A	44.643729	-117.531626		
5942	50	1	LAZB	SHRUB STEPPE				6/28/2011	VA	44.643723	-117.531622		
5943	500	1	MULE DEER	SHRUB STEPPE				6/28/2011	V	44.643600	-117.530545		
5944	100	1	LASP	SHRUB STEPPE				6/28/2011	A	44.643599	-117.530544		
5945	1000	1	SWHA	SHRUB STEPPE				6/28/2011	VA	44.643599	-117.530543		X
5946	100	1	LAZB	SHRUB STEPPE				6/28/2011	A	44.643173	-117.529315		
5947	200	2	LASP	SHRUB STEPPE				6/28/2011		44.643172	-117.529315		
5948	750	2	RTHA	SHRUB				6/28/2011	V	44.647912	-117.544378		
5949	100	1	WEKI	SHRUB				6/28/2011	VA	44.647907	-117.544375		
5950	100	1	HOFI	SHRUB				6/28/2011	A	44.647905	-117.544376		
5951	1500	1	TUVU	SHRUB				6/28/2011	V	44.647903	-117.544377		
5952	0	1	RWBL	SHRUB				6/28/2011	V	44.647893	-117.544374		
5953	100	2	WEME	SHRUB				6/28/2011	A	44.648912	-117.545263		
5953	50	1	LAZB	SHRUB				6/28/2011	A	44.650289	-117.546467		
5954	50	1	WEME	SHRUB				6/28/2011	A	44.650289	-117.546468		
5955	0	3	VASW	SHRUB STEPPE				6/28/2011		44.651210	-117.547026		
5956	0	1	MODO	SHRUB				6/28/2011	V	44.651224	-117.547030		
5957	50	2	LAZB	SHRUB				6/28/2011	A	44.653966	-117.545795		
5958	100	2	WEME	SHRUB				6/28/2011	A	44.654446	-117.544475		
5960	50	1	GRSP	SHRUB				6/28/2011	A	44.654470	-117.543679		X
5961	50	1	CHSP	SHRUB				6/28/2011		44.654422	-117.543405		
5962	200	1	BRSP	SHRUB				6/28/2011	A	44.654425	-117.543405		
5963	200	1	LASP	SHRUB				6/28/2011	A	44.654424	-117.543405		

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5964	50	1	BRSP	SHRUB				6/28/2011	A	44.654161	-117.542034		
5965	0	1	LAZB	SHRUB				6/28/2011	VA	44.654025	-117.541091		
8331	0	2	RECR	GRASS				6/28/2011	A	45.316541	-118.212885		
874	250	1	WEME	GRASS				6/29/2011	A	45.284584	-118.197052		
875	500	2	WEME	GRASS				6/29/2011	A	45.283766	-118.195859		
876	750	1	AMRO	FOREST				6/29/2011	A	45.283129	-118.196101		
877	0	1	WHITE-TAILED DEER	GRASS		F		6/29/2011	V	45.280527	-118.193490		
878	0	2	WEME	GRASS				6/29/2011	V	45.280520	-118.193477		
879	100	1	WEME	GRASS				6/29/2011	A	45.274634	-118.189685		
879	500	4	WEME	GRASS				6/29/2011	A	45.275917	-118.189832		
880	100	1	MOBL	GRASS				6/29/2011	V	45.274794	-118.187538		
881	50	2	SAVS	GRASS				6/29/2011	A	45.274803	-118.187538		
882	0	1	HOLA	GRASS				6/29/2011	V	45.275472	-118.188052		
883	0	1	WEME	GRASS				6/29/2011	V	45.277078	-118.189323		
884	50	1	VESP	GRASS				6/29/2011	A	45.278228	-118.189795		
885	250	2	WEME	GRASS				6/29/2011	A	45.278232	-118.189795		
900	0	1	MOBL	GRASS				6/29/2011	V	45.305959	-118.210896		
900	100	4	VESP	GRASS				6/29/2011	AV	45.316766	-118.226784		
901	0	2	WEME	GRASS				6/29/2011	AV	45.305920	-118.211664		
901	250	2	WEME	GRASS				6/29/2011	A	45.316731	-118.226719		
902	100	2	SAVS	GRASS				6/29/2011	AV	45.305922	-118.211663		
902	250	3	WEME	GRASS				6/29/2011	AV	45.314498	-118.223118		
903	100	1	GRSP	GRASS				6/29/2011	A	45.306022	-118.213222		X
903	250	1	NOFL	FOREST				6/29/2011	V	45.314488	-118.223135		X
904	400	3	WEME	GRASS				6/29/2011	AV	45.295905	-118.208662		
904	150	1	GRSP	GRASS				6/29/2011	A	45.314473	-118.223068		X
905	75	3	WEME	GRASS				6/29/2011	AV	45.284768	-118.196064		
905	200	1	MALL	GRASS				6/29/2011	V	45.310732	-118.220213		
906	150	1	RWBL	GRASS				6/29/2011	AV	45.310739	-118.220215		
906	0	3	WEME	GRASS				6/29/2011	AV	45.315140	-118.218356		
907	200	1	EUST	GRASS				6/29/2011	V	45.310738	-118.220214		
907	0	2	VESP	GRASS				6/29/2011	AV	45.315182	-118.218912		
908	500	1	AMKE	FOREST		M		6/29/2011	V	45.310208	-118.219514		
908	0	2	GRSP	GRASS				6/29/2011	A	45.315158	-118.219187		X
909	500	2	WEME	GRASS				6/29/2011	A	45.310174	-118.219474		
910	50	1	GRSP	GRASS				6/29/2011	A	45.307275	-118.216786		X
910	0	3	BRBL	GRASS				6/29/2011	AV	45.314260	-118.217794		
910	0	3	COGR	GRASS				6/29/2011	AV	45.314260	-118.217794		
911	250	2	WEME	GRASS				6/29/2011	A	45.307281	-118.216783		
911	0	2	WEME	GRASS				6/29/2011	AV	45.314233	-118.217782		
912	250	1	SAVS	GRASS				6/29/2011	A	45.306535	-118.216144		
912	0	8	BRBL	FOREST MEADOW				6/29/2011	AV	45.312485	-118.217607		
913	100	1	GRSP	GRASS				6/29/2011	A	45.306532	-118.216144		X
914	50	1	GRSP	GRASS				6/29/2011	A	45.306507	-118.216129		X
914	0	2	AMRO	FOREST MEADOW				6/29/2011	AV	45.312048	-118.217390		
915	200	1	SAVS	GRASS				6/29/2011	A	45.305099	-118.214873		
915	0	3	CHSP	FOREST				6/29/2011	AV	45.310819	-118.216219		
916	0	2	WEBL	FOREST MEADOW				6/29/2011	V	45.310897	-118.215274		X
917	400	2	SAVS	GRASS				6/29/2011	A	45.303257	-118.213383		
917	0	1	WEME	FOREST MEADOW				6/29/2011	AV	45.310904	-118.215273		
917	0	1	WEME	FOREST MEADOW				6/29/2011	AV	45.310904	-118.215273		
918	400	3	WEME	GRASS				6/29/2011	A	45.303054	-118.213189		
919	250	1	GRSP	GRASS				6/29/2011	A	45.302465	-118.212686		X
919	0	3	PISI	FOREST				6/29/2011	V	45.311464	-118.215555		
920	50	1	TERRESTRIAL GARTER SNAKE	GRASS				6/29/2011	V	45.300792	-118.210735		
920	0	2	CHSP	FOREST				6/29/2011	A	45.312149	-118.216269		
921	100	1	SAVS	GRASS				6/29/2011	A	45.300793	-118.210738		
921	0	1	NOFL	FOREST MEADOW				6/29/2011	V	45.312494	-118.216393		X
922	250	2	WEME	GRASS				6/29/2011	A	45.300793	-118.210738		
922	0	2	AMRO	FOREST MEADOW				6/29/2011	AV	45.312637	-118.216407		
923	150	1	SAVS	GRASS				6/29/2011	A	45.300793	-118.210738		
923	0	2	WEME	GRASS				6/29/2011	V	45.313180	-118.216686		
924	250	1	GRSP	GRASS				6/29/2011	A	45.300793	-118.210739		X
926	0	1	WEME	GRASS				6/29/2011	V	45.299072	-118.209844		
927	150	1	SAVS	GRASS				6/29/2011	A	45.299068	-118.209842		
928	250	1	SAVS	GRASS				6/29/2011	A	45.297326	-118.208586		
928	500	2	RECR	GRASS				6/29/2011	A	45.299070	-118.209822		
930	200	1	VESP	GRASS				6/29/2011	A	45.296447	-118.207793		
931	250	1	BBMA	FOREST				6/29/2011	A	45.295395	-118.207221		
933	500	1	RWBL	GRASS				6/29/2011	A	45.295395	-118.207220		
934	250	4	WEME	GRASS				6/29/2011	A	45.295395	-118.207222		
6100	100	3	LAZB	SHRUB STEPPE				6/29/2011	A	44.490529	-117.356606		
6101	250	3	WEME	SHRUB STEPPE				6/29/2011	A	44.490529	-117.356606		
6102	100	1	LAZB	SHRUB STEPPE				6/29/2011	A	44.491645	-117.355855		

ID	DIST	QUANT	SPECIES	HABITAT	AGE	GENDER	PHOTO	DATE	OBSTYPE	LAT	LONG	COMMENTS	SSS
6103	100	2	WEME	SHRUB STEPPE				6/29/2011	A	44.491661	-117.355836		
6104	0	1	MODO	SHRUB STEPPE				6/29/2011	V	44.492753	-117.354972		
6105	300	1	WEME	SHRUB STEPPE				6/29/2011	A	44.493537	-117.354500		
6106	100	1	WEME	SHRUB STEPPE				6/29/2011	A	44.492703	-117.357291		
6107	0	2	LASP	SHRUB STEPPE				6/29/2011	VA	44.492696	-117.357304		
6108	100	1	LAZB	SHRUB STEPPE				6/29/2011	A	44.492698	-117.357309		
6109	200	1	NOFL	SHRUB STEPPE				6/29/2011	A	44.492045	-117.357944		X
6110	0	1	LAZB	SHRUB STEPPE				6/29/2011	VA	44.492993	-117.357111		
6111	50	4	WEME	SHRUB STEPPE				6/29/2011	VA	44.493900	-117.357593		
6112	50	2	CHUK	SHRUB STEPPE				6/29/2011	VA	44.493904	-117.357600		
6113	100	2	BUOR	SHRUB STEPPE				6/29/2011	A	44.494739	-117.358572		
6114	0	2	BUOR	SHRUB STEPPE				6/29/2011	VA	44.493901	-117.359726		
6115	100	1	LAZB	SHRUB STEPPE				6/29/2011	A	44.493901	-117.359725		
6116	250	1	WEME	SHRUB STEPPE				6/29/2011	A	44.494431	-117.359952		
6117	50	2	WEME	SHRUB STEPPE				6/29/2011	A	44.495309	-117.360563		
6118	100	1	CHUK	SHRUB STEPPE				6/29/2011	A	44.495440	-117.360290		
6119	50	2	LASP	SHRUB STEPPE				6/29/2011	A	44.495624	-117.359523		
6120	0	1	WEME	SHRUB STEPPE				6/29/2011	VA	44.496282	-117.360648		
6121	50	1	LAZB	SHRUB STEPPE				6/29/2011	A	44.495974	-117.361208		
6123	50	1	BUOR	SHRUB STEPPE				6/29/2011	A	44.496960	-117.361533		
6124	300	1	WEME	SHRUB STEPPE				6/29/2011	A	44.496960	-117.361534		
6125	100	1	WEKI	SHRUB STEPPE				6/29/2011	A	44.496964	-117.361535		
6126	200	1	WEME	SHRUB STEPPE				6/29/2011	A	44.498357	-117.361591		
1	20	1	RED SQUIRREL	FOREST				7/14/2011	A	45.247431	-118.099961		
2	10	1	AMRO	FOREST				7/14/2011	AV	45.246621	-118.100597		
3	50	1	WETA	FOREST				7/14/2011	A	45.246415	-118.100761		
4	20	1	RCKI	FOREST				7/14/2011	A	45.246391	-118.100743		
5	30	1	MOCH	FOREST				7/14/2011	A	45.246511	-118.104504		X
6	20	1	CHSP	FOREST				7/14/2011	A	45.246128	-118.105491		
7	20	1	RBNU	FOREST				7/14/2011	A	45.247563	-118.099910		X
8	500	2	RTHA	FOREST				7/14/2011	AV	45.200794	-118.040768		
9	20	1	RED SQUIRREL	FOREST				7/14/2011	A	45.203941	-118.040741		
10	20	1	CHIPMUNK	FOREST				7/14/2011	V	45.204010	-118.040844		
11	50	1	AMRO	FOREST				7/14/2011	A	45.204006	-118.040864		
12	10	3	SPTO	FOREST				7/14/2011	AV	45.203958	-118.040806		
13	10	1	CHIPMUNK	ROCKS				7/14/2011	V	45.203618	-118.042203		
14	20	2	LAZB	FOREST				7/14/2011	AV	45.208941	-118.051060		
15	0	1	GOLDEN-MANTLED GROUND SQUIRREL	FOREST				7/14/2011	V	45.208330	-118.051496		
16	750	2	CONI	GRASS				7/14/2011	A	45.207926	-118.051816		X
17	10	1	WETA	FOREST		M		7/14/2011	AV	45.206637	-118.054695		
18	20	1	LAZB	FOREST				7/14/2011	A	45.206613	-118.054680		
19	10	1	HOWR	FOREST				7/14/2011	AV	45.206146	-118.055068		
19	10	1	GOLDEN-MANTLED GROUND SQUIRREL	FOREST				7/14/2011	V	45.206148	-118.055072		
21	10	5	CHIPMUNK	FOREST				7/14/2011	V	45.206148	-118.055073		
22	20	1	SPTO	FOREST				7/14/2011	AV	45.206150	-118.055077		
23	20	1	WEBL	FOREST		M		7/14/2011	V	45.206146	-118.055076		X
24	0	2	MGWA	FOREST		MF		7/14/2011	AV	45.208295	-118.055371	MACGILLIVRAY'S WARBLER	
25	40	1	BCCH	FOREST				7/14/2011	A	45.208358	-118.054775		X
26	200	2	WEME	GRASS				7/14/2011	A	45.209374	-118.052267		
27	30	1	AMKE	GRASS				7/14/2011	V	45.209374	-118.052270		
28	30	1	WEBL	FOREST				7/14/2011	V	45.209894	-118.051957		X
28	0	5	CHSP	FOREST				7/14/2011	AV	45.209894	-118.051956		
29	0	5	RECR	FOREST				7/14/2011	AV	45.210083	-118.051919		
30	0	2	MOCH	FOREST				7/14/2011	AV	45.210082	-118.051919		X
100	500	1	TUVU	FOREST				7/14/2011	V	45.205506	-118.059111		
101	100	2	CHSP	FOREST				7/14/2011	A	45.205488	-118.058948		
102	750	1	HETH	FOREST				7/14/2011	A	45.205488	-118.058948		
103	50	2	HOWR	FOREST				7/14/2011	A	45.205509	-118.059007		
31	30	1	WETA	FOREST				7/15/2011	AV	45.209588	-118.058332		
32	0	3	MOBL	FOREST				7/15/2011	V	45.209575	-118.058346		
33	10	1	CHSP	FOREST				7/15/2011	A	45.209747	-118.057828		
34	0	2	WISA	FOREST				7/15/2011	AV	45.209756	-118.057832		X
35	0	1	CHIPMUNK	FOREST				7/15/2011	V	45.212398	-118.054910		
36	0	1	CHSP	FOREST				7/15/2011	V	45.213149	-118.054177	ACTIVE NEST 3 EGGS	
39	30	1	WEWP	FOREST				7/15/2011	A	45.212805	-118.054479		
40	50	1	WETA	FOREST				7/15/2011	A	45.212896	-118.054348		
41	10	5	CHIPMUNK	FOREST				7/15/2011	AV	45.213709	-118.055789		
42	50	1	CHSP	FOREST				7/15/2011	A	45.213699	-118.055799		
43	30	1	AMRO	FOREST				7/15/2011	AV	45.214033	-118.055884		
44	0	3	HAWO	FOREST				7/15/2011	AV	45.214102	-118.055860		X
45	30	1	CAFI	FOREST				7/15/2011	V	45.214107	-118.055858		
46	30	1	PYNU	FOREST				7/15/2011	V	45.214161	-118.055833		X
105	0	2	BCCH	FOREST				7/15/2011	AV	45.206027	-118.056373		X

ID	DIST	QUANT	SPECIES	HABITAT	AGE	GENDER	PHOTO	DATE	OBSTYPE	LAT	LONG	COMMENTS	SSS
106	10	1	CHIPMUNK	FOREST				7/15/2011	V	45.206139	-118.056281		
107	0	3	OCWA	FOREST				7/15/2011	AV	45.206137	-118.056312		
108	10	5	DEJU	FOREST				7/15/2011	V	45.206223	-118.056404		
109	0	2	WEWP	FOREST				7/15/2011	AV	45.206295	-118.056465		
110	20	2	BHCO	FOREST				7/15/2011	AV	45.206299	-118.056406		
113	0	1	WETA	FOREST				7/15/2011	AV	45.206295	-118.056404		
114	0	1	AMRO	FOREST				7/15/2011	V	45.206299	-118.056409		
115	20	1	CHSP	FOREST				7/15/2011	A	45.206312	-118.056421		
116	0	3	MOCH	FOREST				7/15/2011	AV	45.206205	-118.056408		X
119	30	1	CAVI	FOREST				7/15/2011	AV	45.206045	-118.056391		
120	0	1	NOFL	FOREST				7/15/2011	AV	45.205898	-118.055867		X
121	40	1	WEBL	FOREST				7/15/2011	V	45.205521	-118.055670		X
122	0	2	CHIPMUNK	FOREST				7/15/2011	V	45.205341	-118.055629		
123	10	1	CHSP	FOREST				7/15/2011	A	45.206037	-118.055756		
124	50	1	DUFL	FOREST				7/15/2011	A	45.204862	-118.055438		
125	50	1	WETA	FOREST				7/15/2011	AV	45.203271	-118.057748		
126	10	1	CHSP	FOREST				7/15/2011	A	45.202010	-118.057117		
127	40	1	AMRO	FOREST				7/15/2011	A	45.201876	-118.057068		
128	40	2	CHSP	FOREST				7/15/2011	V	45.199572	-118.054417		
129	0	2	HOWR	FOREST				7/15/2011	AV	45.198845	-118.051091		
130	0	3	DUGR	RIPARIAN	JUV			7/15/2011	V	45.198950	-118.051185		
131	30	1	SPTO	FOREST				7/15/2011	A	45.199237	-118.051215		
132	0	1	MGWA	RIPARIAN				7/15/2011	AV	45.198997	-118.051163	MACGILLIVRAY'S WARBLER	
133	10	1	OCWA	RIPARIAN				7/15/2011	A	45.199471	-118.051126		
134	20	2	CHSP	FOREST				7/15/2011	AV	45.199474	-118.051128		
135	0	1	DUGR	FOREST				7/15/2011	V	45.200368	-118.049458		
136	50	1	HOWR	FOREST				7/15/2011	AV	45.200373	-118.049451		
137	50	2	SPTO	FOREST				7/15/2011	AV	45.200352	-118.049460		
138	0	1	AMKE	FOREST				7/15/2011	AV	45.200846	-118.047906		
139	0	2	SPTO	FOREST				7/15/2011	AV	45.200828	-118.047912		
140	1000	1	RTHA	GRASS				7/15/2011	AV	45.200837	-118.047904		
141	40	1	NOFL	FOREST				7/15/2011	A	45.180542	-118.035216		X
142	0	1	GOLDEN-MANTLED GROUND SQUIRREL	FOREST				7/15/2011	V	45.182783	-118.035537		
144	20	1	LAZB	FOREST				7/15/2011	A	45.182778	-118.035527		
145	300	1	AMKE	FOREST				7/15/2011	A	45.186004	-118.038073		
146	30	1	AMRO	FOREST				7/15/2011	A	45.186912	-118.037956		
147	10	1	GOLDEN-MANTLED GROUND SQUIRREL	FOREST				7/15/2011	V	45.186906	-118.037953		
148	500	1	RTHA	FOREST				7/15/2011	A	45.187898	-118.037856		
149	0	1	HOWR	FOREST				7/15/2011	AV	45.189489	-118.039132		
150	50	2	WEWP	FOREST				7/15/2011	A	45.191371	-118.040629		
151	10	1	WETA	FOREST				7/15/2011	A	45.191360	-118.040666		
152	0	2	AMRO	FOREST				7/15/2011	AV	45.192387	-118.041188		
154	10	1	SPTO	FOREST				7/15/2011	AV	45.192397	-118.041186		
155	50	1	NOFL	FOREST				7/15/2011	AV	45.192399	-118.041203		X
156	0	1	WISA	FOREST				7/15/2011	V	45.192391	-118.041203	WILLIAMSON'S SAPSUCKER	X
157	10	4	CHSP	FOREST				7/15/2011	AV	45.192389	-118.041205		
158	40	3	HAWO	FOREST				7/15/2011	AV	45.192377	-118.041190	FAMILY GROUP	X
159	40	1	OCWA	FOREST				7/15/2011	A	45.192503	-118.041212		
160	30	2	AMRO	FOREST				7/15/2011	AV	45.192502	-118.041210		
161	10	4	CHSP	FOREST				7/15/2011	AV	45.192090	-118.039137		
162	0	2	COLUMBIAN GROUND SQUIRREL	FOREST				7/15/2011	V	45.192108	-118.039149		
163	0	2	HOWR	FOREST				7/15/2011	AV	45.192348	-118.038940		
164	0	2	CAHU	FOREST				7/15/2011	AV	45.193319	-118.037857	CALLIOPE HUMMINGBIRD	X
165	50	1	DEJU	FOREST				7/15/2011	AV	45.193318	-118.037861		
166	0	2	AMRO	FOREST	JUV			7/15/2011	V	45.193316	-118.037859		
167	20	2	CHSP	FOREST				7/15/2011	A	45.193199	-118.037406		
168	20	1	HOWR	FOREST				7/15/2011	AV	45.193652	-118.037403		
169	20	1	LAZB	FOREST				7/15/2011	A	45.193651	-118.037402		
170	0	1	RTHA	FOREST				7/15/2011	AV	45.193308	-118.036897		
171	100	1	RCKI	FOREST				7/15/2011	A	45.192157	-118.034551		
172	10	1	CHSP	FOREST				7/15/2011	V	45.192677	-118.034418		
173	20	1	HOWR	FOREST				7/15/2011	AV	45.193240	-118.034468		
174	20	1	GOLDEN-MANTLED GROUND SQUIRREL	FOREST				7/15/2011	V	45.193241	-118.034470		
175	20	2	RECR	FOREST				7/15/2011	AV	45.193015	-118.034451		
176	100	1	CLNU	FOREST				7/15/2011	AV	45.193075	-118.036275		
177	0	1	RECR	FOREST				7/15/2011	AV	45.189019	-118.037803		
178	10	1	CHIPMUNK	FOREST				7/15/2011	V	45.187538	-118.033188		
179	30	2	MOCH	FOREST				7/15/2011	AV	45.187580	-118.032649		X
180	0	1	AMKE	FOREST		M		7/15/2011	V	45.187580	-118.032654	W FOOD	
181	10	1	CHIPMUNK	FOREST				7/15/2011	V	45.187581	-118.032652		
182	0	3	DEJU	FOREST				7/15/2011	AV	45.187413	-118.032455		

ID	DIST	QUANT	SPECIES	HABITAT	AGE	GENDER	PHOTO	DATE	OBSTYPE	LAT	LONG	COMMENTS	SSS
183	0	5	CHSP	FOREST				7/15/2011	AV	45.187387	-118.032450		
184	10	2	COLUMBIAN GROUND SQUIRREL	FOREST				7/15/2011	AV	45.187475	-118.031136		
185	10	1	CHIPMUNK	FOREST				7/15/2011	V	45.187496	-118.031069		
186	40	1	OCWA	FOREST				7/15/2011	A	45.187655	-118.030429		
187	30	1	RCKI	FOREST				7/15/2011	A	45.187696	-118.029072		
188	50	1	HETH	FOREST				7/15/2011	A	45.187684	-118.029072		
189	0	1	CHSP	FOREST				7/15/2011	AV	45.186988	-118.028245		
190	10	1	DEJU	FOREST				7/15/2011	AV	45.187004	-118.028234		
191	100	1	AMKE	FOREST				7/15/2011	V	45.186666	-118.027370		
192	20	2	CHSP	FOREST				7/15/2011	A	45.186590	-118.026345		
193	0	1	BADGER	FOREST				7/15/2011	V	45.187048	-118.028287		
195	0	9	RWBL	WET MEADOW				7/15/2011	AV	45.194732	-118.011584		
196	0	3	BARS	WET MEADOW				7/15/2011	AV	45.195200	-118.012725		
194	0	3	SOSP	RIPARIAN				7/16/2011	AV	45.194016	-118.009855		
197	0	4	RWBL	WET MEADOW				7/16/2011	AV	45.193782	-118.011711		
198	0	2	WISN	WET MEADOW				7/16/2011	AV	45.193694	-118.011568	WILSON'S SNIPE	
199	20	1	LAZB	SHRUB				7/16/2011	A	45.193857	-118.009601		
200	10	3	CEDW	RIPARIAN				7/16/2011	AV	45.193896	-118.009098		
201	0	3	BARS	GRASS				7/16/2011	AV	45.198458	-118.014606		
202	20	1	BHGR	SHRUB				7/16/2011	AV	45.198117	-118.015502	GROSBEAK	
203	30	6	GROUND SQUIRREL	GRASS				7/16/2011	AV	45.198108	-118.015448		
204	0	1	EUST	GRASS				7/16/2011	V	45.197665	-118.016395		
205	0	3	SPTO	SHRUB				7/16/2011	AV	45.196650	-118.017598		
205	10	3	CEDW	SHRUB				7/16/2011	AV	45.197332	-118.016697		
206	50	1	LAZB	SHRUB				7/16/2011	A	45.196971	-118.020475		
207	0	2	AMRO	SHRUB				7/16/2011	V	45.196969	-118.020476		
208	100	3	SPTO	SHRUB				7/16/2011	A	45.196964	-118.020486		
209	100	2	CEDW	SHRUB				7/16/2011	A	45.196945	-118.020550		
210	0	5	RWBL	SHRUB				7/16/2011	AV	45.196447	-118.021531		
211	10	2	DEJU	SHRUB				7/16/2011	V	45.196439	-118.021539		
212	0	1	BCHU	SHRUB				7/16/2011	V	45.196435	-118.021537		
213	0	1	RTHA	SHRUB				7/16/2011	V	45.196440	-118.021542		
214	0	1	PRFA	SHRUB				7/16/2011	AV	45.196439	-118.021540		X
215	0	1	CHSP	FOREST				7/16/2011	AV	45.195453	-118.023261		
216	0	2	SPTO	FOREST				7/16/2011	AV	45.195463	-118.023255		
217	30	2	BHCO	FOREST				7/16/2011	A	45.195450	-118.023212		
218	20	1	WETA	FOREST				7/16/2011	A	45.195026	-118.023552		
219	10	3	WETA	FOREST				7/16/2011	AV	45.195556	-118.024858		
220	30	1	OCWA	FOREST				7/16/2011	A	45.195545	-118.024860		
221	0	3	AMRO	FOREST				7/16/2011	AV	45.195551	-118.024856		
222	0	1	CHIPMUNK	FOREST				7/16/2011	V	45.195656	-118.024820		
223	20	1	RECR	FOREST				7/16/2011	AV	45.195893	-118.024788		
224	10	3	CHSP	FOREST				7/16/2011	AV	45.195915	-118.024900		
225	0	1	CHIPMUNK	FOREST				7/16/2011	V	45.195848	-118.025294		
226	50	1	VESP	SHRUB STEPPE				7/16/2011	A	45.195853	-118.025377		
227	0	5	AMRO	FOREST				7/16/2011	AV	45.195198	-118.026556	FAMILY GROUP	
228	20	2	WEME	SHRUB				7/16/2011	AV	45.194629	-118.027041		
229	10	1	NOFL	FOREST				7/16/2011	AV	45.194634	-118.027035		X
230	0	7	CEDW	FOREST				7/16/2011	AV	45.193767	-118.027490		
231	30	2	CHSP	FOREST				7/16/2011	A	45.193766	-118.027494		
232	1000	1	TUVU	SHRUB				7/16/2011	V	45.193468	-118.027408		
233	20	2	RECR	FOREST				7/16/2011	AV	45.193412	-118.027362		
234	10	3	CHSP	FOREST				7/16/2011	AV	45.193545	-118.029697		
235	10	2	AMRO	FOREST				7/16/2011	AV	45.193547	-118.029697		
236	0	1	GOLDEN-MANTLED GROUND SQUIRREL	FOREST				7/16/2011	V	45.193769	-118.030771		
237	20	1	DEJU	FOREST				7/16/2011	A	45.192186	-118.028960		
238	0	1	MODO	FOREST				7/16/2011	AV	45.192177	-118.026627		
239	10	5	WEME	SHRUB				7/16/2011	AV	45.190311	-118.026058		
240	100	2	VESP	SHRUB				7/16/2011	AV	45.190312	-118.026057		
241	0	1	CAHU	SHRUB				7/16/2011	V	45.190256	-118.026056		X
242	10	2	RECR	FOREST				7/16/2011	AV	45.185661	-118.025763		
243	100	1	WEWP	FOREST				7/16/2011	A	45.184176	-118.025666		
244	50	1	AMRO	FOREST				7/16/2011	A	45.184190	-118.025640		
245	10	3	GOLDEN-MANTLED GROUND SQUIRREL	SHRUB				7/16/2011	AV	45.183666	-118.025480		
246	20	3	VESP	SHRUB				7/16/2011	A	45.180660	-118.020820		
247	0	3	VESP	SHRUB				7/16/2011	V	45.179736	-118.020187		
248	20	2	AMRO	SHRUB				7/16/2011	AV	45.176500	-118.020181		
249	30	1	PIWO	FOREST				7/16/2011	V	45.176026	-118.019940		X
250	30	1	PISI	FOREST				7/16/2011	AV	45.176170	-118.021667		
252	10	1	RECR	FOREST				7/16/2011	AV	45.176172	-118.021674		
253	0	3	CHSP	FOREST				7/16/2011	AV	45.176519	-118.022867		
254	10	4	PISI	FOREST				7/16/2011	AV	45.177061	-118.024481		

ID	DIST	QUANT	SPECIES	HABITAT	AGE	GENDER	PHOTO	DATE	OBSTYPE	LAT	LONG	COMMENTS	SSS
255	100	1	WEWP	FOREST				7/16/2011	A	45.173252	-118.015012		
256	10	1	CHIPMUNK	FOREST				7/16/2011	V	45.173130	-118.014927		
257	20	1	CHSP	FOREST				7/16/2011	A	45.172828	-118.014807		
258	10	2	WETA	FOREST				7/16/2011	AV	45.172555	-118.014784		
259	200	1	HETH	FOREST				7/16/2011	A	45.172112	-118.014673		
260	0	10	ELK	FOREST				7/16/2011	V	45.172176	-118.014470		X
261	100	1	RCKI	FOREST				7/16/2011	A	45.172384	-118.014403		
262	10	2	MOCH	FOREST				7/16/2011	A	45.173410	-118.013551		X
263	20	1	WETA	FOREST				7/16/2011	AV	45.176476	-118.010526		
264	10	4	CHSP	FOREST				7/16/2011	AV	45.176475	-118.010524		
265	30	1	AMRO	FOREST				7/16/2011	A	45.177462	-118.009938		
266	400	1	WEME	FOREST				7/16/2011	A	45.177466	-118.009927		
266	10	1	WEWP	FOREST				7/16/2011	A	45.177474	-118.009904		
270	10	3	SPTO	RIPARIAN				7/16/2011	AV	45.178520	-118.009537		
271	30	4	AMRO	FOREST				7/16/2011	AV	45.178425	-118.009306		
272	10	2	CHSP	FOREST				7/16/2011	A	45.178377	-118.009298		
275	30	1	LAZB	SHRUB				7/16/2011	AV	45.183844	-118.007193		
276	0	1	WEME	SHRUB				7/16/2011	AV	45.185380	-118.007468		
278	0	3	WEME	SHRUB				7/16/2011	AV	45.186754	-118.005109		
279	10	3	RECR	RIPARIAN				7/16/2011	AV	45.188717	-118.000069		
280	10	5	BCCH	RIPARIAN				7/16/2011	AV	45.188715	-118.000068		X
281	10	1	CHSP	RIPARIAN				7/16/2011	AV	45.188721	-118.000080		
282	0	4	BARS	RIPARIAN				7/16/2011	AV	45.188726	-118.000083		
283	40	1	SOSP	RIPARIAN				7/16/2011	A	45.187889	-117.996825		
284	20	10	BARS	RIPARIAN				7/16/2011	AV	45.187887	-117.996817		
285	0	1	BRBL	GRASS				7/16/2011	AV	45.188151	-117.995860		
286	0	1	AMRO	GRASS				7/16/2011	V	45.188149	-117.995858		
287	20	1	SOSP	RIPARIAN				7/16/2011	A	45.148042	-117.972750		
288	20	3	CEDW	RIPARIAN				7/16/2011	AV	45.147995	-117.972705		
289	20	1	CHSP	SHRUB				7/16/2011	AV	45.147666	-117.973708		
290	20	1	WEWP	RIPARIAN				7/16/2011	AV	45.147657	-117.973725		
292	20	2	CEDW	RIPARIAN				7/16/2011	AV	45.147652	-117.973733		
293	0	2	AMRO	RIPARIAN				7/16/2011	AV	45.147660	-117.973722		
294	30	1	LAZB	SHRUB				7/16/2011	AV	45.146830	-117.976941		
295	10	1	DEJU	SHRUB	JUV			7/16/2011	AV	45.146514	-117.978066		
296	750	1	BBMA	RIPARIAN				7/16/2011	AV	45.146176	-117.979173		
297	500	3	WEME	GRASS				7/16/2011	A	45.146177	-117.979168		
298	30	1	LAZB	RIPARIAN				7/16/2011	V	45.144901	-117.983228		
299	100	3	WEME	SHRUB				7/16/2011	A	45.144945	-117.983400		
300	50	1	MODO	SHRUB				7/16/2011	A	45.145026	-117.983645		
301	10	3	AMRO	RIPARIAN				7/16/2011	AV	45.145119	-117.983938		
302	10	1	WEWP	RIPARIAN				7/16/2011	V	45.145242	-117.984365		
303	0	1	LAZB	RIPARIAN				7/16/2011	AV	45.145248	-117.984361		
304	10	2	WEME	SHRUB				7/16/2011	AV	45.146878	-117.984820		
306	0	1	WEME	GRASS				7/17/2011	AV	45.122768	-117.965725		
307	1000	1	BBMA	SHRUB				7/17/2011	AV	45.120945	-117.968043		
400	20	3	BRSP	SHRUB				7/17/2011	AV	44.806619	-117.727982		
401	0	1	SATH	SHRUB				7/17/2011	V	44.805193	-117.726323		X
402	0	1	SATH	SHRUB				7/17/2011	V	44.802446	-117.722504	W FOOD	X
403	0	2	BRSP	SHRUB				7/17/2011	V	44.800847	-117.721476		
405	300	3	PRFA	SHRUB				7/17/2011	AV	44.800255	-117.722065		X
406	30	1	BLACK-TAILED JACKRABBIT	SHRUB				7/17/2011	V	44.799631	-117.721561		
407	500	1	WEME	SHRUB				7/17/2011	A	44.799213	-117.721287		
408	0	3	BRSP	SHRUB				7/17/2011	AV	44.798708	-117.720920		
409	10	1	CHIPMUNK	SHRUB				7/17/2011	AV	44.797921	-117.720341		
410	20	2	BRSP	SHRUB				7/17/2011	AV	44.800305	-117.719326		
411	0	1	HOLA	SHRUB				7/17/2011	V	44.800251	-117.719245		
412	0	5	SATH	SHRUB				7/17/2011	V	44.796855	-117.714270		X
413	300	3	WEME	SHRUB				7/17/2011	A	44.796810	-117.714245		
414	10	2	BRSP	SHRUB				7/17/2011	V	44.796626	-117.713959		
415	10	2	SATH	SHRUB				7/17/2011	V	44.794725	-117.711093		X
416	100	1	BRSP	SHRUB				7/17/2011	A	44.794529	-117.710826		
417	100	1	WEME	SHRUB				7/17/2011	AV	44.793688	-117.709991		
418	30	1	HOLA	SHRUB				7/17/2011	A	44.793730	-117.711032		
419	10	1	BRSP	SHRUB				7/17/2011	AV	44.793623	-117.711025		
420	0	1	RTHA	SHRUB				7/17/2011	V	44.791257	-117.711584		
421	500	2	WEME	SHRUB				7/17/2011	A	44.789670	-117.713934		
422	10	2	CORA	SHRUB				7/17/2011	AV	44.792419	-117.718731		
423	20	2	BRSP	SHRUB				7/17/2011	V	44.791233	-117.717308		
424	300	1	WEME	SHRUB				7/17/2011	AV	44.788213	-117.718386		
425	0	1	MODO	SHRUB				7/17/2011	AV	44.790193	-117.713270		
426	30	1	MODO	SHRUB				7/17/2011	V	44.785594	-117.708545		
427	0	1	RTHA	SHRUB				7/17/2011	V	44.785112	-117.708076		
428	0	2	MODO	SHRUB				7/17/2011	V	44.781761	-117.708836		
429	0	1	SATH	SHRUB				7/17/2011	V	44.781803	-117.708834		X

ID	DIST	QUANT	SPECIES	HABITAT	AGE	GENDER	PHOTO	DATE	OBSTYPE	LAT	LONG	COMMENTS	SSS
430	20	1	BRSP	SHRUB				7/17/2011	V	44.781658	-117.708853		
431	400	1	WEME	SHRUB				7/17/2011	AV	44.781321	-117.708894		
432	50	3	BRSP	SHRUB				7/17/2011	AV	44.780718	-117.708969		
433	40	2	BRSP	SHRUB				7/17/2011	AV	44.778983	-117.709553		
434	0	1	CORA	SHRUB				7/17/2011	AV	44.770692	-117.711197		
435	100	1	NEST	SHRUB			NEST__156.5RD_S	7/17/2011	V	44.769363	-117.712987	ACTIVE THIS YEAR, LOTS OF WHITE WASH, AT ENTRANCE TO OLD MINE, RAPTOR OR CORVID NEST	
436	100	2	ROWR	SHRUB				7/17/2011	AV	44.769773	-117.712736		
437	0	1	MODO	SHRUB				7/17/2011	AV	44.770104	-117.716110		
438	0	2	LOSH	SHRUB				7/17/2011	V	44.771366	-117.715732	RECENT FLEDGLINGS, CAN'T FLY MORE THAN 2 FEET	X
439	50	1	HOLA	SHRUB				7/17/2011	A	44.772343	-117.718201		
440	100	1	WEME	SHRUB				7/17/2011	AV	44.772613	-117.720100		
441	0	1	MODO	SHRUB				7/17/2011	AV	44.772584	-117.721721		
442	10	1	LOSH	SHRUB				7/17/2011	V	44.772584	-117.721746		X
443	0	1	WEME	SHRUB				7/17/2011	AV	44.773787	-117.722182		
444	0	2	BRSP	SHRUB				7/17/2011	V	44.774925	-117.723824		
445	20	1	BRSP	SHRUB				7/17/2011	AV	44.776466	-117.725511		
446	10	2	BRSP	SHRUB				7/17/2011	V	44.777109	-117.726325		
447	100	2	BRSP	SHRUB				7/17/2011	AV	44.777615	-117.728929		
448	300	1	WEME	SHRUB				7/17/2011	AV	44.777757	-117.729294		
449	10	1	VESP	SHRUB				7/17/2011	V	44.776580	-117.731866		
450	10	1	BRSP	SHRUB				7/17/2011	V	44.773335	-117.729674		
451	100	3	HOLA	SHRUB				7/17/2011	AV	44.772444	-117.728203		
452	40	3	BRSP	SHRUB				7/17/2011	V	44.771079	-117.727026		
453	20	4	HOLA	SHRUB				7/17/2011	V	44.771081	-117.727025		
454	0	1	CHIPMUNK	SHRUB				7/17/2011	AV	44.769022	-117.725941		
455	0	1	SATH	SHRUB				7/17/2011	AV	44.767989	-117.725112		X
456	100	5	HOLA	SHRUB				7/17/2011	AV	44.764405	-117.724236		
457	200	1	WEME	SHRUB				7/17/2011	A	44.764408	-117.724241		
458	100	2	BRSP	SHRUB				7/17/2011	A	44.764407	-117.724243		
459	20	3	BRSP	SHRUB				7/18/2011	AV	44.762377	-117.722289		
460	200	2	WEME	SHRUB				7/18/2011	A	44.762025	-117.721874		
461	0	6	HOLA	SHRUB				7/18/2011	AV	44.760456	-117.719640		
462	20	3	BRSP	SHRUB				7/18/2011	V	44.758584	-117.718927		
463	0	10	HOLA	SHRUB				7/18/2011	AV	44.758585	-117.718928		
464	0	5	VESP	SHRUB				7/18/2011	AV	44.758139	-117.717894		
465	150	3	BRSP	SHRUB				7/18/2011	A	44.758096	-117.715988		
466	0	2	BRSP	SHRUB				7/18/2011	V	44.764439	-117.721623		
467	40	1	BRSP	SHRUB				7/18/2011	AV	44.764231	-117.719250		
468	0	2	BRBL	SHRUB				7/18/2011	AV	44.764184	-117.718865		
469	10	2	BRSP	SHRUB				7/18/2011	AV	44.763689	-117.716150		
501	0	3	WEME	SHRUB				7/18/2011	AV	45.067842	-117.868045		
502	0	4	BRBL	SHRUB				7/18/2011	AV	45.067839	-117.868042		
503	0	2	BHCO	SHRUB				7/18/2011	AV	45.067242	-117.867519		
505	50	2	WEME	SHRUB				7/18/2011	AV	45.062833	-117.865106		
506	30	2	HOLA	SHRUB				7/18/2011	AV	45.061115	-117.864552		
507	500	2	BBMA	SHRUB				7/18/2011	AV	45.059909	-117.864503		
508	500	3	WEME	SHRUB				7/18/2011	A	45.059909	-117.864503		
509	0	12	CLSW	AG				7/18/2011	AV	45.093783	-117.916927		
510	0	2	BARS	AG				7/18/2011	AV	45.094952	-117.916744		
511	0	1	KILL	AG				7/18/2011	AV	45.096181	-117.916524		
512	0	5	SAVS	AG				7/18/2011	AV	45.096183	-117.916527		
513	0	2	SWHA	AG				7/18/2011	V	45.096243	-117.916607		X
514	0	8	BANS	AG				7/18/2011	AV	45.096244	-117.916608		
515	0	10	CLSW	GRASS				7/18/2011	AV	45.093535	-117.910978		
516	0	1	HOLA	GRASS				7/18/2011	V	45.093534	-117.910962		
517	10	1	BARS	GRASS				7/18/2011	AV	45.093534	-117.910103		
518	0	1	BRBL	GRASS				7/18/2011	AV	45.093530	-117.909416		
519	20	1	HOLA	SHRUB				7/18/2011	AV	45.093518	-117.906146		
520	300	2	WEME	GRASS				7/18/2011	A	45.093500	-117.904735		
521	0	5	BRSP	SHRUB				7/18/2011	AV	45.093406	-117.900586		
522	50	1	SATH	SHRUB				7/18/2011	AV	45.093413	-117.898979		X
523	75	2	VESP	SHRUB				7/18/2011	AV	45.093384	-117.897372		
524	0	2	WEME	SHRUB				7/18/2011	AV	45.093383	-117.897335		
525	0	2	BANS	SHRUB				7/18/2011	AV	45.093389	-117.897357		
526	30	5	CLSW	GRASS				7/18/2011	AV	45.101382	-117.910618		
527	500	2	WEME	SHRUB				7/18/2011	A	45.101218	-117.908686		
528	0	1	SWHA	SHRUB				7/18/2011	AV	45.101418	-117.909625		X
529	50	2	BHCO	GRASS				7/18/2011	AV	45.098633	-117.910467		
530	100	1	VESP	SHRUB				7/18/2011	A	45.098297	-117.908680		
531	10	1	WEME	GRASS				7/18/2011	V	45.097911	-117.907568		
532	20	2	BRSP	SHRUB				7/18/2011	AV	45.097840	-117.907402		
533	10	1	GRSP	GRASS				7/18/2011	AV	45.097324	-117.905969		X
534	0	1	WEME	SHRUB				7/18/2011	V	45.097137	-117.904408		
535	0	1	BARS	SHRUB				7/18/2011	V	45.097012	-117.903919		

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536	75	1	GRSP	GRASS				7/18/2011	A	45.096974	-117.903452		X
537	20	3	HOLA	SHRUB				7/18/2011	AV	44.813338	-117.716679		
538	0	2	MODO	SHRUB				7/18/2011	V	44.813350	-117.716672		
539	100	1	RTHA	SHRUB				7/18/2011	V	44.815132	-117.716484		
540	100	1	BRSP	SHRUB				7/18/2011	A	44.815802	-117.716498		
541	0	2	SATH	SHRUB				7/18/2011	AV	44.816563	-117.716610		X
542	10	2	BRSP	SHRUB				7/18/2011	V	44.817698	-117.717296		
543	0	1	BRSP	SHRUB				7/18/2011	V	44.817725	-117.716402		
544	10	3	BRSP	SHRUB				7/18/2011	AV	44.816511	-117.714431		
545	0	4	BRSP	SHRUB				7/18/2011	V	44.815837	-117.710466		
546	20	2	BRSP	SHRUB				7/18/2011	V	44.818898	-117.706991		
547	50	1	SATH	SHRUB				7/18/2011	V	44.821996	-117.703674		X
548	10	2	BRSP	SHRUB				7/18/2011	AV	44.819349	-117.704717		
549	75	1	HOLA	SHRUB				7/18/2011	A	44.819349	-117.704713		
550	0	1	RTHA	SHRUB				7/18/2011	V	44.819590	-117.706435		
551	40	2	HOLA	SHRUB				7/18/2011	V	44.815390	-117.707761		
552	0	1	BRSP	SHRUB				7/18/2011	V	44.815171	-117.708007		
553	50	2	HOLA	SHRUB				7/18/2011	V	44.813599	-117.708052		
554	0	1	BRSP	SHRUB				7/18/2011	V	44.813367	-117.708043		
555	20	1	BRSP	SHRUB				7/18/2011	V	44.808380	-117.714868		
556	0	1	HOLA	SHRUB				7/18/2011	V	44.808485	-117.712720		
557	50	1	RTHA	SHRUB				7/18/2011	V	44.809284	-117.712108		
450	0	1	WEME	SHRUB				7/19/2011	V	44.869448	-117.752385		
451	0	2	VESP	SHRUB				7/19/2011	V	44.868296	-117.748560		
452	50	2	HOLA	SHRUB				7/19/2011	VA	44.868296	-117.748560		
453	50	2	HOLA	SHRUB				7/19/2011	VA	44.865833	-117.747170		
601	300	1	AMKE	SHRUB				7/19/2011	V	44.917871	-117.784778		
602	500	3	WEME	SHRUB				7/19/2011	A	44.919434	-117.785959		
603	20	1	HOLA	SHRUB				7/19/2011	AV	44.863677	-117.747046		
604	50	2	HOLA	SHRUB				7/19/2011	A	44.865456	-117.748089		
605	20	2	BRSP	SHRUB				7/19/2011	V	44.863908	-117.749535		
606	10	1	BRSP	SHRUB				7/19/2011	V	44.866515	-117.750484		
607	0	2	BRBL	SHRUB				7/19/2011	V	44.866516	-117.750485		
608	10	3	HOLA	SHRUB				7/19/2011	AV	44.869454	-117.749278		
609	0	1	BRSP	SHRUB				7/19/2011	V	44.868371	-117.748104		
610	20	2	SATH	SHRUB				7/19/2011	V	44.861003	-117.746615		X
611	50	2	HOLA	SHRUB				7/19/2011	A	44.860539	-117.746602		
612	10	2	BRSP	SHRUB				7/19/2011	V	44.860208	-117.746722		
613	500	1	WEME	SHRUB				7/19/2011	A	44.859175	-117.745238		
615	0	1	NOHA	SHRUB				7/19/2011	V	44.859424	-117.744990		
616	10	1	BARS	SHRUB				7/19/2011	AV	44.859658	-117.744404		
617	75	1	HOLA	SHRUB				7/19/2011	AV	44.859658	-117.744404		
618	20	1	BRSP	SHRUB				7/19/2011	V	44.860168	-117.742524		
619	10	1	BRSP	SHRUB				7/19/2011	V	44.860760	-117.742384		
620	30	2	HOLA	SHRUB				7/19/2011	AV	44.859412	-117.743365		
621	500	1	RTHA	SHRUB				7/19/2011	V	44.858688	-117.741732		
622	0	2	HOLA	SHRUB				7/19/2011	V	44.858201	-117.740518		
623	0	3	BRSP	SHRUB				7/19/2011	V	44.858058	-117.740158		
624	0	6	PRONGHORN ANTELOPE	SHRUB		1M, 5F		7/19/2011	V	44.856265	-117.733504		
625	100	3	BRSP	SHRUB				7/19/2011	A	44.856255	-117.733497		
626	0	2	HOLA	SHRUB				7/19/2011	AV	44.781670	-117.718023		
627	0	2	HOLA	SHRUB				7/19/2011	V	44.780233	-117.716735		
628	0	3	HOLA	SHRUB				7/19/2011	AV	44.779578	-117.717248		
629	1000	1	CORA	SHRUB				7/19/2011	AV	44.778077	-117.716033		
630	0	2	CLSW	SHRUB				7/19/2011	AV	44.685229	-117.652433		
631	100	1	VESP	SHRUB				7/19/2011	A	44.684871	-117.651917		
632	0	1	RTHA	SHRUB				7/19/2011	AV	44.684780	-117.647058		
633	30	1	HOLA	SHRUB				7/19/2011	AV	44.690074	-117.641169		
634	20	1	HOLA	SHRUB				7/19/2011	AV	44.692332	-117.646183		
635	0	1	RTHA	SHRUB				7/19/2011	AV	44.691314	-117.647906		
636	0	1	WEME	SHRUB				7/19/2011	AV	44.690387	-117.645601		
637	100	2	BRSP	SHRUB				7/19/2011	A	44.690235	-117.645756		
1	100	3	CHSP	FOREST				7/20/2011	A	45.365944	-118.297175		
2	0	1	PACIFIC CHORUS FROG	FOREST				7/20/2011	V	45.366397	-118.296880		
3	250	1	WETA	FOREST				7/20/2011	A	45.365355	-118.295560		
4	100	1	WEWP	FOREST				7/20/2011	A	45.363913	-118.292715		
4	20	2	MOCH	FOREST				7/20/2011	A	45.365342	-118.295500		X
5	100	1	WEWP	FOREST				7/20/2011	VA	45.362846	-118.289176		
6	0	2	MOCH	FOREST				7/20/2011	A	45.362846	-118.289179		X
7	0	2	CHSP	FOREST				7/20/2011	A	45.362845	-118.289181		
8	0	1	AMKE	FOREST				7/20/2011	V	45.362844	-118.289183		
9	0	1	WETA	FOREST				7/20/2011	A	45.362842	-118.289184		
10	50	8	CHSP	FOREST				7/20/2011	VA	45.362680	-118.288953		
11	0	3	DEJU	FOREST				7/20/2011	VA	45.362560	-118.288285		
12	0	1	WEWP	FOREST				7/20/2011	A	45.362285	-118.287191		

ID	DIST	QUANT	SPECIES	HABITAT	AGE	GENDER	PHOTO	DATE	OBSTYPE	LAT	LONG	COMMENTS	SSS
13	750	1	CORA	FOREST				7/20/2011	A	45.362285	-118.287191		
14	50	6	CHSP	FOREST				7/20/2011	VA	45.362297	-118.287146		
15	500	1	NOFL	FOREST				7/20/2011	A	45.362297	-118.287146		X
16	250	2	MOCH	FOREST				7/20/2011	A	45.362297	-118.287146		X
17	0	1	NOFL	FOREST				7/20/2011	V	45.362297	-118.287146		X
18	0	1	YRWA	FOREST				7/20/2011	A	45.361186	-118.286016		
19	250	1	PISI	FOREST				7/20/2011	A	45.361187	-118.286021		
20	0	3	DEJU	FOREST				7/20/2011	AV	45.361180	-118.286039		
21	0	2	HETH	FOREST				7/20/2011	VA	45.361035	-118.285904		
22	100	4	MOCH	FOREST				7/20/2011	A	45.361049	-118.285902		X
23	100	2	AMRO	FOREST				7/20/2011	VA	45.360358	-118.284345		
23	250	2	KILL	FOREST				7/20/2011	VA	45.360516	-118.284755		
24	0	6	LEGO	FOREST				7/20/2011	VA	45.360028	-118.283683		
25	100	2	KILL	FOREST				7/20/2011	VA	45.360023	-118.283683		
26	0	8	LEGO	FOREST				7/20/2011	VA	45.359879	-118.283118		
27	250	2	WEWP	FOREST				7/20/2011	A	45.359572	-118.282898		
28	100	6	CHSP	FOREST				7/20/2011	VA	45.359294	-118.282585		
29	300	1	NOFL	FOREST				7/20/2011	A	45.356500	-118.276066		X
30	250	2	MOCH	FOREST				7/20/2011	A	45.356076	-118.274608		X
31	200	3	PYNU	FOREST				7/20/2011	VA	45.355247	-118.273461		X
32	0	12	WEME	FOREST				7/20/2011	VA	45.354060	-118.270481		
33	500	2	CHSP	FOREST				7/20/2011	A	45.353881	-118.269018		
34	0	4	CHSP	FOREST				7/20/2011	A	45.351432	-118.266726		
35	500	1	WEWP	FOREST				7/20/2011	A	45.349327	-118.263184		
36	500	1	KILL	FOREST				7/20/2011	A	45.349326	-118.263179		
37	500	1	WEWP	FOREST				7/20/2011	A	45.347804	-118.261237		
38	100	4	CHSP	FOREST				7/20/2011	A	45.347806	-118.261237		
39	100	4	WEME	FOREST				7/20/2011	A	45.347806	-118.261237		
40	250	3	MOCH	FOREST				7/20/2011	A	45.347803	-118.261238		X
41	0	6	MOBL	FOREST				7/20/2011	VA	45.346614	-118.258770		
42	50	5	WEME	FOREST				7/20/2011	A	45.345623	-118.257767		
42	100	2	CHSP	FOREST				7/20/2011	A	45.346272	-118.258346		
43	250	2	PYNU	FOREST				7/20/2011	VA	45.345691	-118.258052		X
44	300	3	CHSP	FOREST				7/20/2011	A	45.345836	-118.256952		
45	250	6	MOBL	FOREST				7/20/2011	VA	45.345613	-118.258063		
46	50	6	WEME	FOREST				7/20/2011	A	45.342517	-118.254074		
47	100	4	PYNU	FOREST				7/20/2011	A	45.338848	-118.252014		X
48	0	4	RECR	FOREST				7/20/2011	VA	45.338737	-118.250772		
49	100	1	NOFL	FOREST				7/20/2011	A	45.338735	-118.250793		X
50	250	4	MOBL	FOREST				7/20/2011	VA	45.338727	-118.250756		
51	250	3	CHSP	FOREST				7/20/2011	VA	45.338725	-118.250760		
52	250	2	WEME	FOREST				7/20/2011	A	45.335908	-118.249761		
53	0	2	WEME	FOREST				7/20/2011	A	45.331563	-118.248067		
54	250	6	RECR	FOREST				7/20/2011	VA	45.327736	-118.247985		
55	250	1	NOFL	FOREST				7/20/2011	A	45.326656	-118.246506		X
56	250	1	WEWP	FOREST				7/20/2011	A	45.326402	-118.244039		
57	0	1	MOCH	FOREST				7/20/2011	A	45.326401	-118.244040		X
58	250	1	CONI	FOREST				7/20/2011	A	45.325987	-118.243559		X
59	0	2	BUOR	FOREST				7/20/2011	V	45.325989	-118.243557		
60	0	1	WETA	FOREST				7/20/2011	V	45.326004	-118.243550		
61	0	3	CHSP	FOREST				7/20/2011	A	45.325994	-118.243564		
65	250	2	NOFL	FOREST				7/20/2011	A	45.244648	-118.106640		X
66	0	3	RECR	FOREST				7/20/2011	VA	45.244004	-118.107655		
67	100	2	CHSP	FOREST				7/20/2011	A	45.244001	-118.107653		
68	0	1	NOFL	FOREST				7/20/2011	A	45.243708	-118.108676		X
69	0	3	RECR	FOREST				7/20/2011	VA	45.243907	-118.110459		
70	0	1	AMKE	FOREST				7/20/2011	V	45.244557	-118.111402		
71	0	2	RECR	FOREST				7/20/2011	VA	45.245243	-118.112988		
72	250	1	AMRO	FOREST				7/20/2011	V	45.247908	-118.115764		
73	250	1	CHSP	FOREST				7/20/2011	A	45.247917	-118.115779		
74	250	1	CHSP	FOREST				7/20/2011	A	45.249060	-118.116476		
638	0	1	WEME	SHRUB				7/20/2011	V	44.678497	-117.605589		
639	0	2	LASP	SHRUB				7/20/2011	V	44.678294	-117.604437		
641	0	1	WEME	SHRUB				7/20/2011	AV	44.677852	-117.603902		
642	0	3	HOLA	SHRUB				7/20/2011	AV	44.678414	-117.603873		
643	250	2	RTHA	SHRUB				7/20/2011	AV	44.679685	-117.604017		
700	0	30	CLSW	SHRUB				7/20/2011	AV	44.694493	-117.687004	SAGE = SAGE STEPPE	
701	0	3	BRSP	SHRUB				7/20/2011	AV	44.695571	-117.687937		
702	300	1	CORA	SHRUB				7/20/2011	A	44.694664	-117.686827		
704	10	2	BRSP	SHRUB				7/20/2011	AV	44.695265	-117.686539		
705	50	1	VESP	SHRUB				7/20/2011	A	44.696155	-117.686025		
706	30	1	BRSP	SHRUB				7/20/2011	AV	44.696794	-117.679272		
707	50	1	SATH	SHRUB				7/20/2011	AV	44.696757	-117.679103		X
708	50	2	BRSP	SHRUB				7/20/2011	A	44.696418	-117.677621		
709	0	1	RTHA	SHRUB				7/20/2011	AV	44.695665	-117.674537		

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710	100	1	BRSP	SHRUB				7/20/2011	A	44.695596	-117.674295		
711	10	1	BRSP	SHRUB				7/20/2011	V	44.690793	-117.668568		
711	200	1	BRSP	SHRUB				7/20/2011	A	44.691185	-117.668698		
712	10	1	WEME	SHRUB				7/20/2011	V	44.679410	-117.643743		
713	0	6	BRSP	SHRUB				7/20/2011	AV	44.679479	-117.636824		
714	0	4	CLSW	SHRUB				7/20/2011	AV	44.679841	-117.636098		
715	0	1	BRBL	SHRUB				7/20/2011	AV	44.679842	-117.636098		
716	10	3	BRSP	SHRUB				7/20/2011	V	44.681689	-117.634979		
717	10	3	BRSP	SHRUB				7/20/2011	AV	44.683857	-117.634751		
718	20	4	BRSP	SHRUB				7/20/2011	AV	44.685553	-117.635014		
719	10	2	BRSP	SHRUB				7/20/2011	V	44.687765	-117.632685		
720	10	1	BRSP	SHRUB				7/20/2011	V	44.687025	-117.632518		
721	500	2	RTHA	SHRUB				7/20/2011	AV	44.686978	-117.632513		
722	100	2	HOLA	SHRUB				7/20/2011	A	44.684447	-117.629555		
723	200	1	AMKE	SHRUB				7/20/2011	V	44.684890	-117.621384		
724	30	1	SATH	SHRUB				7/20/2011	V	44.684896	-117.621385		X
725	100	1	BRSP	SHRUB				7/20/2011	A	44.684895	-117.621385		
726	200	1	VESP	SHRUB				7/20/2011	A	44.680620	-117.608272		
727	0	1	HOLA	SHRUB				7/20/2011	V	44.683333	-117.608513		
728	0	4	AMRO	HOUSE YARD				7/20/2011	AV	44.683465	-117.601519		
729	0	2	WEKI	HOUSE YARD				7/20/2011	AV	44.683456	-117.601513		
730	10	5	BRBL	HOUSE YARD				7/20/2011	AV	44.683463	-117.601520		
731	0	6	KILL	GRASS				7/20/2011	AV	44.682737	-117.600678		
732	0	13	BHCO	GRASS				7/20/2011	AV	44.681835	-117.599793		
733	0	1	GROUND SQUIRREL	GRASS				7/20/2011	AV	44.681417	-117.596190		
734	100	1	RTHA	GRASS				7/20/2011	AV	44.681423	-117.596174		
735	0	3	HOLA	SHRUB				7/20/2011	AV	44.682705	-117.594579		
736	0	2	HOLA	GRASS				7/20/2011	AV	44.676888	-117.589245		
737	400	2	WEME	GRASS				7/20/2011	A	44.676890	-117.589246		
738	0	1	HOLA	GRASS				7/20/2011	V	44.674345	-117.585607		
739	200	2	BRBL	SHRUB				7/20/2011	A	44.674021	-117.584989		
740	500	2	WEME	SHRUB				7/20/2011	A	44.674022	-117.584990		
742	200	2	RTHA	SHRUB				7/20/2011	AV	44.709151	-117.722772		
743	50	1	HOLA	SHRUB				7/20/2011	V	44.709151	-117.722772		
744	0	3	TUVU	SHRUB				7/20/2011	V	44.709794	-117.722773		
745	100	1	BRSP	SHRUB				7/20/2011	A	44.715391	-117.716867		
746	500	2	TUVU	SHRUB				7/20/2011	V	44.715902	-117.714273		
747	0	1	HOLA	SHRUB				7/20/2011	AV	44.716807	-117.712121		
748	50	1	BRSP	SHRUB				7/20/2011	AV	44.712436	-117.717716		
749	0	5	BRSP	SHRUB				7/20/2011	V	44.712808	-117.714777		
751	200	1	WEME	SHRUB				7/20/2011	A	44.712860	-117.714442		
752	100	1	SATH	SHRUB				7/20/2011	A	44.712924	-117.713898		X
753	0	1	TUVU	SHRUB				7/20/2011	V	44.713068	-117.712460		
754	0	2	BRSP	SHRUB				7/20/2011	AV	44.713484	-117.710542		
755	100	1	SATH	SHRUB				7/20/2011	A	44.713479	-117.710559		X
756	0	1	BRSP	SHRUB				7/20/2011	V	44.704974	-117.717202		
757	300	1	RTHA	SHRUB				7/20/2011	V	44.704636	-117.715020		
100	100	2	DEJU	FOREST				7/21/2011	A	45.243754	-118.098396		
101	100	1	WETA	FOREST				7/21/2011	A	45.243556	-118.097481		
102	0	1	NOFL	FOREST				7/21/2011	VA	45.243558	-118.097467		X
103	200	3	CHSP	FOREST				7/21/2011	A	45.243558	-118.097467		
104	250	1	AMRO	FOREST				7/21/2011	A	45.243557	-118.097467		
105	250	2	WETA	FOREST				7/21/2011	A	45.243536	-118.095223		
106	100	1	DEJU	FOREST				7/21/2011	A	45.243535	-118.095222		
107	1000	1	RTHA	FOREST				7/21/2011	V	45.243563	-118.095067		
108	50	2	CHSP	FOREST				7/21/2011	A	45.243369	-118.092620		
109	500	1	WEWP	FOREST				7/21/2011	A	45.242748	-118.092907		
110	250	3	CHSP	FOREST				7/21/2011	A	45.242748	-118.092906		
111	250	1	MULE DEER	FOREST				7/21/2011	V	45.243508	-118.088215		
112	0	3	DEJU	FOREST				7/21/2011	A	45.243352	-118.087040		
113	0	1	RNEP	FOREST				7/21/2011	V	45.243352	-118.087039		
114	0	2	RUGR	FOREST				7/21/2011	V	45.243348	-118.087037		
115	250	1	CAVI	FOREST				7/21/2011	A	45.196370	-118.040905		
116	500	1	RBNU	FOREST				7/21/2011	A	45.196239	-118.040576		X
117	100	9	RECR	FOREST				7/21/2011	A	45.196092	-118.039980		
118	500	1	WEWP	FOREST				7/21/2011	A	45.195564	-118.039012		
119	250	1	YRWA	FOREST				7/21/2011	A	45.195572	-118.039027		
120	250	1	NOFL	FOREST				7/21/2011	A	45.195572	-118.039032		X
121	250	1	DEJU	FOREST				7/21/2011	A	45.195572	-118.039028		
122	0	1	HOWR	FOREST				7/21/2011	V	45.194665	-118.036808		
123	0	3	RECR	FOREST				7/21/2011	V	45.194668	-118.036803		
124	250	1	HOWR	FOREST				7/21/2011	A	45.193987	-118.035117		
125	250	1	NOFL	FOREST				7/21/2011	V	45.193985	-118.035116		X
126	100	2	CHSP	FOREST				7/21/2011	A	45.193986	-118.035117		
127	250	1	MULE DEER	FOREST				7/21/2011	V	45.193152	-118.031715		

ID	DIST	QUANT	SPECIES	HABITAT	AGE	GENDER	PHOTO	DATE	OBSTYPE	LAT	LONG	COMMENTS	SSS
128	0	30	CHSP	FOREST				7/21/2011	A	45.191960	-118.031248		
129	250	1	WEWP	FOREST				7/21/2011	A	45.191960	-118.031248		
130	250	1	AMRO	FOREST				7/21/2011	A	45.191725	-118.031135		
131	500	1	RBNU	FOREST				7/21/2011	A	45.191705	-118.030998		X
132	500	1	SWTH	FOREST				7/21/2011	A	45.191706	-118.030997		
133	0	6	RECR	FOREST				7/21/2011	VA	45.190388	-118.028593		
134	0	2	CHSP	FOREST				7/21/2011	A	45.190385	-118.028593		
135	0	1	AMRO	FOREST				7/21/2011	AV	45.190385	-118.028574		
136	0	1	NOFL	FOREST				7/21/2011	V	45.189092	-118.028013		X
137	0	2	CHSP	FOREST				7/21/2011	VA	45.187621	-118.026499		
138	750	1	RBNU	FOREST				7/21/2011	A	45.187611	-118.026533		X
139	0	2	AMRO	FOREST				7/21/2011	VA	45.187405	-118.026473		
140	0	1	DEJU	FOREST				7/21/2011	A	45.187404	-118.026473		
141	1000	1	CORA	FOREST				7/21/2011	A	45.186780	-118.025866		
142	0	1	WEME	FOREST				7/21/2011	V	45.186550	-118.025055		
143	250	1	HOWR	FOREST				7/21/2011	A	45.184936	-118.023686		
144	500	1	WEWP	FOREST				7/21/2011	A	45.184928	-118.023588		
145	100	3	CHSP	FOREST				7/21/2011	A	45.184923	-118.023589		
147	200	5	CHSP	FOREST				7/21/2011	A	45.183712	-118.022063		
148	100	1	WETA	FOREST				7/21/2011	A	45.183712	-118.022063		
149	0	1	AMRO	FOREST				7/21/2011	V	45.182629	-118.020835		
150	0	2	MOCH	FOREST				7/21/2011	A	45.182628	-118.020817		X
151	100	2	WEME	FOREST				7/21/2011	A	45.182629	-118.020817		
152	9	3	CHSP	FOREST				7/21/2011	A	45.182630	-118.020819		
153	0	1	YRWA	FOREST				7/21/2011	A	45.182658	-118.020820		
154	0	1	CAVI	FOREST				7/21/2011	A	45.182658	-118.020820		
155	500	1	WEWP	FOREST				7/21/2011	A	45.182658	-118.020820		
156	0	4	MOCH	FOREST				7/21/2011	VA	45.182901	-118.020682		X
157	100	2	WEWP	FOREST				7/21/2011	V	45.183059	-118.020463		
158	0	3	CHSP	FOREST				7/21/2011	VA	45.183061	-118.020466		
159	0	1	RUHU	FOREST				7/21/2011	V	45.183056	-118.020478		
160	100	2	VESP	FOREST				7/21/2011	A	45.181391	-118.019533	SAGE AREA	
161	0	2	VESP	FOREST				7/21/2011	V	45.180718	-118.018782		
162	250	3	WEME	FOREST				7/21/2011	A	45.180718	-118.018780		
163	250	3	AMKE	FOREST				7/21/2011	V	45.180082	-118.018707		
164	100	2	AMRO	FOREST				7/21/2011	VA	45.180081	-118.018708		
165	100	1	WEWP	FOREST				7/21/2011	A	45.178922	-118.017328		
166	50	2	CHSP	FOREST				7/21/2011	A	45.178922	-118.017328		
167	0	3	DEJU	FOREST				7/21/2011	VA	45.178642	-118.017045		
168	250	3	WEME	FOREST				7/21/2011	VA	45.176995	-118.013985	GRASS	
169	0	1	AMRO	FOREST				7/21/2011	V	45.176995	-118.013986		
170	250	2	CHSP	FOREST				7/21/2011	A	45.177012	-118.013974		
171	100	2	VESP	FOREST				7/21/2011	VA	45.177013	-118.013974		
172	250	1	SPTO	FOREST				7/21/2011	A	45.174994	-118.012959		
173	250	1	AMRO	FOREST				7/21/2011	V	45.174996	-118.012960		
174	250	2	NOFL	FOREST				7/21/2011	A	45.174133	-118.011884		X
175	100	1	CAVI	FOREST				7/21/2011	A	45.174132	-118.011887		
176	750	1	GOEA	FOREST				7/21/2011	V	45.174129	-118.011792		
177	50	4	CHSP	FOREST				7/21/2011	A	45.174130	-118.011838		
178	0	1	RUHU	FOREST				7/21/2011	V	45.174142	-118.011766		
179	100	1	MOCH	FOREST				7/21/2011	A	45.174233	-118.011650		X
180	50	2	CHSP	FOREST				7/21/2011	A	45.173203	-118.010063		
400	100	2	SPTO	FOREST				7/21/2011	A	45.208669	-118.049316		
401	250	1	WEWP	FOREST				7/21/2011	A	45.208611	-118.049296		
402	250	1	CAVI	FOREST				7/21/2011	A	45.208611	-118.049296		
403	100	2	LEGO	FOREST				7/21/2011	VA	45.207801	-118.048655		
404	100	2	WEME	FOREST				7/21/2011	A	45.206321	-118.047494		
405	250	2	SPTO	FOREST				7/21/2011	A	45.206320	-118.047494		
406	0	5	RECR	FOREST				7/21/2011	VA	45.206320	-118.047489		
407	250	1	CAVI	FOREST				7/21/2011	A	45.206321	-118.047490		
408	250	2	VESP	FOREST				7/21/2011	A	45.205206	-118.046797		
409	250	2	SPTO	FOREST				7/21/2011	A	45.205087	-118.046817		
410	500	1	AMKE	FOREST				7/21/2011	A	45.205065	-118.046822		
411	0	2	VESP	FOREST				7/21/2011	V	45.204139	-118.046891		
412	250	2	VESP	FOREST				7/21/2011	A	45.203275	-118.045097		
413	1000	1	RTHA	FOREST				7/21/2011	A	45.202974	-118.044790		
415	50	1	NOFL	FOREST				7/21/2011	V	45.201159	-118.045431		X
416	0	1	RTHA	FOREST				7/21/2011	V	45.200282	-118.044325		
417	0	1	AMKE	FOREST				7/21/2011	VA	45.200305	-118.044308		
756	100	1	HOLA	SHRUB				7/21/2011	A	44.657559	-117.574206		
757	30	1	AMRO	RIPARIAN				7/21/2011	V	44.659699	-117.573610		
758	300	1	LAZB	RIPARIAN				7/21/2011	AV	44.655006	-117.577473		
758	100	1	LAZB	SHRUB				7/21/2011	AV	44.659701	-117.573609		
759	50	1	WEKI	SHRUB				7/21/2011	AV	44.654938	-117.577336		
759	0	6	CLSW	RIPARIAN				7/21/2011	AV	44.659702	-117.573609		

ID	DIST	QUANT	SPECIES	HABITAT	AGE	GENDER	PHOTO	DATE	OBSTYPE	LAT	LONG	COMMENTS	SSS
760	0	8	CLSW	SHRUB				7/21/2011	AV	44.654508	-117.576400		
760	50	2	MODO	RIPARIAN				7/21/2011	AV	44.659702	-117.573609		
761	20	2	WEWP	RIPARIAN				7/21/2011	AV	44.654606	-117.576085		
761	10	1	CAFI	RIPARIAN				7/21/2011	V	44.659868	-117.573526		
762	10	1	CAQU	RIPARIAN				7/21/2011	V	44.659970	-117.573476		
763	30	2	SPSA	RIPARIAN				7/21/2011	AV	44.654905	-117.575710	SPOTTED SANDPIPER	
764	0	1	MODO	SHRUB				7/21/2011	AV	44.655264	-117.575328		
764	100	1	VESP	SHRUB				7/21/2011	A	44.662106	-117.573671		
765	0	1	BRBL	SHRUB				7/21/2011	AV	44.656832	-117.574294		
765	20	1	AMKE	SHRUB				7/21/2011	V	44.662778	-117.573647		
766	10	1	WEKI	RIPARIAN				7/21/2011	AV	44.662901	-117.573595		
767	0	6	RWBL	RIPARIAN				7/21/2011	AV	44.664650	-117.573849		
768	10	20	BRBL	RIPARIAN				7/21/2011	AV	44.664663	-117.573851		
769	0	1	WEME	SHRUB				7/21/2011	V	44.665632	-117.574345		
770	50	2	WEME	GRASS				7/21/2011	A	44.667356	-117.576103		
771	20	4	WEME	GRASS				7/21/2011	AV	44.667360	-117.572807		
772	50	1	COYOTE	GRASS				7/21/2011	V	44.668055	-117.572589		
773	10	2	VESP	SHRUB				7/21/2011	V	44.668716	-117.571345		
775	0	1	SATH	SHRUB				7/21/2011	AV	44.668630	-117.570520		X
776	0	2	LAZB	SHRUB				7/21/2011	AV	44.668830	-117.568756		
777	30	1	SATH	SHRUB				7/21/2011	AV	44.668623	-117.567114		X
778	50	2	HOLA	SHRUB				7/21/2011	A	44.668420	-117.567655		
779	200	2	WEME	SHRUB				7/21/2011	A	44.666073	-117.569171		
780	100	1	HOLA	SHRUB				7/21/2011	A	44.666076	-117.569174		
781	0	2	CORA	SHRUB				7/21/2011	AV	44.666072	-117.569179		
782	0	1	WEME	SHRUB				7/21/2011	V	44.665521	-117.570400		
181	0	10	CHSP	FOREST				7/22/2011	VA	45.171811	-118.008649		
182	500	2	VESP	FOREST				7/22/2011	A	45.171813	-118.008660		
183	0	5	CHSP	FOREST				7/22/2011	A	45.168873	-118.005601		
184	0	1	DEJU	FOREST				7/22/2011	V	45.168911	-118.005441		
185	0	1	AMRO	FOREST				7/22/2011	V	45.169038	-118.005279		
186	0	2	AMKE	FOREST				7/22/2011	V	45.167924	-118.003998		
186	250	1	STJA	FOREST				7/22/2011	A	45.168806	-118.004684		
187	500	1	CORA					7/22/2011		45.167926	-118.003999		
188	250	2	RECR	FOREST				7/22/2011	VA	45.167926	-118.004000		
189	0	1	VESP	FOREST				7/22/2011	V	45.166853	-118.003043	GRASS AREA	
190	0	2	EVGR	FOREST				7/22/2011	V	45.166354	-118.003083		
200	100	2	VESP	SHRUB				7/22/2011	A	45.151264	-117.987288		
201	0	3	CHSP	SHRUB				7/22/2011	VA	45.151265	-117.987289		
202	250	3	WEME	SHRUB				7/22/2011	A	45.151267	-117.987285		
203	250	2	LAZB	SHRUB				7/22/2011	A	45.150478	-117.986865		
204	100	3	VESP	SHRUB				7/22/2011	A	45.150478	-117.986866		
205	100	3	LAZB	SHRUB				7/22/2011	A	45.149770	-117.986386		
206	250	5	WEME	SHRUB				7/22/2011	AV	45.148774	-117.985049		
207	100	1	LEGO	SHRUB				7/22/2011	A	45.148774	-117.985048		
208	100	3	VESP	SHRUB				7/22/2011	A	45.147757	-117.983896		
209	250	3	WEME	SHRUB				7/22/2011	A	45.147756	-117.983896		
210	250	3	WEME	GRASS				7/22/2011	A	45.144500	-117.980400		
211	500	2	VESP	GRASS				7/22/2011	A	45.144115	-117.979985		
212	250	2	LAZB	GRASS				7/22/2011	VA	45.144120	-117.979983		
213	100	2	BRBL	GRASS				7/22/2011	A	45.142818	-117.978140		
214	50	1	GRSP	GRASS				7/22/2011	A	45.142421	-117.977622		X
215	50	2	WEME	GRASS				7/22/2011	VA	45.141467	-117.976798		
216	100	2	GRSP	GRASS				7/22/2011	VA	45.141464	-117.976797		X
217	100	1	SNAKE	GRASS				7/22/2011	V	45.141274	-117.976078	BILL K OBSERVED	
218	0	1	BARS	GRASS				7/22/2011	V	45.141275	-117.976081		
219	50	5	BRBL	GRASS				7/22/2011	VA	45.140325	-117.974794		
220	0	6	RWBL	GRASS				7/22/2011	V	45.139846	-117.973768		
221	0	11	BARS	GRASS				7/22/2011	V	45.139845	-117.973768		
222	50	3	GRSP	GRASS				7/22/2011	A	45.139845	-117.973765		X
223	200	3	WEME	GRASS				7/22/2011	AV	45.139844	-117.973764		
224	500	1	KILL	GRASS				7/22/2011	A	45.139850	-117.973767		
225	750	1	NOHA	GRASS				7/22/2011	V	45.139828	-117.973777		
226	300	1	GRSP	GRASS				7/22/2011	A	45.138094	-117.973426		X
227	0	20	RWBL	GRASS				7/22/2011	VA	45.137042	-117.971954		
228	300	2	GRSP	GRASS				7/22/2011	A	45.135922	-117.97093		X
229	0	30	RWBL	GRASS				7/22/2011	VA	45.135546	-117.971481		
230	250	4	GRSP	GRASS	JUV			7/22/2011	VA	45.135301	-117.97019		X
231	100	3	CLSW	SHRUB				7/22/2011	VA	45.131512	-117.962002		
232	250	2	WEME	SHRUB				7/22/2011	A	45.131514	-117.962003		
233	100	1	VESP	SHRUB				7/22/2011	VA	45.131105	-117.960998		
234	250	2	WEME	SHRUB				7/22/2011	A	45.130032	-117.958731		
235	250	3	VESP	SHRUB				7/22/2011	A	45.130031	-117.958729		
236	200	3	VESP	SHRUB				7/22/2011	VA	45.129221	-117.957410		
237	250	2	BRSP	SHRUB				7/22/2011	VA	45.128640	-117.956691		

ID	DIST	QUANT	SPECIES	HABITAT	AGE	GENDER	PHOTO	DATE	OBSTYPE	LAT	LONG	COMMENTS	SSS
238	0	2	GRAP	SHRUB				7/22/2011	V	45.128099	-117.955696		
239	100	2	HOLA	SHRUB				7/22/2011	VA	45.127316	-117.953636		
240	0	2	BRSP	SHRUB				7/22/2011	V	45.126262	-117.952461		
241	250	3	WEME	SHRUB				7/22/2011	A	45.125339	-117.950497		
242	100	1	BRSP	SHRUB				7/22/2011	V	45.124181	-117.948293		
243	250	3	WEME	SHRUB				7/22/2011	A	45.124181	-117.948293		
244	250	3	WEME	SHRUB				7/22/2011	A	45.122610	-117.946500		
245	100	1	GRSP	GRASS				7/22/2011	A	45.122611	-117.946500		X
246	100	2	GRSP	GRASS				7/22/2011	VA	45.121736	-117.944613		X
247	100	3	HOLA	SHRUB				7/22/2011	VA	45.121305	-117.942694		
248	250	2	WEME	SHRUB				7/22/2011	A	45.121301	-117.942697		
249	250	1	GRSP	GRASS				7/22/2011	A	45.120568	-117.942241		X
250	100	5	HOLA	GRASS				7/22/2011	A	45.119558	-117.939694		
251	0	3	HOLA	SHRUB				7/22/2011	VA	45.118686	-117.937730		
252	250	2	WEME	SHRUB				7/22/2011	A	45.118676	-117.937386		
253	500	2	VESP	SHRUB				7/22/2011	A	45.118676	-117.937385		
254	0	1	COYOTE	SHRUB				7/22/2011	V	45.117602	-117.936311		
255	250	1	PRONGHORN ANTELOPE	SHRUB				7/22/2011	V	45.117598	-117.936301		
256	100	3	BRSP	SHRUB				7/22/2011	VA	45.117597	-117.936301		
257	100	2	WEME	SHRUB				7/22/2011	A	45.116931	-117.935265		
258	250	1	VESP	SHRUB				7/22/2011	A	45.116947	-117.935254		
259	0	4	BRSP	SHRUB				7/22/2011	VA	45.115520	-117.932267		
260	100	2	VESP	SHRUB				7/22/2011	A	45.115520	-117.932267		
261	50	1	BRSP	SHRUB				7/22/2011	VA	45.113427	-117.928370		
262	300	3	VESP	SHRUB				7/22/2011	AV	45.113426	-117.928370		
263	100	2	WEME	SHRUB				7/22/2011	A	45.113427	-117.928371		
264	0	1	WEKI	SHRUB				7/22/2011	V	45.112352	-117.927102		
265	100	2	VESP	SHRUB				7/22/2011	A	45.112351	-117.927101		
266	0	2	LASP	SHRUB				7/22/2011	VA	45.111846	-117.926360		
267	50	2	BRSP	SHRUB				7/22/2011	A	45.110058	-117.923093		
268	250	2	VESP	SHRUB				7/22/2011	A	45.110056	-117.923090		
269	0	2	BRSP	SHRUB				7/22/2011	VA	45.109736	-117.922240		
270	0	4	HOLA	SHRUB				7/22/2011	VA	45.108033	-117.918652		
271	250	5	BRSP	SHRUB				7/22/2011	VA	45.108028	-117.918655		
272	250	3	VESP	SHRUB				7/22/2011	VA	45.108028	-117.918655		
273	0	4	VESP	SHRUB				7/22/2011	V	45.107989	-117.917655		
274	250	5	VESP	SHRUB				7/22/2011	VA	45.107001	-117.915280		
275	250	2	WEME	SHRUB				7/22/2011	A	45.106999	-117.915286		
276	200	2	WEME	SHRUB				7/22/2011	A	45.105560	-117.914811		
277	50	2	BRSP	SHRUB				7/22/2011	A	45.105559	-117.914811		
278	0	2	BRSP	SHRUB				7/22/2011	VA	45.104887	-117.913662		
279	50	4	BRSP	SHRUB				7/22/2011	VA	45.104518	-117.911467		
280	250	1	GRSP	SHRUB				7/22/2011	A	45.104520	-117.911464		X
281	250	2	VESP	SHRUB				7/22/2011	V	45.104520	-117.911464		
282	100	2	WEME	SHRUB				7/22/2011	A	45.104519	-117.911465		
300	500	2	SWHA	SHRUB				7/22/2011	VA	45.103366	-117.911377		X
301	250	3	WEME	SHRUB				7/22/2011	VA	45.103367	-117.911379		
302	0	1	VESP	SHRUB				7/22/2011	V	45.103154	-117.911060		
303	100	1	BRSP	SHRUB				7/22/2011	A	45.103153	-117.911060		
304	0	4	HOLA	GRASS				7/22/2011	VA	45.102053	-117.908651		
305	0	1	WEKI	GRASS				7/22/2011	V	45.101399	-117.908098		
306	1	10	CLSW	GRASS				7/22/2011	V	45.101397	-117.908098		
307	50	2	BRSP	SHRUB				7/22/2011	V	45.101395	-117.908097		
308	0	4	HOLA	GRASS				7/22/2011	VA	45.101394	-117.908096		
309	250	3	WEME	GRASS				7/22/2011	A	45.101394	-117.908096		
310	0	6	CLSW	GRASS				7/22/2011	VA	45.101394	-117.908096		
311	100	3	VESP	SHRUB				7/22/2011	VA	45.100263	-117.906147		
312	0	2	BRSP	SHRUB				7/22/2011	V	45.100272	-117.906138		
313	0	2	LEGO	GRASS				7/22/2011	VA	45.099745	-117.905320		
314	0	2	BARS	GRASS				7/22/2011	V	45.099554	-117.904996		
315	100	4	BUOR	GRASS				7/22/2011	A	45.099549	-117.904994		
316	0	3	HOLA	SHRUB				7/22/2011	V	45.098971	-117.903962		
317	0	9	CLSW	SHRUB				7/22/2011	VA	45.098971	-117.903954		
318	100	3	VESP	SHRUB				7/22/2011	A	45.098971	-117.903959		
319	0	1	EAKI	SHRUB				7/22/2011	V	45.098271	-117.903569		
320	100	5	HOLA	SHRUB				7/22/2011	V	45.098251	-117.903558		
321	250	3	WEME	SHRUB				7/22/2011	A	45.098241	-117.903564		
322	250	2	VESP	SHRUB				7/22/2011	VA	45.097226	-117.900943		
323	0	3	WEME	SHRUB				7/22/2011	VA	45.097225	-117.900943		
324	0	2	VESP	SHRUB				7/22/2011	V	45.095562	-117.898772		
325	0	2	BRSP	SHRUB				7/22/2011	V	45.095563	-117.898770		
326	250	1	GRSP	GRASS				7/22/2011	A	45.095571	-117.898769		X
327	0	9	VGSW	GRASS				7/22/2011	VA	45.095577	-117.898767		
328	500	1	NOFL	SHRUB				7/22/2011	A	45.095578	-117.898767		X
330	0	4	VESP	SHRUB				7/22/2011	VA	45.095224	-117.897921		

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331	0	5	BRSP	SHRUB				7/22/2011	VA	45.095185	-117.897841		
332	100	3	WEME	SHRUB				7/22/2011	VA	45.092731	-117.894880		
333	500	2	VESP	SHRUB				7/22/2011	A	45.092734	-117.894878		
334	250	2	VESP	SHRUB				7/22/2011	A	45.091896	-117.893100		
335	0	1	BRSP	SHRUB				7/22/2011	V	45.091283	-117.890741		
335	250	1	NOFL	SHRUB				7/22/2011	A	45.091896	-117.893100		X
336	0	2	VESP	SHRUB				7/22/2011	A	45.091284	-117.890742		
336	250	7	BUOR	SHRUB				7/22/2011	A	45.091895	-117.893099		
337	100	2	VESP	SHRUB				7/22/2011	VA	45.090285	-117.890058		
337	0	1	OSPR	SHRUB				7/22/2011	V	45.091280	-117.890747		
338	100	3	VESP	SHRUB				7/22/2011	A	45.089000	-117.888587		
339	0	1	GRAP	SHRUB				7/22/2011	VA	45.089002	-117.888588		
340	0	1	HOLA	SHRUB				7/22/2011	VA	45.088007	-117.887344		
341	250	1	BRSP	SHRUB				7/22/2011	A	45.088003	-117.887348		
342	0	2	VESP	SHRUB				7/22/2011	VA	45.087163	-117.886608		
343	50	6	HOLA	SHRUB				7/22/2011	VA	45.086457	-117.885655		
344	0	1	TUVU	SHRUB				7/22/2011	V	45.085324	-117.883613		
345	0	1	RTHA	SHRUB				7/22/2011	V	45.085327	-117.883610		
346	0	4	HOLA	SHRUB				7/22/2011	VA	45.084701	-117.882553		
347	50	1	GRSP	SHRUB				7/22/2011	A	45.084699	-117.882551		X
348	200	3	WEME	SHRUB				7/22/2011	A	45.083472	-117.880702		
349	200	2	VESP	SHRUB				7/22/2011	V	45.081892	-117.878769		
350	500	2	BRSP	SHRUB				7/22/2011	A	45.081893	-117.878769		
351	0	4	BRSP	SHRUB				7/22/2011	V	45.081107	-117.877249		
352	100	3	WEME	SHRUB				7/22/2011	A	45.081108	-117.877248		
353	0	2	HOLA	SHRUB				7/22/2011	VA	45.080540	-117.875793		
354	250	1	BRSP	SHRUB				7/22/2011	A	45.080540	-117.875799		
355	0	1	MULE DEER	SHRUB				7/22/2011	V	45.080006	-117.875518		
356	0	5	VESP	SHRUB				7/22/2011	V	45.079351	-117.875277		
357	100	5	BRSP	SHRUB				7/22/2011	V	45.079353	-117.875275		
358	50	4	WEME	SHRUB				7/22/2011	A	45.077260	-117.873955		
359	0	7	BRBL	SHRUB				7/22/2011	VA	45.075476	-117.873069		
360	50	2	BRSP	SHRUB				7/24/2011	V	44.938718	-117.798902		
361	0	3	BRSP	SHRUB				7/24/2011	VA	44.937959	-117.798227		
362	0	2	VESP	SHRUB				7/24/2011	VA	44.937959	-117.798224		
363	250	6	BRSP	SHRUB				7/24/2011	VA	44.934119	-117.796215		
364	250	5	VESP	SHRUB				7/24/2011	VA	44.934119	-117.796214		
365	200	3	WEME	SHRUB				7/24/2011	A	44.932539	-117.794694		
366	0	1	CONI	SHRUB				7/24/2011	V	44.930513	-117.792909		X
367	100	1	BRSP	SHRUB				7/24/2011	A	44.928035	-117.791421		
368	250	1	BRSP	SHRUB				7/24/2011	A	44.925304	-117.790195		
369	100	2	WEME	SHRUB				7/24/2011	AV	44.923199	-117.788285		
370	250	1	BRSP	SHRUB				7/24/2011	A	44.920863	-117.787283		
371	250	6	BRSP	SHRUB				7/24/2011	VA	44.916835	-117.784607		
372	50	2	BRSP	SHRUB				7/24/2011	V	44.913801	-117.784053		
373	250	2	BRSP	SHRUB				7/24/2011	V	44.912628	-117.784050		
374	250	2	HOLA	SHRUB				7/24/2011	VA	44.910952	-117.782420		
375	0	1	BRSP	SHRUB				7/24/2011	V	44.910087	-117.781899		
376	0	1	HOLA	SHRUB				7/24/2011	V	44.908851	-117.781576		
377	250	1	BRSP	SHRUB STEPPE				7/24/2011		44.908871	-117.781559		
378	0	3	BRSP	SHRUB				7/24/2011	V	44.907774	-117.780410		
379	0	1	BRSP	SHRUB				7/24/2011	V	44.905809	-117.779303		
380	0	1	MOUNTAIN COTTONTAIL	SHRUB				7/24/2011	V	44.905805	-117.779226		
381	50	5	BRSP	SHRUB				7/24/2011	V	44.904668	-117.778915		
382	0	6	BRSP	SHRUB				7/24/2011	V	44.903228	-117.777986		
383	0	3	HOLA	SHRUB				7/24/2011	VA	44.901594	-117.776961		
384	50	3	BRSP	SHRUB				7/24/2011	V	44.900091	-117.776477		
385	250	1	WEME	SHRUB				7/24/2011	A	44.898137	-117.775159		
386	50	3	BRSP	SHRUB				7/24/2011	VA	44.896416	-117.774090		
387	100	5	BRSP	SHRUB				7/24/2011	VA	44.894762	-117.773079		
388	100	4	VESP	SHRUB				7/24/2011	A	44.894732	-117.773148		
418	0	3	BRSP	SHRUB				7/24/2011	VA	44.894119	-117.772878		
419	0	2	VESP	SHRUB				7/24/2011	V	44.894120	-117.772878		
420	0	6	BRSP	SHRUB				7/24/2011	V	44.893359	-117.772527		
421	0	4	VESP	SHRUB				7/24/2011	V	44.893359	-117.772528		
422	0	12	BRSP	SHRUB				7/24/2011	V	44.892228	-117.772101		
423	0	6	VESP	SHRUB				7/24/2011	V	44.892227	-117.772098		
424	0	2	HOLA	SHRUB				7/24/2011	VA	44.891739	-117.771772		
425	0	13	BRSP	SHRUB				7/24/2011	V	44.890321	-117.771068		
427	250	6	RWBL	SHRUB				7/24/2011	VA	44.890317	-117.771056		
428	0	11	BRSP	SHRUB				7/24/2011	V	44.888161	-117.769888		
429	0	12	VESP	SHRUB				7/24/2011	V	44.887936	-117.769823		
430	0	9	BRSP	SHRUB				7/24/2011	V	44.885882	-117.768757		
431	0	3	HOLA	SHRUB				7/24/2011	VA	44.885876	-117.768745		
432	0	7	VESP	SHRUB				7/24/2011	V	44.885876	-117.768745		

ID	DIST	QUANT	SPECIES	HABITAT	AGE	GENDER	PHOTO	DATE	OBSTYPE	LAT	LONG	COMMENTS	SSS
433	0	7	BRSP	SHRUB				7/24/2011	V	44.883676	-117.767517		
434	0	4	VESP	SHRUB				7/24/2011	V	44.883275	-117.767396		
435	0	11	BRSP	SHRUB				7/24/2011	V	44.881415	-117.765871		
436	0	6	VESP	SHRUB				7/24/2011	V	44.881415	-117.765870		
437	0	2	HOLA	SHRUB				7/24/2011	A	44.881414	-117.765870		
438	0	6	BRSP	SHRUB				7/24/2011	V	44.879082	-117.764894		
439	0	3	VESP	SHRUB				7/24/2011	V	44.879026	-117.764871		
440	0	4	HOLA	SHRUB				7/24/2011	VA	44.877979	-117.763366		
441	100	1	WEME	SHRUB				7/24/2011	VA	44.877978	-117.763361		
442	50	11	BRSP	SHRUB				7/24/2011	V	44.876201	-117.760764		
443	0	6	VESP	SHRUB				7/24/2011	V	44.876196	-117.760770		
444	100	5	HOLA	SHRUB				7/24/2011	VA	44.876196	-117.760771		
445	0	1	COYOTE	GRASS				7/24/2011	V	44.876192	-117.760774		
446	100	6	HOLA	GRASS				7/24/2011	VA	44.874601	-117.757992		
447	100	8	BRSP	SHRUB				7/24/2011	V	44.873414	-117.757621		
448	250	2	HOLA	SHRUB				7/24/2011	A	44.871766	-117.754114		
449	100	4	BRSP	SHRUB				7/24/2011	V	44.871764	-117.754114		
500	50	3	BRSP	SHRUB				7/25/2011	VA	44.855382	-117.735067		
502	100	4	VESP	SHRUB				7/25/2011	VA	44.855379	-117.735067		
502	250	1	WEME	SHRUB				7/25/2011	A	44.855383	-117.735081		
503	50	5	HOLA	SHRUB				7/25/2011	VA	44.856023	-117.735082		
504	50	5	BRSP	SHRUB				7/25/2011	VA	44.856918	-117.736658		
505	50	4	VESP	SHRUB				7/25/2011	VA	44.856918	-117.736658		
506	100	3	HOLA	SHRUB				7/25/2011	A	44.856917	-117.736657		
507	50	5	BRSP	SHRUB				7/25/2011	VA	44.858627	-117.738734		
509	50	2	VESP	SHRUB				7/25/2011	VA	44.858627	-117.738737		
510	100	3	HOLA	SHRUB				7/25/2011	VA	44.858627	-117.738736		
511	100	4	BRSP	SHRUB				7/25/2011	VA	44.859896	-117.740066		
512	200	4	HOLA	SHRUB				7/25/2011	A	44.859888	-117.740077		
513	50	3	VESP	SHRUB				7/25/2011	VA	44.861702	-117.741974		
514	50	3	BRSP	SHRUB				7/25/2011	VA	44.861704	-117.741972		
515	100	5	HOLA	SHRUB				7/25/2011	VA	44.861704	-117.741971		
516	100	5	HOLA	SHRUB				7/25/2011	VA	44.863438	-117.743836		
517	250	2	BRSP	SHRUB				7/25/2011	A	44.863438	-117.743836		
520	100	3	HOLA	SHRUB				7/25/2011	A	44.806403	-117.710497		
521	100	2	BRSP	SHRUB				7/25/2011	A	44.807316	-117.710861		
521	100	1	VESP	SHRUB				7/25/2011	A	44.808614	-117.710300		
522	50	3	BRSP	SHRUB				7/25/2011	VA	44.808613	-117.710300		
523	50	4	BRSP	SHRUB				7/25/2011	V	44.810505	-117.708107		
524	50	5	HOLA	SHRUB				7/25/2011	VA	44.810504	-117.708106		
525	0	1	BLACK-TAILED JACKRABBIT	SHRUB				7/25/2011	V	44.812503	-117.706532		
526	100	4	HOLA	SHRUB				7/25/2011	VA	44.812503	-117.706532		
527	100	3	BRSP	SHRUB				7/25/2011	V	44.812504	-117.706532		
528	100	3	BRSP	SHRUB				7/25/2011	VA	44.814342	-117.704982		
529	100	3	HOLA	SHRUB				7/25/2011	VA	44.814347	-117.704982		
530	50	2	BRSP	SHRUB				7/25/2011	VA	44.816424	-117.703840		
531	100	3	HOLA	SHRUB				7/25/2011	A	44.816424	-117.703840		
532	50	3	HOLA	SHRUB				7/25/2011	A	44.818506	-117.702525		
533	50	2	BRSP	SHRUB				7/25/2011	V	44.818507	-117.702525		
534	0	1	MOUNTAIN COTTONTAIL	SHRUB				7/25/2011	V	44.819275	-117.701819		
535	250	1	WEKI	SHRUB				7/25/2011	V	44.820920	-117.701245		
536	250	2	BRSP	SHRUB				7/25/2011	A	44.820922	-117.701245		
537	100	3	BRSP	SHRUB				7/25/2011	VA	44.821993	-117.701043		
538	0	2	VESP	SHRUB				7/25/2011	V	44.823523	-117.700576		
539	50	1	WEME	SHRUB				7/25/2011	A	44.823523	-117.700577		
540	100	3	HOLA	SHRUB				7/25/2011	A	44.752451	-117.711931		
540	100	4	BRSP	SHRUB				7/25/2011	VA	44.823522	-117.700576		
541	50	2	BRSP	SHRUB				7/25/2011	V	44.755743	-117.713339		
542	0	6	HOLA	SHRUB				7/25/2011	VA	44.755775	-117.713350		
543	0	2	VESP	SHRUB				7/25/2011	V	44.756364	-117.713257		
544	0	1	ROWR	SHRUB				7/25/2011	V	44.757176	-117.712411		
545	0	2	BRSP	SHRUB				7/25/2011	V	44.757382	-117.712171		
546	0	4	BRSP	SHRUB				7/25/2011	VA	44.758877	-117.713289		
547	50	4	BRSP	SHRUB				7/25/2011	VA	44.760547	-117.713311		
548	250	2	WEME	SHRUB				7/25/2011	A	44.760545	-117.713307		
549	0	2	BRSP	SHRUB				7/25/2011	V	44.761892	-117.713408		
550	0	2	VESP	SHRUB				7/25/2011	V	44.761983	-117.713356		
551	50	2	BRSP	SHRUB				7/25/2011	VA	44.764630	-117.713319		
552	250	1	WEME	SHRUB				7/25/2011	A	44.764605	-117.713413		
552	0	1	VESP	SHRUB				7/25/2011	V	44.766238	-117.713898		
553	100	2	WEME	SHRUB				7/25/2011	A	44.766594	-117.714066		
554	50	3	WEME	SHRUB				7/25/2011	AV	44.768386	-117.715329		
555	100	4	WEME	SHRUB				7/25/2011	A	44.770053	-117.714627		
556	100	2	LOSH	SHRUB				7/25/2011	VA	44.770777	-117.714908		X
557	50	2	HOLA	SHRUB				7/25/2011	A	44.772971	-117.715958		

ID	DIST	QUANT	SPECIES	HABITAT	AGE	GENDER	PHOTO	DATE	OBSTYPE	LAT	LONG	COMMENTS	SSS
558	50	4	BRSP	SHRUB				7/25/2011	VA	44.777106	-117.718353		
559	100	2	WEME	SHRUB				7/25/2011	A	44.777102	-117.718354		
560	50	1	HOLA	SHRUB				7/25/2011	A	44.778189	-117.718317		
561	0	2	BRSP	SHRUB				7/25/2011	A	44.778572	-117.718305		
562	50	6	BRSP	SHRUB				7/25/2011	VA	44.780162	-117.718464		
563	0	2	BRSP	SHRUB				7/25/2011	V	44.782021	-117.719575		
564	50	1	HOLA	SHRUB				7/25/2011	AV	44.782203	-117.719556		
565	50	1	HOLA	SHRUB				7/25/2011	A	44.784043	-117.719101		
566	50	1	BRSP	SHRUB				7/25/2011	A	44.787101	-117.720622		
567	100	1	WEKI	SHRUB				7/25/2011	V	44.787990	-117.719181		
568	250	2	GRAP	SHRUB				7/25/2011	VA	44.788305	-117.719163		
569	0	8	BRSP	SHRUB				7/25/2011	VA	44.789396	-117.719652		
570	100	2	WEME	SHRUB				7/25/2011	A	44.792939	-117.720758		
571	0	7	BRSP	SHRUB				7/25/2011	A	44.795385	-117.719291		
572	50	6	BRSP	SHRUB				7/25/2011	VA	44.797113	-117.717947		
573	50	3	HOLA	SHRUB				7/25/2011	A	44.797113	-117.717947		
573	50	4	BRSP	SHRUB				7/25/2011	VA	44.799136	-117.716211		
574	0	7	HOLA	SHRUB				7/25/2011	VA	44.799136	-117.716210		
575	50	6	HOLA	SHRUB				7/25/2011	VA	44.801456	-117.714738		
576	0	7	BRSP	SHRUB				7/25/2011	VA	44.802598	-117.713958		
502	100	5	VESP	SHRUB				7/26/2011	VA	44.697757	-117.688281		
503	200	6	BRSP	SHRUB				7/26/2011	VA	44.697757	-117.688278		
504	50	4	BRSP	SHRUB				7/26/2011	VA	44.696519	-117.685785		
505	250	8	VESP	SHRUB				7/26/2011	VA	44.696913	-117.685522		
507	0	9	BRSP	SHRUB				7/26/2011	VA	44.695982	-117.682323		
508	100	8	BRSP	SHRUB				7/26/2011	VA	44.695425	-117.680287		
509	0	5	VESP	SHRUB				7/26/2011	V	44.695073	-117.677849		
510	50	6	BRSP	SHRUB				7/26/2011	VA	44.695074	-117.677847		
511	0	2	WEME	SHRUB				7/26/2011	VA	44.694420	-117.675611		
512	0	4	VESP	SHRUB				7/26/2011	V	44.693781	-117.672317		
513	250	2	BRSP	SHRUB				7/26/2011	VA	44.693376	-117.670791		
514	250	11	BRSP	SHRUB				7/26/2011	VA	44.692891	-117.667802		
515	100	7	VESP	SHRUB				7/26/2011	VA	44.692891	-117.667801		
516	250	1	BARS	SHRUB				7/26/2011	V	44.692099	-117.666232		
517	250	3	HOLA	SHRUB				7/26/2011	A	44.692055	-117.666050		
518	0	6	BRSP	SHRUB				7/26/2011	VA	44.691822	-117.664897		
519	750	1	RTHA	SHRUB				7/26/2011	A	44.691775	-117.664858		
520	250	1	LOSH	SHRUB				7/26/2011	V	44.691591	-117.664642		X
521	0	11	BRSP	SHRUB				7/26/2011	VA	44.691375	-117.664109		
522	250	3	HOLA	SHRUB				7/26/2011	A	44.691372	-117.664107		
523	0	5	VESP	SHRUB				7/26/2011	V	44.691429	-117.662927		
524	0	2	HOLA	SHRUB				7/26/2011	VA	44.691678	-117.661669		
525	250	6	BRSP	SHRUB				7/26/2011	VA	44.691709	-117.661657		
526	250	4	VESP	SHRUB				7/26/2011	VA	44.691705	-117.661666		
527	250	6	CLSW	SHRUB				7/26/2011	A	44.691131	-117.658755		
528	100	3	BRSP	SHRUB				7/26/2011	A	44.691001	-117.657654		
529	250	6	BRSP	SHRUB				7/26/2011	VA	44.690985	-117.656680		
530	0	1	BRSP	SHRUB				7/26/2011	A	44.690052	-117.649610		
531	0	1	CLSW	SHRUB				7/26/2011	V	44.689739	-117.648109		
532	500	1	TUVU	SHRUB				7/26/2011	V	44.688770	-117.645432		
533	250	1	HOLA	SHRUB				7/26/2011	V	44.688770	-117.645437		
534	500	1	BRSP	SHRUB				7/26/2011	A	44.688770	-117.645437		
535	0	2	VESP	SHRUB				7/26/2011	A	44.687855	-117.641706		
536	0	1	CLSW	SHRUB				7/26/2011	V	44.687857	-117.641703		
537	250	1	RTHA	SHRUB				7/26/2011	V	44.687668	-117.639803		
538	50	5	BRSP	SHRUB				7/26/2011	VA	44.687251	-117.637056		
539	0	6	VESP	SHRUB				7/26/2011	VA	44.687276	-117.636771		
540	0	8	BRSP	SHRUB				7/26/2011	AV	44.687096	-117.635267		
541	0	11	BRSP	SHRUB				7/26/2011	VA	44.686394	-117.633959		
542	100	5	VESP	SHRUB				7/26/2011	VA	44.686393	-117.633958		
543	100	1	SATH	SHRUB				7/26/2011	A	44.685947	-117.632530		X
544	50	12	BRSP	SHRUB				7/26/2011	AV	44.685681	-117.631996		
545	100	3	VESP	SHRUB				7/26/2011	V	44.685469	-117.630707		
546	0	1	CLSW	SHRUB				7/26/2011	V	44.684840	-117.628676		
547	100	3	BRSP	SHRUB				7/26/2011	AV	44.684356	-117.625965		
548	50	10	BRSP	SHRUB				7/26/2011	VA	44.683908	-117.624091		
549	100	3	VESP	SHRUB				7/26/2011	V	44.683907	-117.624092		
550	500	1	TUVU	SHRUB				7/26/2011	V	44.683396	-117.621830		
551	50	2	VESP	SHRUB				7/26/2011	A	44.682288	-117.616199		
552	0	4	VESP	SHRUB				7/26/2011	V	44.681676	-117.612924		
553	250	2	HOLA	GRASS				7/26/2011	A	44.681377	-117.608080		
554	250	1	WEME	SHRUB				7/26/2011	A	44.681378	-117.608075		
555	250	1	AMRO	SHRUB				7/26/2011	VA	44.680171	-117.603423		
556	100	2	RTHA	SHRUB				7/26/2011	VA	44.680165	-117.603427		
557	500	1	KILL	GRASS				7/26/2011	A	44.680165	-117.603426		

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558	500	5	CLSW	GRASS				7/26/2011	AV	44.680165	-117.603426		
559	250	1	HOLA	SHRUB				7/26/2011	A	44.680165	-117.603426		
560	50	3	BRSP	SHRUB				7/26/2011	VA	44.680599	-117.601199		
561	250	1	KILL	GRASS				7/26/2011	A	44.680113	-117.596517		
562	250	1	SATH	SHRUB				7/26/2011	A	44.680112	-117.596513		X
563	0	2	VESP	SHRUB				7/26/2011	V	44.679914	-117.593949		
564	0	5	VGSW	SHRUB				7/26/2011	VA	44.679920	-117.593947		
565	0	2	WEME	SHRUB				7/26/2011	V	44.678934	-117.591458		
566	250	4	HOLA	GRASS				7/26/2011	A	44.679164	-117.590102		
567	100	4	WEME	SHRUB				7/26/2011	VA	44.679165	-117.590102		
568	0	5	HOLA	GRASS				7/26/2011	VA	44.677770	-117.587495		
569	100	6	WEME	SHRUB				7/26/2011	VA	44.677770	-117.587490		
570	100	1	MODO	SHRUB				7/26/2011	V	44.676911	-117.586389		
571	250	2	LASP	SHRUB				7/26/2011	A	44.676945	-117.586310		
572	750	1	TUVU	SHRUB				7/26/2011	V	44.676920	-117.586385		
573	250	3	VESP	SHRUB				7/26/2011	V	44.676909	-117.586407		
574	0	1	CLSW	SHRUB				7/26/2011	V	44.676906	-117.586405		
575	50	3	BRSP	SHRUB				7/26/2011	V	44.676215	-117.585362		
576	0	1	CLSW	SHRUB				7/26/2011	V	44.676216	-117.585360		
577	100	6	WEME	SHRUB				7/26/2011	VA	44.674345	-117.582691		
577	50	17	BRSP	SHRUB				7/26/2011	VA	44.805847	-117.712406		
578	250	1	CONI	SHRUB				7/26/2011	A	44.674341	-117.582690		X
578	100	2	WEME	SHRUB				7/26/2011	A	44.805884	-117.712411		
579	50	15	BRBL	SHRUB				7/26/2011	VA	44.673750	-117.581447		
580	100	12	WEME	SHRUB				7/26/2011	VA	44.671848	-117.579894		
581	50	4	VESP	SHRUB				7/26/2011	V	44.671847	-117.579890		
582	100	1	LAZB	SHRUB				7/26/2011	A	44.671690	-117.579400		
583	0	22	BRBL	GRASS				7/26/2011	VA	44.671639	-117.579350		
584	0	9	CLSW	GRASS				7/26/2011	VA	44.670035	-117.578413		
585	250	8	WEME	SHRUB				7/26/2011	VA	44.670036	-117.578415		
586	0	19	CLSW	GRASS				7/26/2011	VA	44.667799	-117.575551		
600	50	1	SATH	SHRUB				7/26/2011	VA	44.697836	-117.691387		X
601	50	3	BRSP	SHRUB				7/26/2011	AV	44.697865	-117.691576		
600	100	1	GRSP	GRASS				7/27/2011	A	44.667424	-117.575021		X
601	0	22	BRBL	GRASS				7/27/2011	VA	44.667072	-117.573680		
602	0	16	WEME	SHRUB				7/27/2011	VA	44.667077	-117.573687		
603	50	27	CLSW	SHRUB				7/27/2011	VA	44.665477	-117.572241		
604	250	1	BUOR	GRASS				7/27/2011	A	44.665477	-117.572241		
605	0	6	LASP	SHRUB				7/27/2011	VA	44.665151	-117.572114		
606	1000	1	GOEA	SHRUB				7/27/2011	V	44.663632	-117.569160		
607	100	3	WEME	SHRUB				7/27/2011	A	44.661255	-117.565431		
608	250	1	WEME	SHRUB				7/27/2011	A	44.658234	-117.559740		
609	50	1	BRSP	SHRUB				7/27/2011	A	44.656767	-117.556911		
610	0	2	CLSW	SHRUB				7/27/2011	VA	44.656321	-117.554711		
611	50	1	MODO	SHRUB				7/27/2011	V	44.655782	-117.553315		
612	100	2	WEME	SHRUB				7/27/2011	A	44.655782	-117.553315		
613	250	6	WEME	SHRUB				7/27/2011	A	44.654844	-117.550531		
614	500	2	LASP	SHRUB				7/27/2011	A	44.654843	-117.550533		
615	100	3	LASP	SHRUB				7/27/2011	VA	44.652886	-117.547373		
616	0	5	BRBL	SHRUB				7/27/2011	V	44.652888	-117.547373		
617	250	3	WEME	SHRUB				7/27/2011	A	44.652891	-117.547372		
618	0	33	BRBL	SHRUB				7/27/2011	VA	44.651136	-117.544172		
619	500	1	WEWP	RIPARIAN				7/27/2011	A	44.651130	-117.544191		
620	100	2	LASP	SHRUB				7/27/2011	A	44.651133	-117.544189		
621	0	25	BRBL	SHRUB				7/27/2011	VA	44.650144	-117.539926		
622	0	1	LASP	SHRUB				7/27/2011	A	44.648147	-117.537727		
623	50	3	LASP	SHRUB				7/27/2011	VA	44.647002	-117.534366		
624	250	2	WEME	SHRUB				7/27/2011	A	44.643320	-117.526374		
625	9	2	LASP	SHRUB				7/27/2011	V	44.641806	-117.523651		
626	0	4	HOFI	SHRUB				7/27/2011	VA	44.641352	-117.523114		
627	0	2	LASP	SHRUB				7/27/2011	A	44.638409	-117.516488		
628	0	1	CONI	SHRUB				7/27/2011	V	44.638380	-117.516461		X
629	0	2	HOFI	SHRUB				7/27/2011	VA	44.638371	-117.516468		
630	0	2	WEKI	SHRUB				7/27/2011	VA	44.637886	-117.515289		
631	0	1	CONI	SHRUB				7/27/2011	V	44.626357	-117.490530		X
632	50	2	WEKI	SHRUB				7/27/2011	VA	44.626356	-117.490532		
633	100	4	WEME	SHRUB				7/27/2011	A	44.626356	-117.490532		
634	0	2	MODO	SHRUB				7/27/2011	V	44.627631	-117.493676		
635	50	3	CONI	SHRUB				7/27/2011	V	44.627632	-117.493677		X
636	100	3	CONI	SHRUB				7/27/2011	VA	44.628729	-117.496132		X
637	250	2	WEME	SHRUB				7/27/2011	A	44.628728	-117.496138		
638	250	2	CAQU	SHRUB				7/27/2011	A	44.629288	-117.497566	LORS OF JUNIPER	
639	200	2	LOSH	SHRUB				7/27/2011	VA	44.629203	-117.497562		X
640	0	1	MODO	SHRUB				7/27/2011	V	44.630064	-117.498611		
641	250	4	WEME	SHRUB				7/27/2011	A	44.630064	-117.498613		

ID	DIST	QUANT	SPECIES	HABITAT	AGE	GENDER	PHOTO	DATE	OBSTYPE	LAT	LONG	COMMENTS	SSS
642	100	1	CONI	SHRUB				7/27/2011	V	44.631668	-117.501977		X
643	250	6	WEME	SHRUB				7/27/2011	A	44.631670	-117.501970		
644	750	2	RTHA	SHRUB				7/27/2011	VA	44.631668	-117.501971		
645	0	1	CONI	SHRUB				7/27/2011	V	44.632481	-117.504423		X
646	250	1	LASP	SHRUB				7/27/2011	A	44.632483	-117.504424		
647	500	2	LASP	SHRUB				7/27/2011	A	44.633784	-117.505977		
648	0	1	CONI	SHRUB				7/27/2011	V	44.634914	-117.508597		X
649	250	2	WEME	SHRUB				7/27/2011	A	44.634911	-117.508614		
650	250	3	LASP	SHRUB				7/27/2011	VA	44.636415	-117.511819		
651	50	1	BAOW	SHRUB				7/27/2011	V	44.626082	-117.489865		
651	0	4	LASP	SHRUB				7/27/2011	VA	44.637486	-117.514060		
652	0	1	WEME	SHRUB				7/27/2011	V	44.614337	-117.468397		
653	0	1	WEME	SHRUB				7/27/2011	V	44.616508	-117.471628		
654	100	1	WEME	SHRUB				7/27/2011	A	44.617062	-117.473612		
655	250	2	WEME	SHRUB				7/27/2011	VA	44.618908	-117.475866		
656	100	2	LASP	SHRUB				7/27/2011	A	44.620263	-117.478803		
657	250	1	WEME	SHRUB				7/27/2011	A	44.613322	-117.465433		
658	50	2	LASP	SHRUB				7/27/2011	V	44.612500	-117.464485		
659	0	2	LASP	SHRUB				7/27/2011	VA	44.611657	-117.462371		
660	750	2	CORA	SHRUB				7/27/2011	A	44.611651	-117.462367		
661	100	1	WEKI	SHRUB				7/27/2011	VA	44.611653	-117.462366		
662	0	1	PRONGHORN ANTELOPE	SHRUB				7/27/2011	V	44.611607	-117.462217		
663	100	1	WEKI	SHRUB				7/27/2011	VA	44.610397	-117.460269		
664	100	3	LASP	SHRUB				7/27/2011	VA	44.610127	-117.459635		
653	500	2	AMKE	SHRUB				7/28/2011	A	44.563037	-117.371960		
654	100	1	CAQU	SHRUB				7/28/2011	A	44.563034	-117.371960		
655	0	1	AMRO	SHRUB				7/28/2011	V	44.564189	-117.372127		
656	250	2	LASP	SHRUB				7/28/2011	A	44.564190	-117.372128		
657	250	4	BUOR	SHRUB				7/28/2011	VA	44.564819	-117.372853		
658	250	5	LASP	SHRUB				7/28/2011	AV	44.564820	-117.372853		
659	250	3	LAZB	SHRUB				7/28/2011	V	44.564822	-117.372853		
660	0	1	BRSP	SHRUB				7/28/2011	V	44.566548	-117.374184		
661	100	1	BUOR	SHRUB				7/28/2011	A	44.566549	-117.374184		
663	250	3	WEME	SHRUB				7/28/2011	A	44.567765	-117.375687		
664	250	2	LASP	SHRUB				7/28/2011	VA	44.567764	-117.375687		
665	250	3	LAZB	SHRUB				7/28/2011	VA	44.569175	-117.378607		
666	100	2	WEME	SHRUB				7/28/2011	A	44.569181	-117.378611		
667	100	3	LASP	SHRUB				7/28/2011	VA	44.569184	-117.378599		
668	50	1	CAQU	SHRUB				7/28/2011	A	44.569183	-117.378599		
669	250	1	WEME	SHRUB				7/28/2011	A	44.570479	-117.381570		
670	0	3	LASP	SHRUB				7/28/2011	VA	44.571266	-117.383510		
671	250	1	LAZB	SHRUB				7/28/2011	A	44.571265	-117.383509		
672	100	1	LASP	SHRUB				7/28/2011	A	44.572522	-117.385554		
673	250	3	RTHA	SHRUB				7/28/2011	V	44.574103	-117.389283		
673	100	2	WEME	SHRUB				7/28/2011	A	44.575247	-117.390303		
674	50	3	WEME	SHRUB				7/28/2011	VA	44.576195	-117.392550		
675	0	1	SWHA	SHRUB				7/28/2011	V	44.576417	-117.393157		X
676	100	1	LAZB	SHRUB				7/28/2011	A	44.577429	-117.394827		
677	0	1	MOUNTAIN COTTONTAIL	SHRUB				7/28/2011	V	44.578302	-117.396786		
678	100	4	LAZB	SHRUB				7/28/2011	VA	44.578303	-117.396784		
679	0	1	LASP	SHRUB				7/28/2011	VA	44.578695	-117.398644		
680	50	2	LAZB	SHRUB				7/28/2011	A	44.578696	-117.398650		
681	250	2	LAZB	SHRUB				7/28/2011	VA	44.579474	-117.401298		
682	500	1	RTHA	SHRUB				7/28/2011	A	44.581560	-117.403093		
683	250	1	MODO	SHRUB				7/28/2011	A	44.531669	-117.366192		
684	100	2	LAZB	SHRUB				7/28/2011	VA	44.531666	-117.366193		
685	0	1	LAZB	SHRUB				7/28/2011	V	44.533428	-117.366820		
686	100	2	LASP	SHRUB				7/28/2011	A	44.535170	-117.368307		
687	100	2	LAZB	SHRUB				7/28/2011	A	44.535172	-117.368309		
688	50	2	LAZB	SHRUB				7/28/2011	A	44.536553	-117.369613		
689	0	1	MODO	SHRUB				7/28/2011	V	44.537274	-117.370120		
690	0	1	AMKE	SHRUB				7/28/2011	V	44.538268	-117.370457		
691	50	1	WEME	SHRUB				7/28/2011	A	44.539776	-117.371193		
692	0	7	GRAP	SHRUB				7/28/2011	VA	44.541182	-117.371089		
693	750	1	OSPR	SHRUB				7/28/2011	A	44.531522	-117.366227		
694	0	1	AMRO	SHRUB				7/28/2011	V	44.529825	-117.365352		
696	50	2	MODO	SHRUB				7/28/2011	A	44.529826	-117.365342		
697	100	2	LASP	SHRUB				7/28/2011	VA	44.529829	-117.365352		
698	250	2	WEME	SHRUB				7/28/2011	A	44.529012	-117.364263		
700	500	2	LASP	SHRUB				7/28/2011	A	44.582240	-117.404629	JUNIPERS PRESENT	
701	0	2	LASP	SHRUB				7/28/2011	V	44.582819	-117.406764		
702	0	1	BRSP	SHRUB				7/28/2011	V	44.583504	-117.407754		
703	0	1	AMRO	SHRUB				7/28/2011	VA	44.583504	-117.407755		
704	500	1	NOFL	SHRUB				7/28/2011	A	44.583504	-117.407755		X
705	0	6	BUSH	SHRUB				7/28/2011	VA	44.584096	-117.408252		

ID	DIST	QUANT	SPECIES	HABITAT	AGE	GENDER	PHOTO	DATE	OBSTYPE	LAT	LONG	COMMENTS	SSS
706	0	2	BGGN	SHRUB				7/28/2011	VA	44.585380	-117.410579		
707	50	1	LAZB	SHRUB				7/28/2011	V	44.585390	-117.410577		
708	0	1	CAVI	SHRUB				7/28/2011	V	44.585393	-117.410579		
709	100	2	VGSW	SHRUB				7/28/2011	VA	44.585390	-117.410576		
711	500	1	MODO	SHRUB				7/28/2011	A	44.585400	-117.410570		
712	250	3	LASP	SHRUB				7/28/2011	A	44.585393	-117.410581		
713	0	3	CHSP	SHRUB				7/28/2011	VA	44.585578	-117.410754		
714	250	1	HOFI	SHRUB				7/28/2011	A	44.585910	-117.412543		
715	100	1	RTHA	SHRUB				7/28/2011	V	44.586134	-117.412998		
716	200	3	LAZB	SHRUB				7/28/2011	VA	44.586152	-117.413004		
717	100	1	BGGN	SHRUB				7/28/2011	A	44.586150	-117.413003		
718	100	1	MOBL	SHRUB				7/28/2011	V	44.587125	-117.414378		
719	100	2	WEKI	SHRUB				7/28/2011	VA	44.587999	-117.416236		
720	0	2	BRSP	SHRUB				7/28/2011	V	44.588003	-117.416238		
721	500	3	ROWR	SHRUB				7/28/2011	A	44.588626	-117.417104		
722	250	10	AMRO	SHRUB				7/28/2011	V	44.589755	-117.418790		
723	50	1	WEKI	SHRUB				7/28/2011	V	44.589757	-117.418794		
724	500	1	LASP	SHRUB				7/28/2011	A	44.591015	-117.421880	NO JUNIPERS	
725	200	3	WEME	SHRUB				7/28/2011	VA	44.592462	-117.423891		
726	250	3	HOLA	SHRUB				7/28/2011	VA	44.592959	-117.425327		
727	100	2	WEME	SHRUB				7/28/2011	V	44.592959	-117.425327		
728	250	1	LASP	SHRUB				7/28/2011	A	44.593743	-117.426980		
730	0	1	VESP	SHRUB				7/28/2011	V	44.594860	-117.429147		
731	0	2	VGSW	GRASS				7/28/2011	VA	44.596210	-117.433121		
732	0	1	CLSW	GRASS				7/28/2011	V	44.596210	-117.433126		
733	0	1	RTHA	SHRUB				7/28/2011	V	44.597483	-117.434849		
734	0	3	ROWR	SHRUB				7/28/2011	VA	44.598978	-117.436460		
735	50	1	LASP	SHRUB				7/28/2011	V	44.598982	-117.436464		
736	250	3	LASP	SHRUB				7/28/2011	V	44.600409	-117.439566		
737	0	2	AMKE	SHRUB				7/28/2011	V	44.600407	-117.439565		
738	250	2	WEME	SHRUB				7/28/2011	A	44.603079	-117.444222		
739	250	1	LASP	SHRUB				7/28/2011	VA	44.603077	-117.444224		
740	200	3	LASP	SHRUB				7/28/2011	A	44.603441	-117.446644		
741	2500	2	WEME	SHRUB				7/28/2011	A	44.603226	-117.446771		
742	100	1	LASP	SHRUB				7/28/2011	A	44.543111	-117.371011		
743	0	2	AMKE	SHRUB				7/28/2011	V	44.544485	-117.370856		
744	100	1	LASP	SHRUB				7/28/2011	A	44.546000	-117.371275		
745	250	1	WEME	SHRUB				7/28/2011	A	44.549253	-117.370881		
746	200	1	GOPHER SNAKE	SHRUB				7/28/2011	V	44.549328	-117.370676		
746	100	1	LASP	SHRUB				7/28/2011	A	44.551346	-117.369760		
747	0	2	LASP	SHRUB				7/28/2011	VA	44.554003	-117.370232		
748	250	1	LAZB	RIPARIAN				7/28/2011	A	44.554003	-117.370232		
749	100	1	WEME	SHRUB				7/28/2011	VA	44.555497	-117.369481		
750	100	3	WEME	SHRUB				7/28/2011	A	44.557863	-117.370373		
751	100	2	LASP	SHRUB				7/28/2011	VA	44.559293	-117.370315		
752	100	3	LASP	SHRUB				7/28/2011	VA	44.560731	-117.371692		
800	100	1	LAZB	SHRUB				7/29/2011	A	44.326243	-117.354829		
801	250	3	WEME	SHRUB				7/29/2011	A	44.326242	-117.354828		
804	100	3	WEME	SHRUB				7/29/2011	AV	44.328008	-117.351043		
805	250	3	LASP	SHRUB				7/29/2011	VA	44.328012	-117.351045		
805	100	1	SWHA	GRASS				7/29/2011	VA	44.328404	-117.350248		X
806	500	3	GRSG	GRASS				7/29/2011	A	44.328401	-117.350245		X
807	50	6	HOLA	GRASS				7/29/2011	VA	44.330343	-117.345276		
808	0	12	HOLA	GRASS				7/29/2011	VA	44.333308	-117.342102		
809	100	6	HOLA	GRASS				7/29/2011	VA	44.334065	-117.340851		
810	50	8	HOLA	GRASS				7/29/2011	VA	44.336336	-117.337847		
812	0	2	WEME	GRASS				7/29/2011	VA	44.336541	-117.337555		
813	250	1	RTHA	GRASS				7/29/2011	VA	44.337165	-117.336150		
814	0	1	AMKE	GRASS				7/29/2011	V	44.337165	-117.336149		
814	0	1	MULE DEER	GRASS				7/29/2011	V	44.339134	-117.333320		
816	50	1	GRSP	GRASS				7/29/2011	A	44.340040	-117.332549		X
817	1000	1	CORA	GRASS				7/29/2011	A	44.340042	-117.332555		
817	50	3	GRSP	GRASS				7/29/2011	A	44.340451	-117.331031		X
818	0	2	WEME	GRASS				7/29/2011	V	44.341429	-117.330153		
819	200	2	ROWR	GRASS				7/29/2011	A	44.341425	-117.330150		
820	0	3	MULE DEER	GRASS				7/29/2011	V	44.343926	-117.327618		
821	50	3	HOLA	GRASS				7/29/2011	VA	44.343928	-117.327615		
822	200	4	WEME	GRASS				7/29/2011	VA	44.343926	-117.327616		

APPENDIX F
WILDLIFE FIELD NOTE SUMMARY

Appendix F
Wildlife Field Note Summary

Date	Mile Post	Corridor	Access Road	Species	Comments
4/5/11		x			Low 50's, winds 16-28 mph, overcast
4/13/11	0-.5	x		deer	tracks and scat
4/5/11	0-3.5	x		deer	significant deer use, deer trail runs along fence with various crossing locations
4/5/11	1-2	x		swallow	appeared to be swallow migration activity
4/13/11	1.2-1.5	x		coyote, deer	coyote scat, deer tracks
4/13/11	2.3-2.8	x		deer, elk, coyote	game trail, fence crossings, coyote scat
4/13/11	3.8	x		coyote	scat
4/5/11	3.5-7	x		deer	light deer use. Winds 15-25 mph, mid 60's, partly cloudy
4/5/11	7	x			mid 60's, winds 10-30 mph, overcast
4/4/11	7-8.5	x			light rain, winds 5-10
4/6/11	8.5-9.5	x			overcast, winds 10-20 mph. No access from MP 9.5-16.5
4/6/11	16.5-25	x		deer	light deer use, and heavy deer use in bottom riparian area. Partly cloudy, 50's, winds 5-10 mph
4/6/11	17.5 & 20.5	x		gopher	gopher activity
4/13/11	18-18.2	x		deer	tracks
4/13/11	20.0	x		deer	tracks
4/13/11	20.8	x		badger, gopher	numerous badger burrows in gopher colony
4/6/11	21	x		FEHA	Radio-collared ferruginous hawk photographed near MP 21
4/13/11	21.8-23	x		ground squirrel	burrows
4/7/11	22.5-23.5	x		gopher, rodent, coyote	Rodent and gopher use along fence line, many dead coyotes and coyote sign likely associated with rancher's dead cattle dump.
4/7/11	24.8	x		AMKE	old whitewash prevalent, possibly some former American kestrel nests
4/13/11	27.2	x		ground squirrel	active colony
4/13/11	29.7	x		pocket gopher	holes
4/9/11	31-36.5	x			8-10 mph winds, cloudy, slight drizzle. No access MP 31-36.5
4/9/11	36.5-40.8	x		deer	light deer use

Appendix F
Wildlife Field Note Summary

Date	Mile Post	Corridor	Access Road	Species	Comments
4/9/11	37.5	x		coyote, deer	coyote sign and deer travel corridor
4/13/11	37.9	x		coyote	scat
4/8/11	39	x		deer	several major deer paths to alfalfa pivot
4/13/11	39	x		coyote, deer	deer trail, coyote scat
4/8/11	41.5-43.5	x			14-16 mph winds, mostly cloudy. No access from MP 41.5-43.5
4/9/11	44.4	x		gopher, elk	significant gopher use. Spike bull elk seen laying down in drawn way up from 207 rd.
4/13/11	45.2	x		pocket gopher	colony with active mounds
4/13/11	45.3	x		coyote	scat
4/9/11	45.5-48.2	x		SEOW	dense CPR, significant short-eared owl use
4/13/11	46.4	x		deer	scat
4/10/11	48.5-51.8	x		deer or antelope, gopher	light deer/antelope use, moderate gopher use
4/13/11	48.8	x		badger	possible den, 3 large entrances dug in past couple weeks
4/11/11	51.8-57.5	x		deer, gopher	light deer and gopher use
4/13/11	52	x		coyote, elk	scat
6/6/11	54.8	x		coyote	scat
6/6/11	56.7	x		coyote	scat
6/6/11	57.1	X		coyote	scat
4/12/11	57.5-59.5	x		SEOW, deer, gopher	heavy short-eared owl use, light deer use, very limited gopher use. No access from MP 59.5-60
4/12/11	57.9		x	deer, coyote	scat
4/13/11	59.3	x		coyote	scat
6/7/11	63	x		SWHA, GHOW	active Swainson's hawk and great horned owl nests
6/7/11	63	x		coyote	tracks, scat, and two burrows
6/7/11	66.7	x		badger	digging along roadside
6/7/11	67.1	x			unknown active burrow about 11 in diameter, 2 nonactive burrows
6/8/11	67.6	x		deer	deer beds and tracks, unknown active burrow 10-12 in in diameter
6/8/11	67-68	x		BUOW	moderate burrowing activity

Appendix F
Wildlife Field Note Summary

Date	Mile Post	Corridor	Access Road	Species	Comments
6/8/11	68-69	x		deer	light burrowing activity and deer use
6/8/11	69.2-70.5	x			moderate to heavy burrow activity
6/8/11	69.6	x		deer	deer tracks and 2 active badger burrows
6/8/11	69.8	x		coyote	burrow
6/8/11	70.4	x		badger	burrow
6/8/11	70.6	x		coyote	active burrow with new tracks within 1-2 days old (last rain)
6/8/11	70.7	x		deer	deer tracks, unknown active burrow
6/8/11	70.8	x		coyote	active coyote burrow
6/8/11	71.5	x			very active riparian corridor
6/21/11	72	x		gopher or mole	limited gopher/mole activity
6/21/11	73-73.5	x		deer	light deer use
6/21/11	73.5	x		coyote	light coyote use
6/21/11	74.5-75	x		deer	moderate deer use
6/21/11	74-74.5	x		deer	light deer use
6/22/11	76-84	x		elk	elk winter use
6/25/11	90	x		coyote	scat
6/26/11	92.9	x		black bear	scat
6/26/11	98.0	x		black bear	scat
6/22/11	92.5-103.5	x		deer, elk	light deer and elk use
6/27/11	177		x	elk	high elk use
6/27/11	178.2		x	elk	high elk use
6/8/11	183.5-185	x		deer, elk, coyote	heavy deer use, light elk and coyote use
6/8/11	185.5-186.5	x		deer, elk, coyote	moderate deer and light elk and coyote use
6/7/11	191.2-195.2	x		deer, elk, coyote	light deer, elk, and coyote use all day
6/7/11	193-194.5	x		deer	2 sets of deer fawns with does
6/5/11	199-202.5	x		deer or pronghorn, elk, coyote	light deer or pronghorn, elk, and coyote use all day
6/25/11	201.5		x	rodent, deer, elk, coyote	high rodent and elk use, moderate coyote use
6/25/11	202		x	rodent, deer, elk, coyote	high rodent, deer, elk use, moderate coyote use
6/6/11	213-219	x		deer or pronghorn	rain most of day, light deer or pronghorn and elk use

Appendix F
Wildlife Field Note Summary

Date	Mile Post	Corridor	Access Road	Species	Comments
6/4/11	218.5-222.5	x		deer or pronghorn, elk, coyote	light deer or pronghorn, elk, and coyote use all day
6/3/11	223-227	x		deer or pronghorn, elk, coyote	light deer or pronghorn, elk, and coyote use all day
5/15/11	229-230	x		ground squirrel, deer or antelope	scattered to light ground squirrel and deer/antelope activity
5/15/11	229	x		rabbit	rabbit activity
5/15/11	230.4	x		horned lizard	desert horned lizard observed on east side of road
5/15/11	231	x		jack rabbit	black tailed jackrabbit observed
5/15/11	234	x		ground squirrel	scattered ground squirrel activity
5/15/11	234.8-235.8	x		antelope or deer, ground squirrel	antelope/deer activity, light ground squirrel activity
5/15/11	236	x		rabbit	rabbit activity
5/15/11	236.5	x		cottontail rabbit	2 cottontail rabbits observed
5/13/11	237.2-237.8		x	ground squirrel, rabbit	light ground squirrel activity, light to moderate rabbit activity
5/13/11	237-237.8	x		ground squirrel, deer	scattered to light ground squirrel activity, random piles of deer pellets
5/13/11	238	x		ground squirrel	scattered ground squirrel activity
5/13/11	238.5-239.4	x		ground squirrel	light ground squirrel activity
5/13/11	239		x	ground squirrel, rabbit	light ground squirrel activity, light to moderate rabbit activity
6/5/11	239		x	BUOW	burrowing owl
5/13/11	239.5	x		ground squirrel, rabbit	light ground squirrel activity and rabbit activity
5/12/11	239.5-240.5		x	ground squirrel, rabbit	light ground squirrel activity, light to moderate rabbit activity
5/13/11	239.7	x		woodrat	nest in rock outcrop
5/13/11	239.8		x	rabbit	moderate to heavy rabbit activity, juvenile black-tailed jackrabbit observed
5/12/11	240		x	deer	scat from a couple deer
5/12/11	240		x	woodrat	nest in rock outcrop
5/12/11	240	x		ground squirrel	moderate ground squirrel activity
5/12/11	240.2		x	reptile	nest

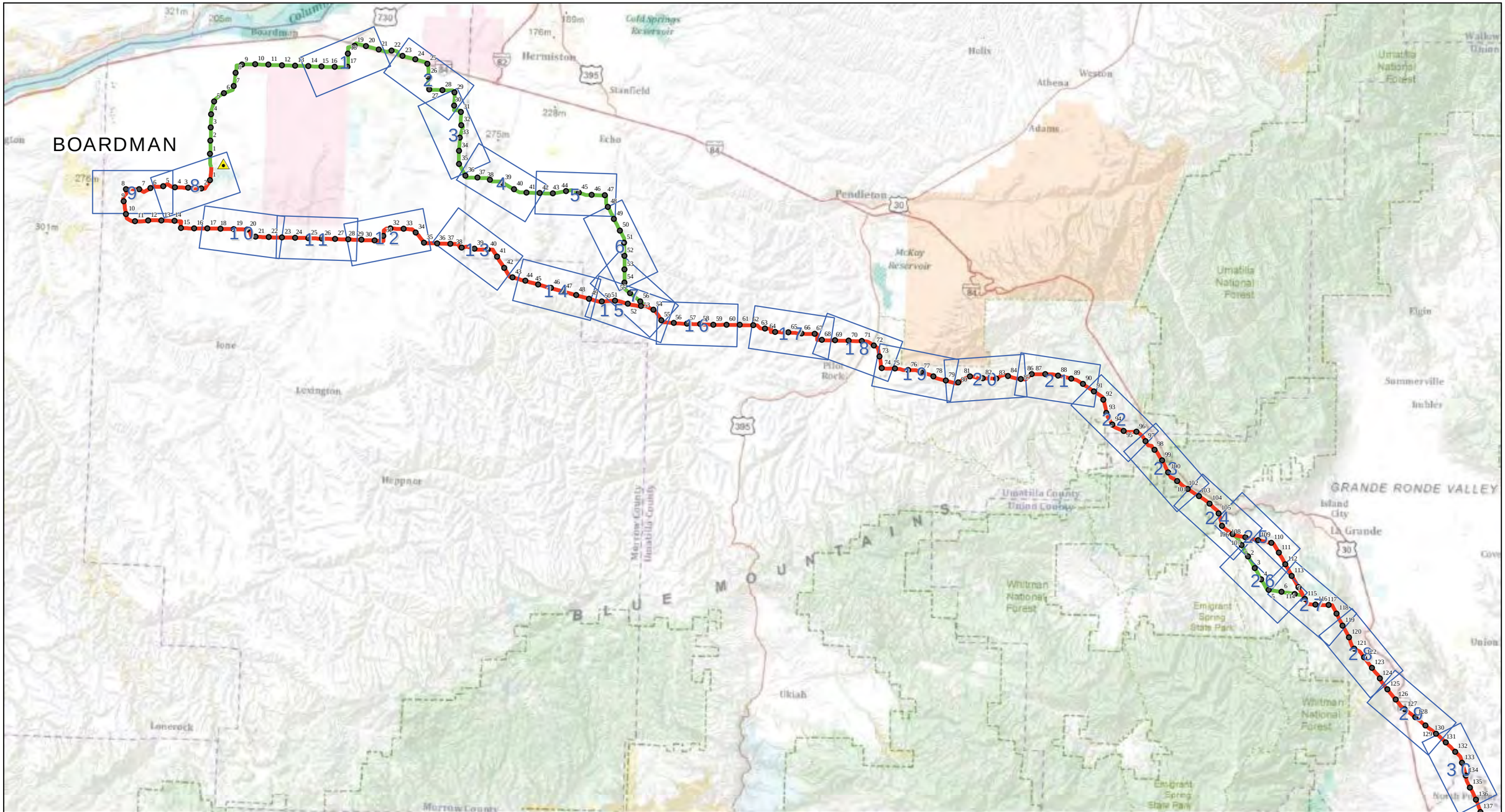
Appendix F
Wildlife Field Note Summary

Date	Mile Post	Corridor	Access Road	Species	Comments
5/12/11	240.5	x		ground squirrel	scatters of ground squirrel activity
6/2/11	254.2-255.5	x		ground squirrel	ground squirrel colonies
6/2/11	256.2	x		ground squirrel	ground squirrel colony
6/2/11	257-257.4	x		deer	moderate deer use
6/2/11	257.2	x		woodrat	woodrat nest
6/2/11	258.4	x		woodrat	woodrat nest and young
6/2/11	259.2	x		deer, coyote	light deer and coyote use
6/1/11	259.2-265	x		deer or pronghorn	some deer or pronghorn use entire day
5/15/11	269.3-271.2	x			rainy and muddy
5/13/11	275.2		x	BUOW	burrowing owl
5/13/11	276		x	BUOW	burrowing owl
5/13/11	276.5		x	rodent	high rodent activity
5/14/11	278.2-278.8	x			rainy and muddy
5/13/11	278.8-288.8	x			
5/13/11	287.5-288.8	x		wild horse	light wild horse use
5/12/11	288.8-291	x		woodrat	moderate wood rat use
5/12/11	288.8-293	x		wild horse	light wild horse and cottontail use throughout
5/11/11	292		x	BUOW	burrowing owl burrow and sighting
5/12/11	292-293	x		woodrat, deer	moderate wood rat and deer use
5/11/11	294.2	x		wood rat	nest
5/11/11	294.5	x		coyote	scat
5/11/11	294.6	x		coyote	scat
5/11/11	294.8	x		wood rat	nest
5/11/11	294.9	x		wood rat	nest
5/11/11	295.1	x		wood rat	nest
5/11/11	295.4	x		wood rat	nest
5/11/11	295.8	x		coyote, pocket mouse	coyote tracks, mouse burrows
5/11/11	295.9	x		coyote	tracks
5/11/11	296.3	x		ground squirrel	burrows only
5/11/11	293-297.8	x		wild horse	light wild horse use
5/13/11	295.3-296.4		x	ground squirrel, deer	burrows and scat seen, deer scat

Appendix F
Wildlife Field Note Summary

Date	Mile Post	Corridor	Access Road	Species	Comments
5/11/11	241-0.8 (Owyhee River Alt)	x		ground squirrel	light ground squirrel activity
6/4/11	1.5 (Owyhee River Alt)		x	BUOW	burrowing owl nest
5/11/11	1.5-2 (Owyhee River Alt)	x		ground squirrel	light ground squirrel activity
5/11/11	2 (Owyhee River Alt)	x		ground squirrel	moderate ground squirrel use
5/10/11	2.5-4.5 (Owyhee River Alt)	x		ground squirrel	moderate to heavy ground squirrel activity, dense colony at MP 4.2
5/11/11	3.5 (Owyhee River Alt)	x		ground squirrel	heavy ground squirrel use
5/11/11	4.3 (Owyhee River Alt)	x		ground squirrel	moderate to heavy ground squirrel activity, dense colony
5/10/11	4.8 (Owyhee River Alt)	x		ground squirrel	light to moderate ground squirrel activity
5/10/11	5.5 (Owyhee River Alt)	x		ground squirrel	light ground squirrel activity
5/10/11	7 (Owyhee River Alt)	x		ground squirrel	light to moderate ground squirrel activity

APPENDIX G
ECOLOGICAL SYSTEMS MAPBOOK



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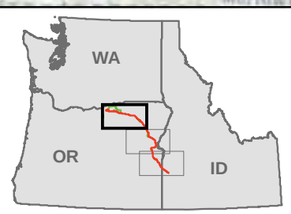

Map Features

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Project Features

- Proposed Substation
- Proposed Route
- Alternative Route

Land Ownership

- Bankhead Jones
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- Bureau of Reclamation
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- Forest Service
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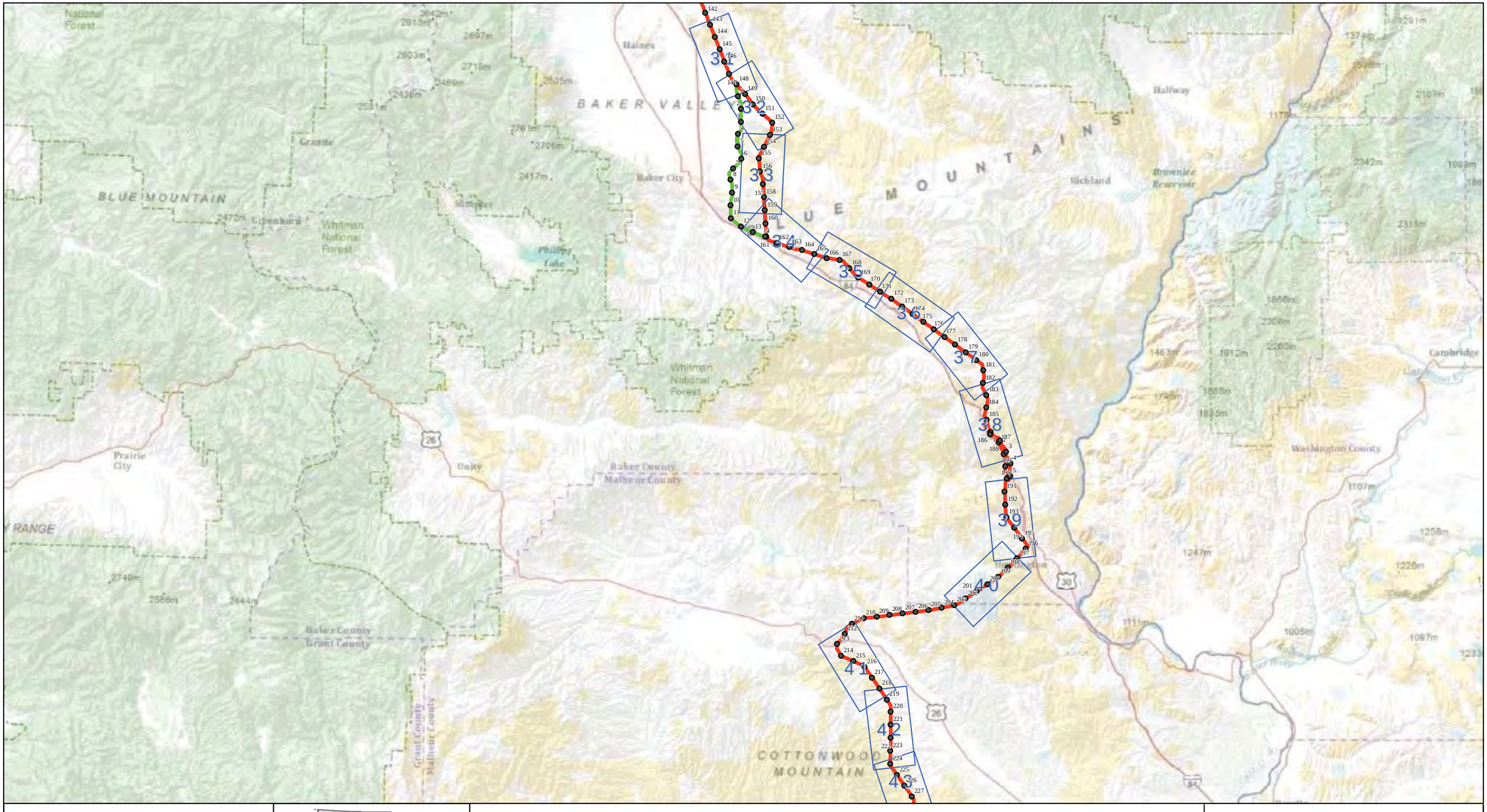
- National Park Service
- State Land
- State Park, Wildlife Area
- Water
- PRIVATE

IDAHO POWER PROPOSED ROUTE AND ALTERNATIVE ROUTES

IDAHO POWER COMPANY
BOARDMAN TO HEMINGWAY TRANSMISSION LINE PROJECT

MAP TILE OVERVIEW



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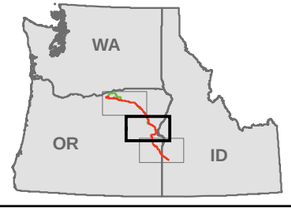

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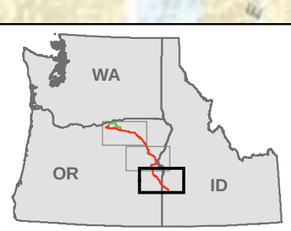

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IDAHO POWER COMPANY

BOARDMAN TO HEMINGWAY TRANSMISSION LINE PROJECT

MAP TILE OVERVIEW

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Feet

IDAHO POWER
An IDACORP Company

Ecosystems

- Columbia Basin Foothill Riparian Woodland and Shrubland
- Columbia Plateau Ash And Tuff Badland
- Columbia Plateau Low Sagebrush Steppe
- Columbia Plateau Scabland Shrubland
- Columbia Plateau Steppe and Grassland
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Appendix G:
Ecological Systems

IDAHO POWER COMPANY
BOARDMAN TO HEMINGWAY
TRANSMISSION LINE PROJECT

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Feet

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BOARDMAN TO HEMINGWAY
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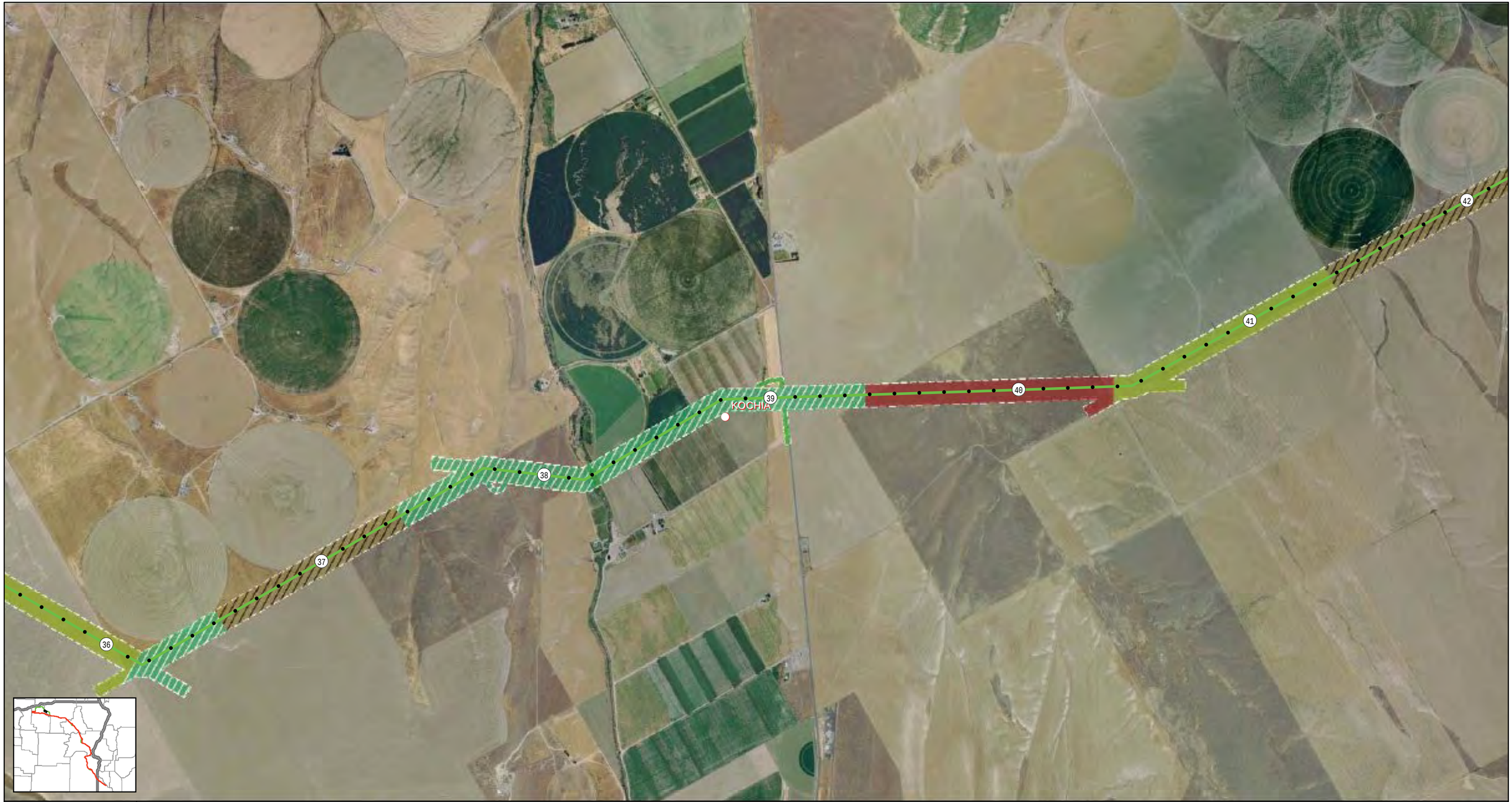

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IDAHO POWER COMPANY
BOARDMAN TO HEMINGWAY
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IDAHO POWER

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- Developed

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Appendix G: Ecological Systems

IDAHO POWER COMPANY
BOARDMAN TO HEMINGWAY
TRANSMISSION LINE PROJECT

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IDAHO POWER

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An IDACORP Company

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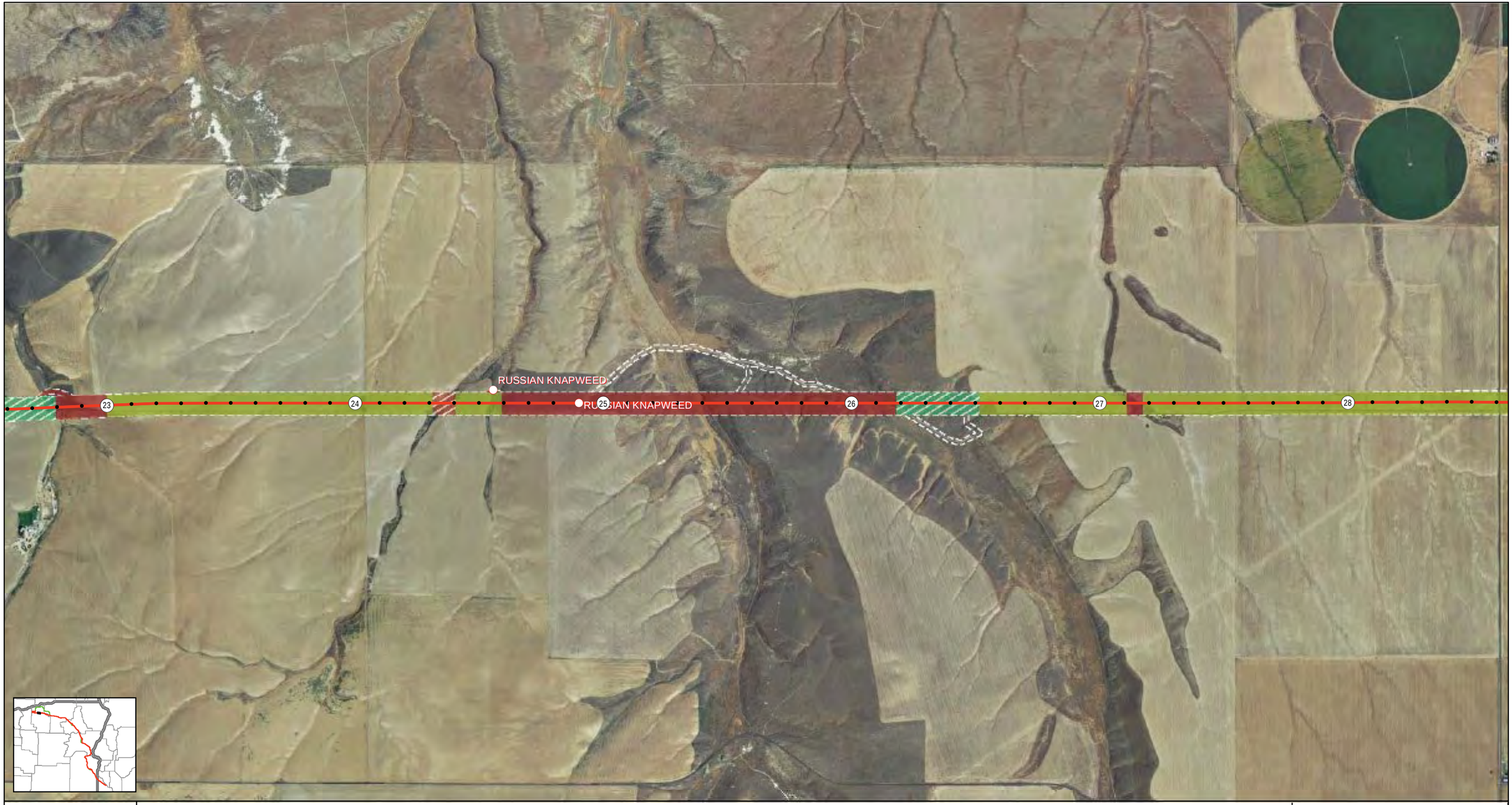

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MEDUSAHEAD, SCOTCH THISTLE

MEDUSAHEAD, SCOTCH THISTLE

ST. JOHNSWORT

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57

CANADA THISTLE

CANADA THISTLE

CANADA THISTLE

58

Laurence's milk-vetch

MEDUSAHEAD

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SCOTCH THISTLE

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Laurence's milk-vetch

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IDAHO POWER

An IDACORP Company

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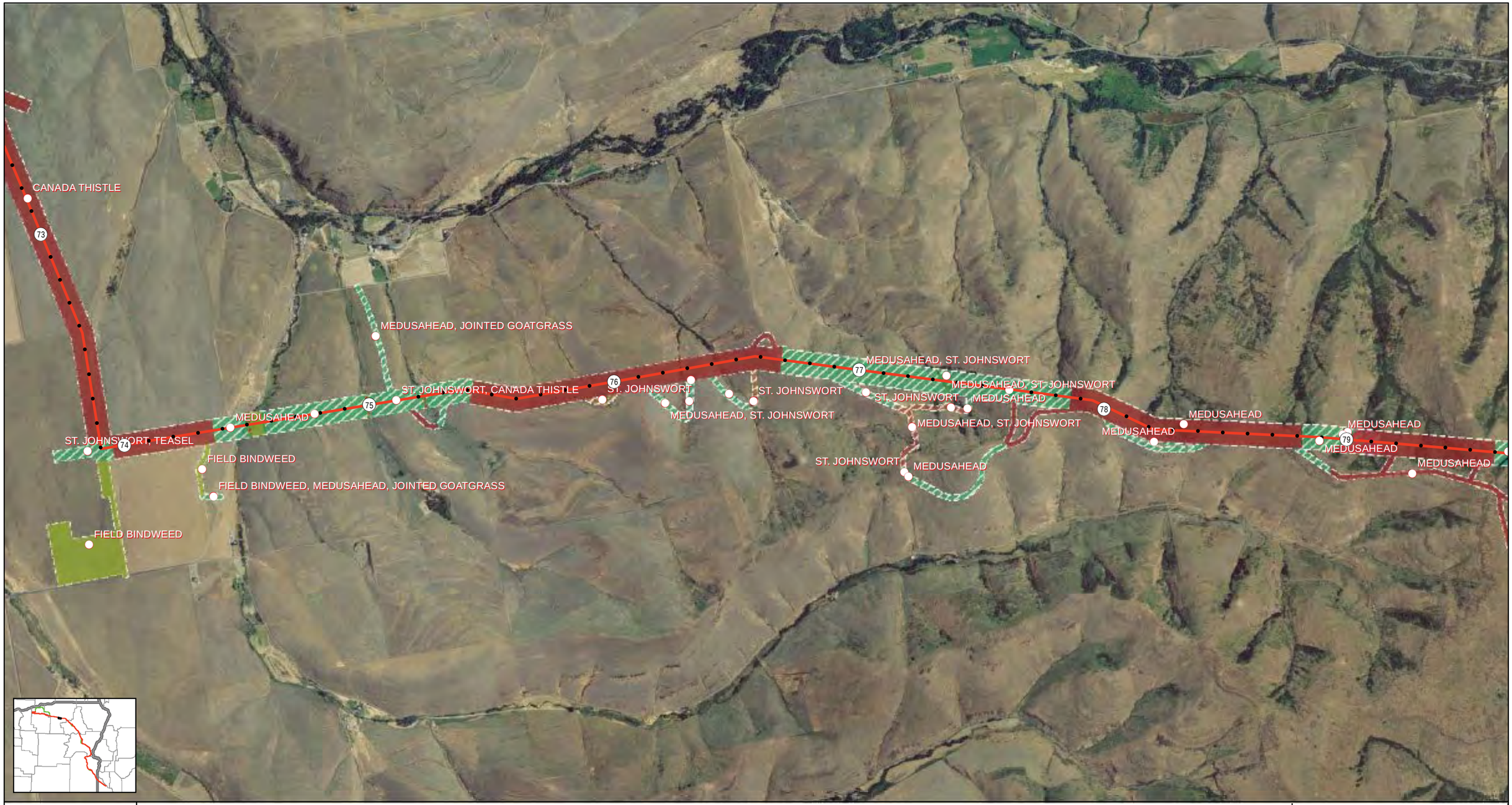

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- Pasture/Hay
- Developed

Route Features

- Proposed Route
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IDAHO POWER COMPANY
BOARDMAN TO HEMINGWAY
TRANSMISSION LINE PROJECT

Last Saved:1/17/2012

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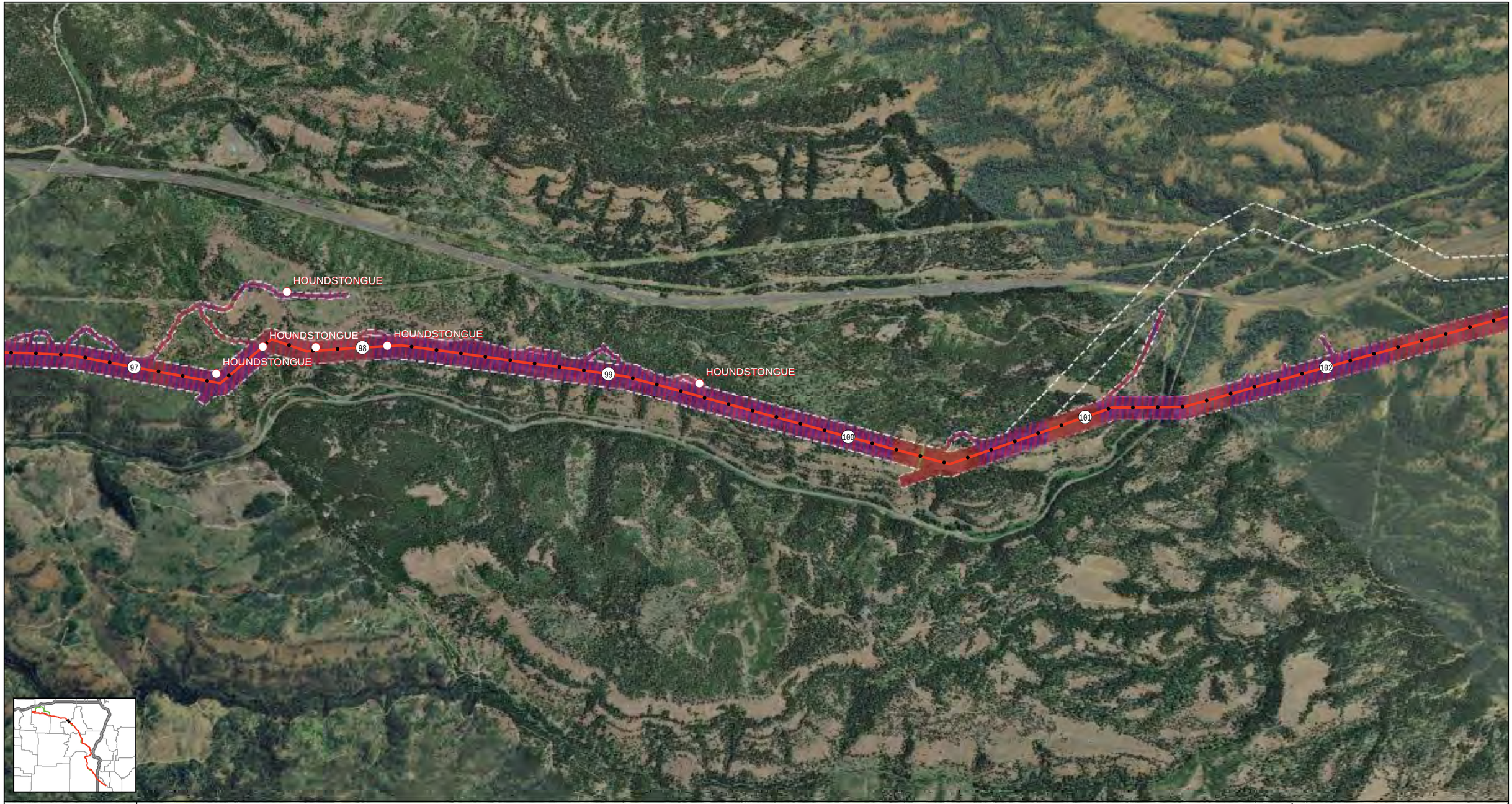

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Feet

Ecosystems

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- Columbia Plateau Low Sagebrush Steppe
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Hot-rock penstemon

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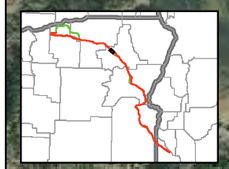

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IDAHO POWER

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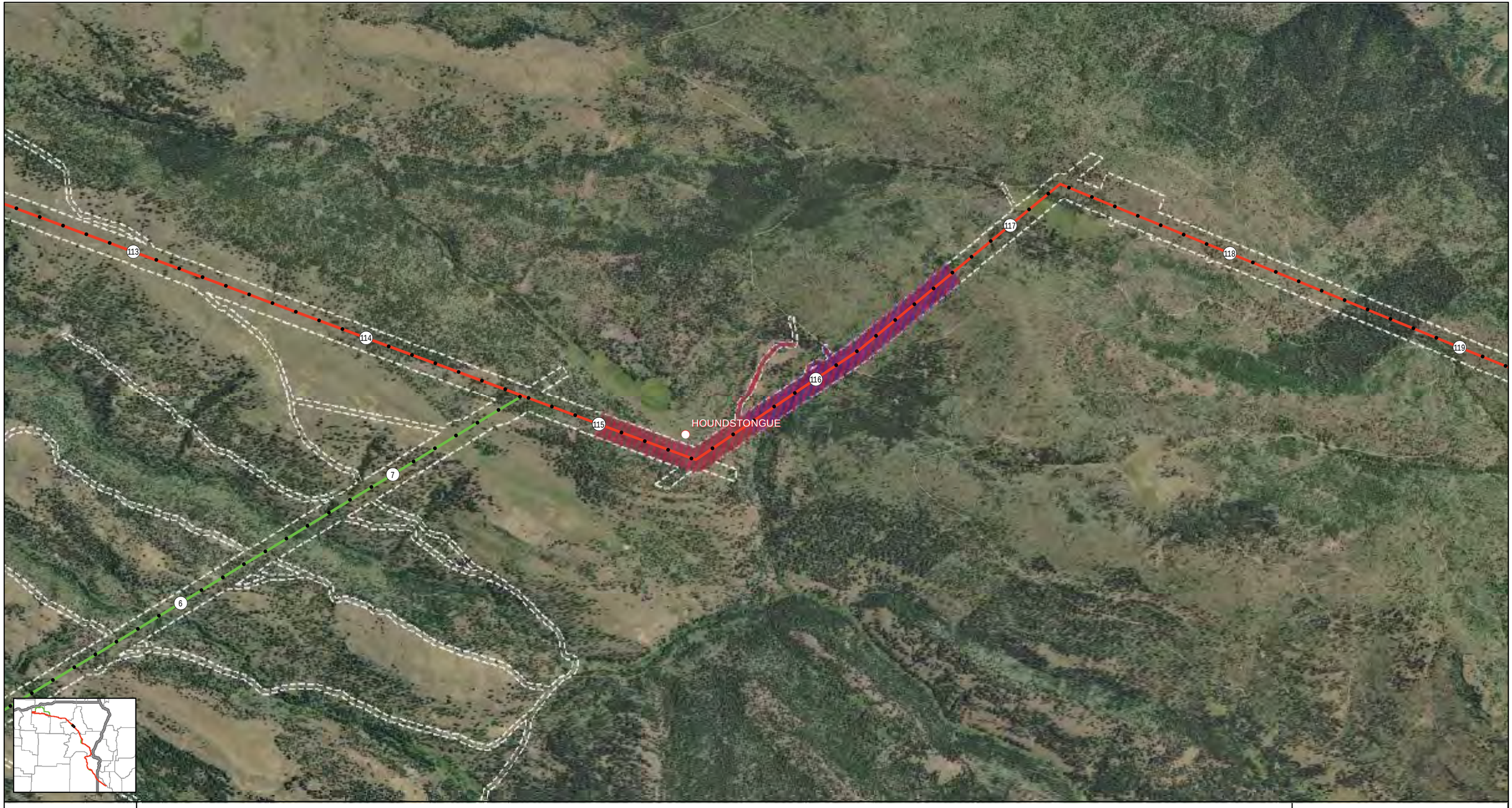

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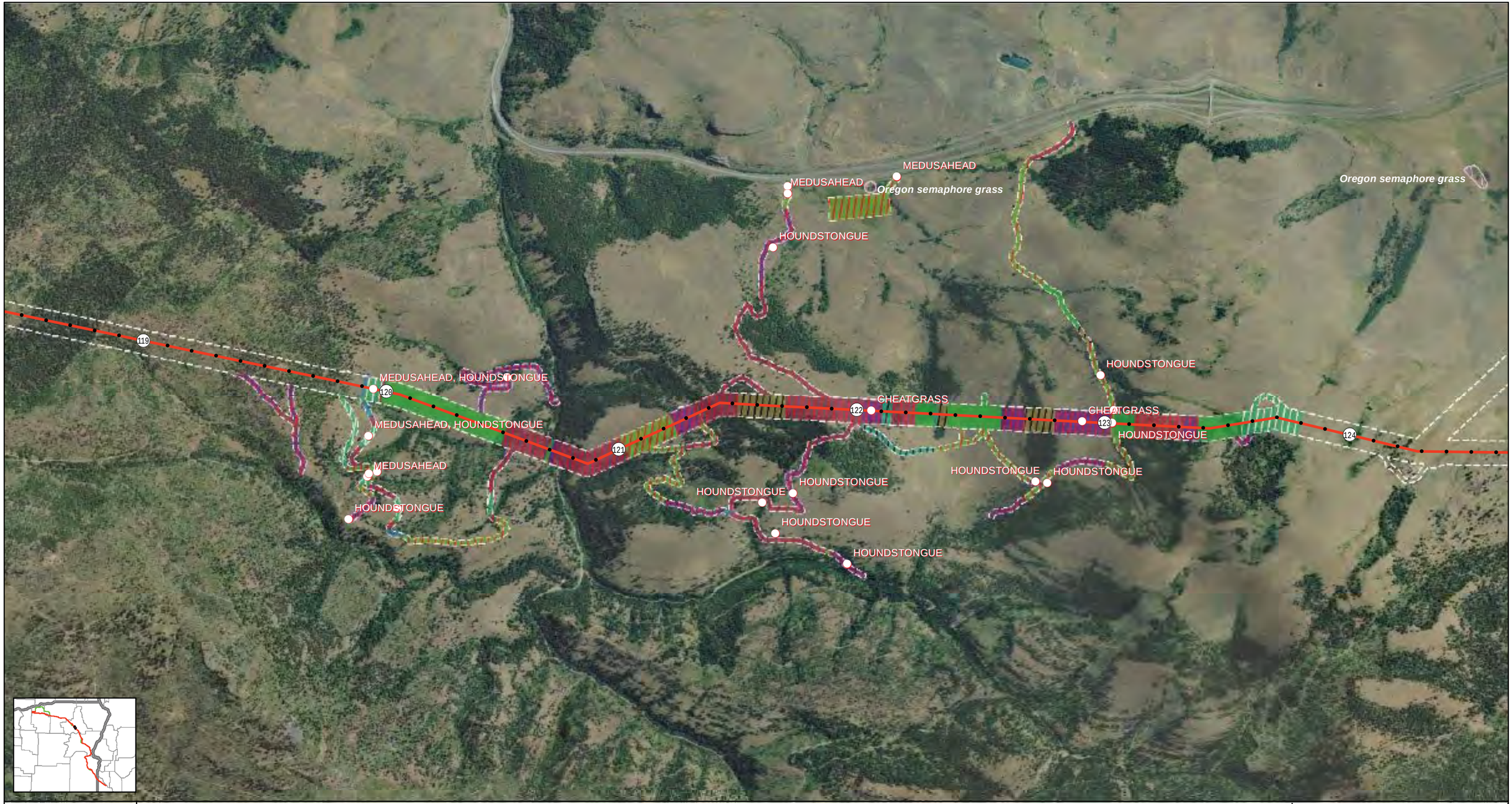

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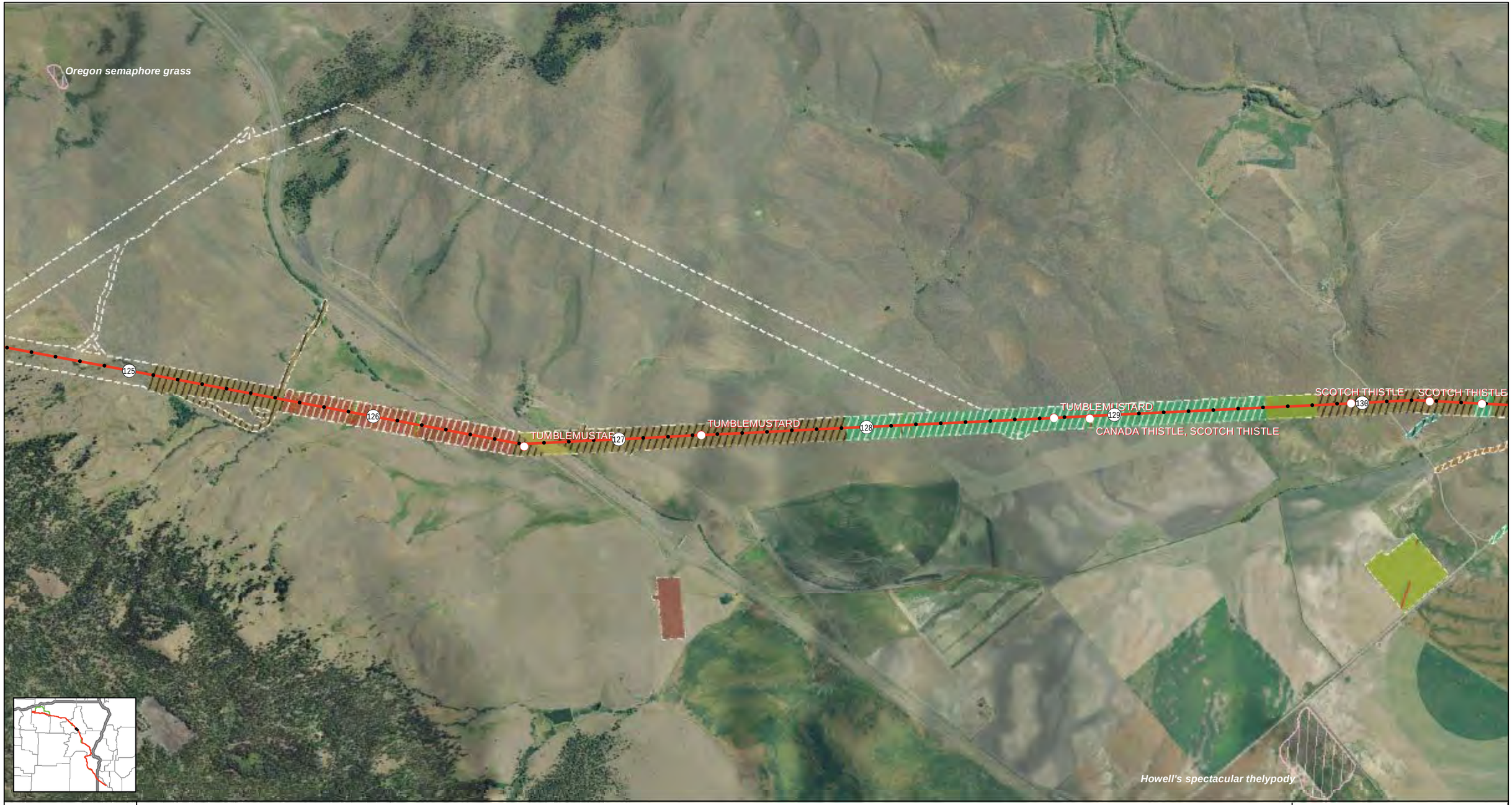

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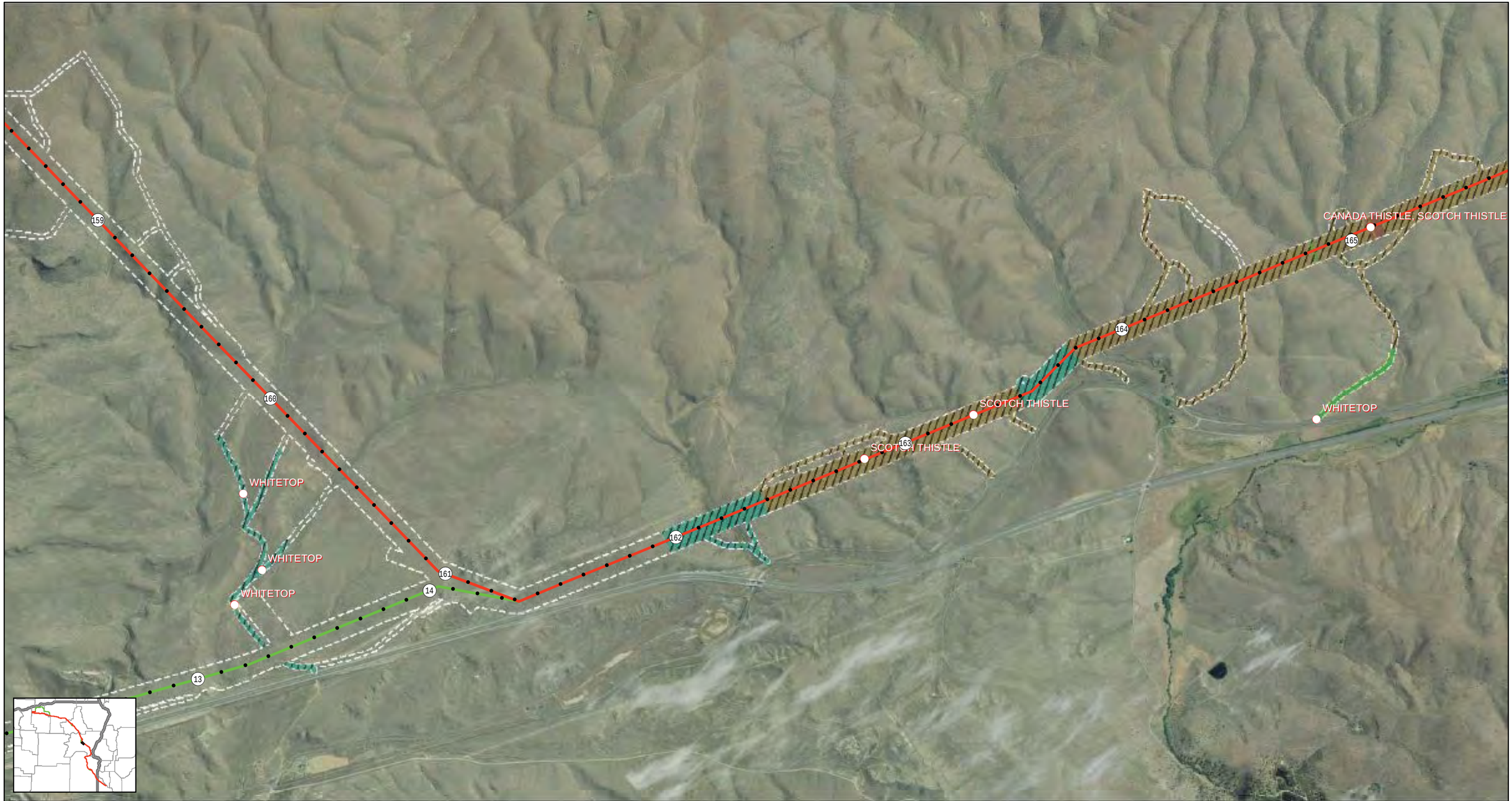

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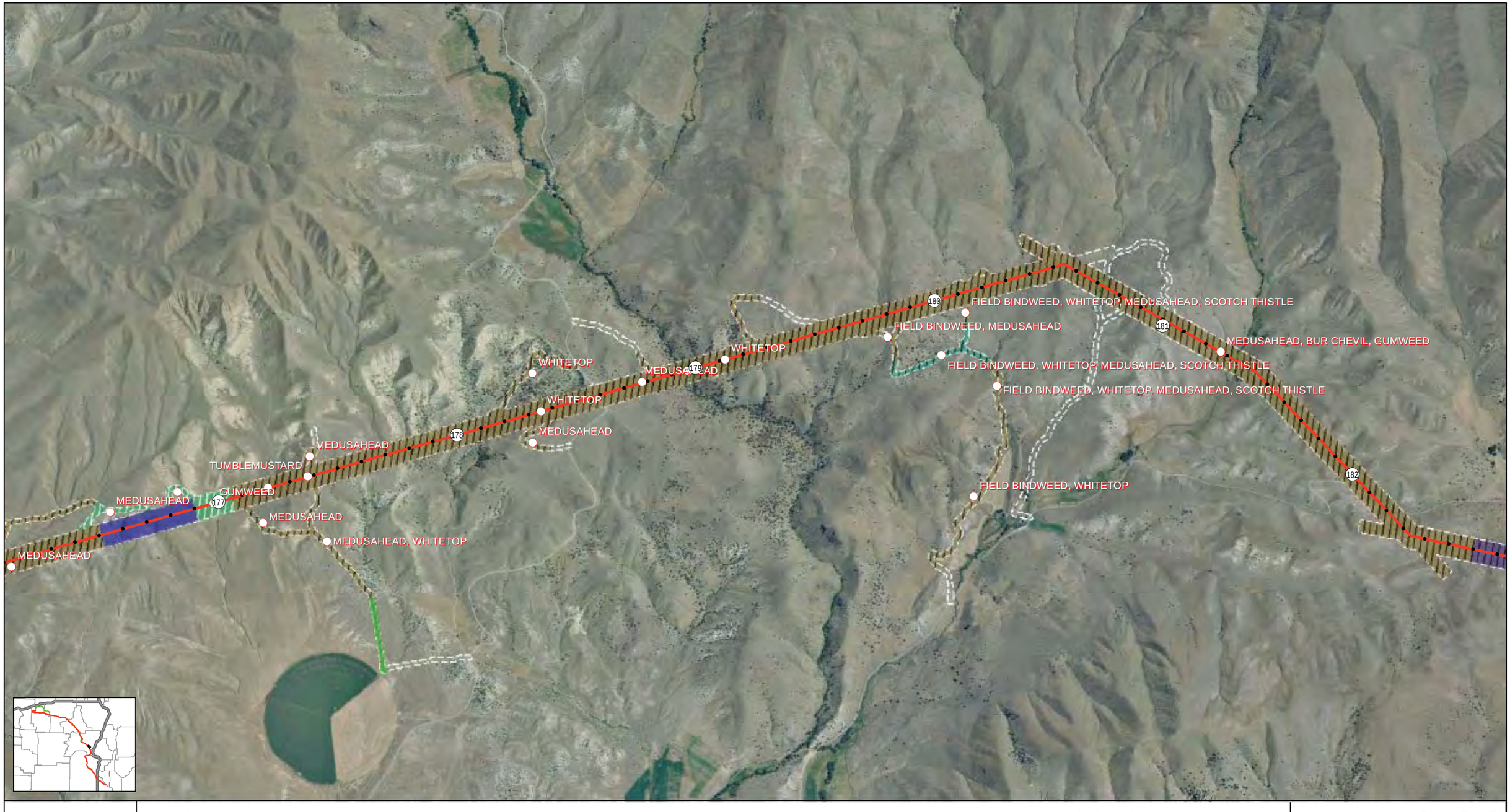

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IDAHO POWER

Ecosystems

- Columbia Basin Foothill Riparian Woodland and Shrubland
- Columbia Plateau Ash And Tuff Badland
- Columbia Plateau Low Sagebrush Steppe
- Columbia Plateau Scabland Shrubland
- Columbia Plateau Steppe and Grassland
- Cultivated Crops and Irrigated Agriculture
- Inter-Mountain Basins Big Sagebrush Shrubland
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- Pasture/Hay
- Developed

Route Features

- Proposed Route
- Alternative Route
- (5) Route Milepost
- Disturbance Outline

Survey Features

- Noxious Weeds
- Oregon Biodiversity Information Center Elemental Occurrence

Appendix G: Ecological Systems

IDAHO POWER COMPANY
BOARDMAN TO HEMINGWAY
TRANSMISSION LINE PROJECT

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Survey Features

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Appendix G: Ecological Systems

IDAHO POWER COMPANY
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BUR CHEVIL
BUR CHEVIL
BUR CHEVIL
MEDUSAHEAD, WHITETOP
MEDUSAHEAD, WHITETOP
MEDUSAHEAD, WHITETOP
MEDUSAHEAD, WHITETOP
MEDUSAHEAD
MEDUSAHEAD, WHITETOP
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MEDUSAHEAD, WHITETOP
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FIELD BINDWEED, WHITETOP, SCOTCH THISTLE, TEASLE
WHITETOP
WHITETOP

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IDAHO POWER
An IDACORP Company

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WHITETOP

WHITETOP

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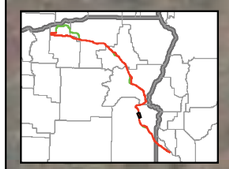

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IDAHO POWER

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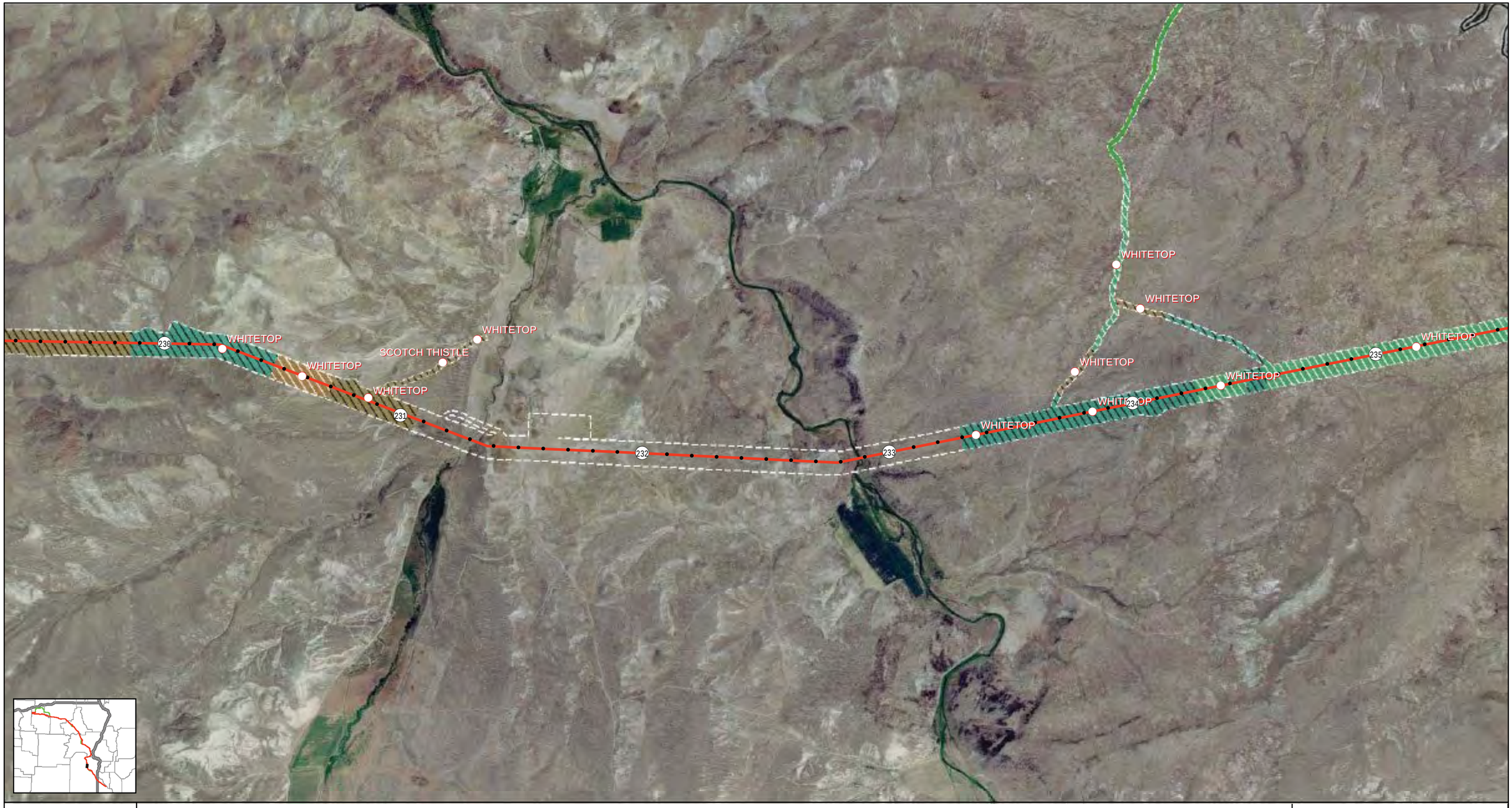

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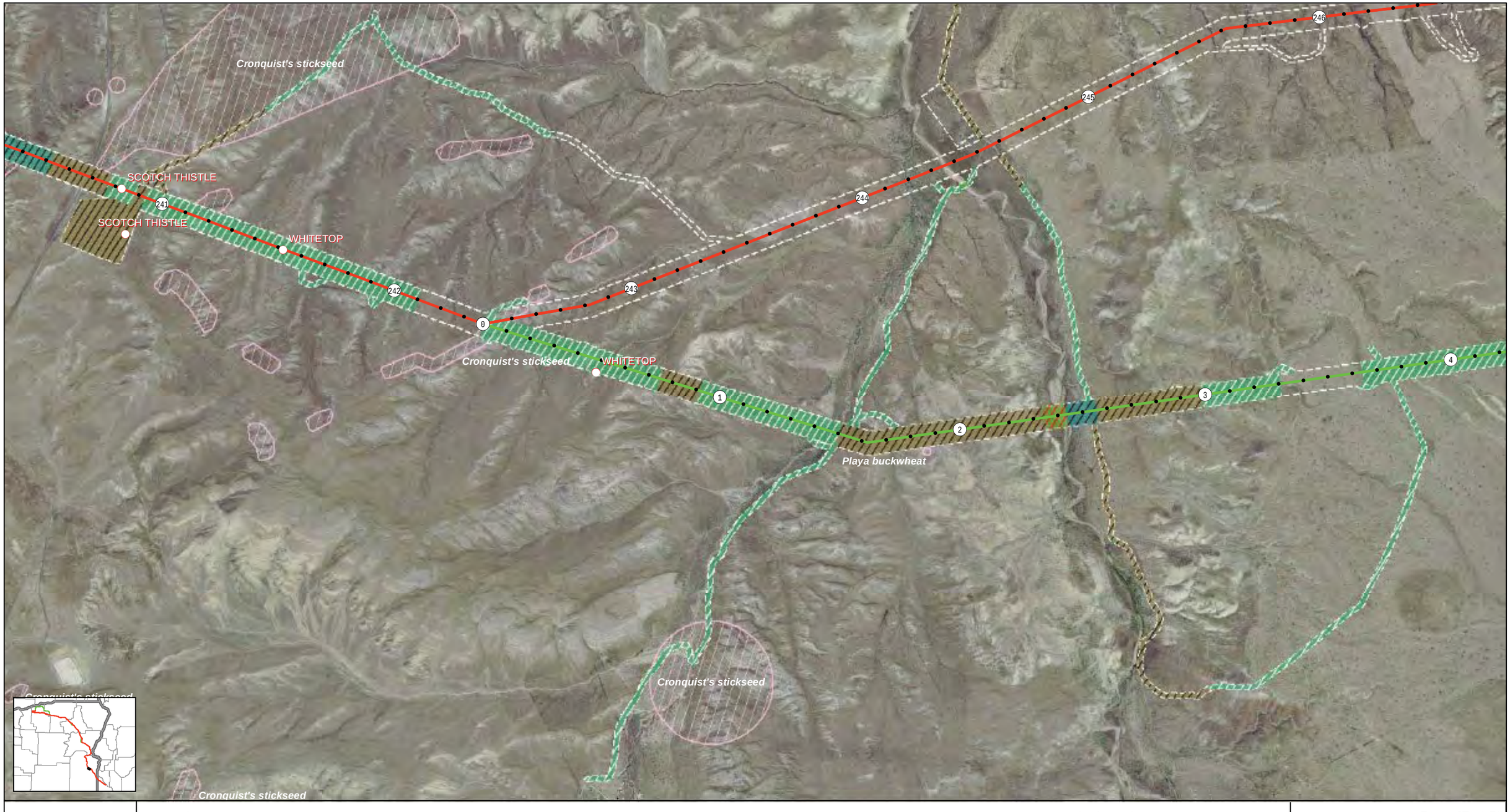

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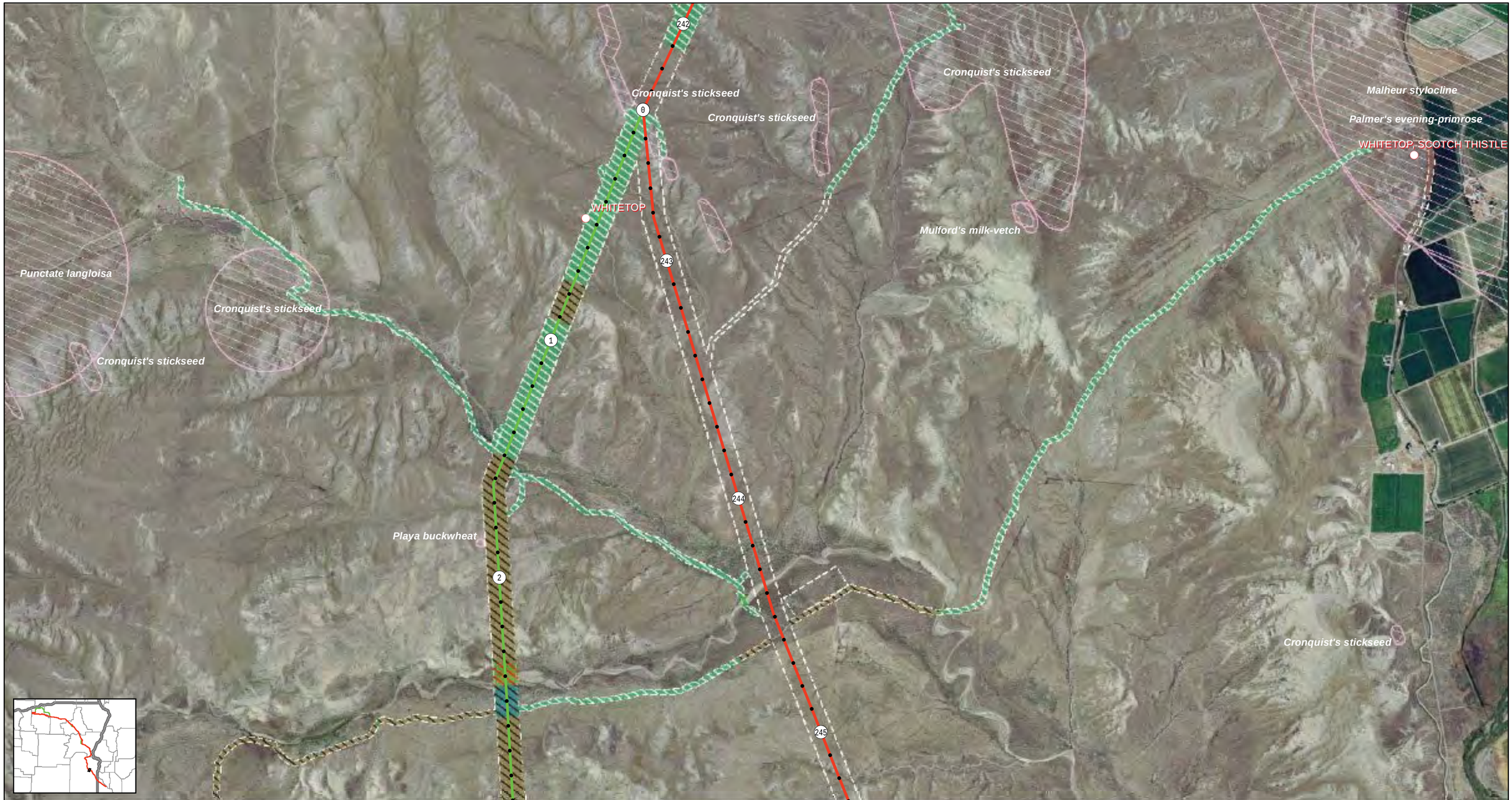

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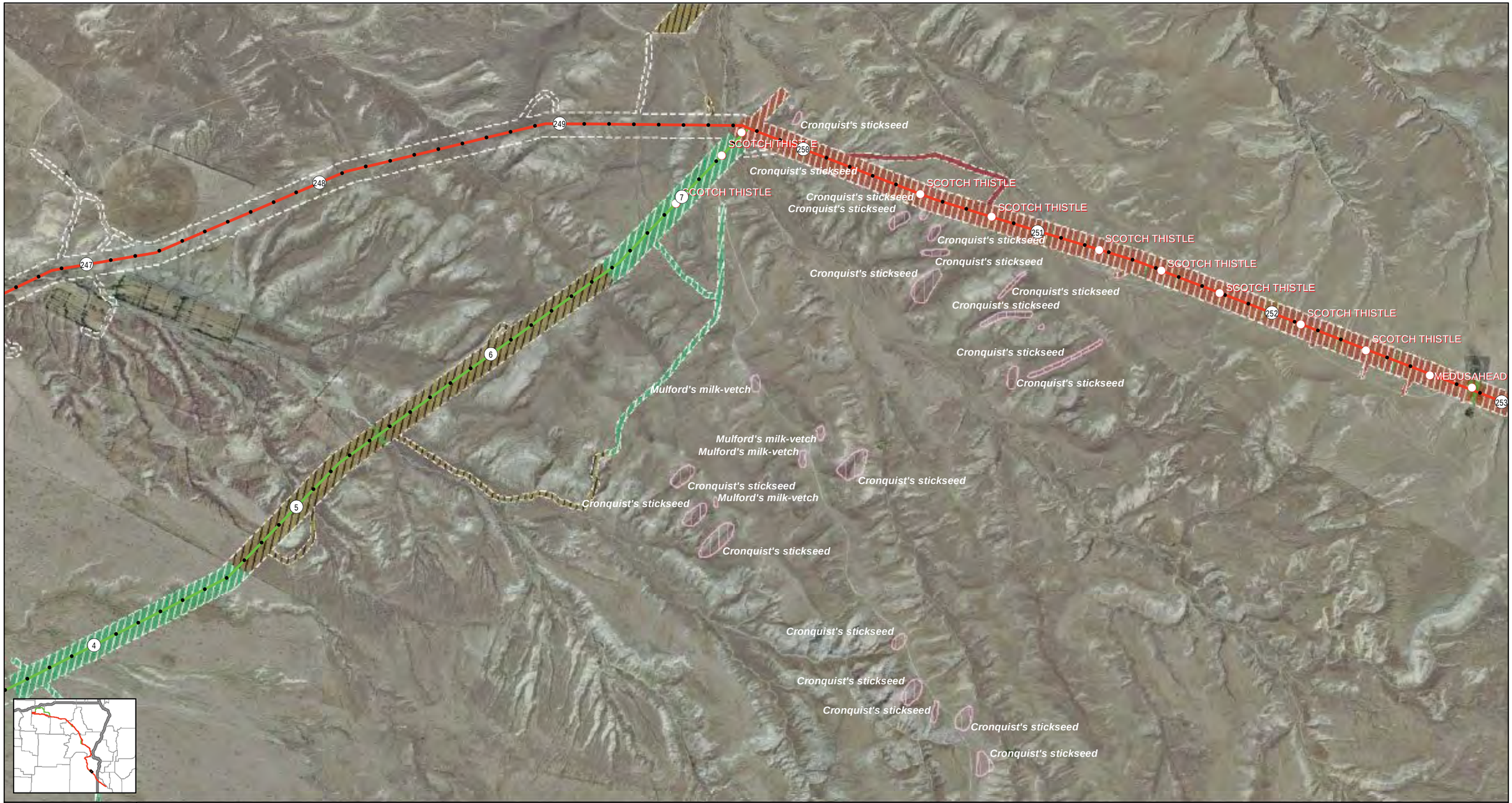

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SCOTCH THISTLE
MEDUSAHEAD
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SCOTCH THISTLE
SCOTCH THISTLE
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TAMARISK
257
Bigelow's four-o'clock
Bigelow's four-o'clock

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IDAHO POWER
An IDACORP Company

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- Proposed Route
- Alternative Route
- (5) Route Milepost
- Disturbance Outline

Survey Features

- Noxious Weeds
- Oregon Biodiversity Information Center Elemental Occurrence

Appendix G: Ecological Systems

IDAHO POWER COMPANY
BOARDMAN TO HEMINGWAY
TRANSMISSION LINE PROJECT

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Feet

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Ecosystems

- Columbia Basin Foothill Riparian Woodland and Shrubland
- Columbia Plateau Ash And Tuff Badland
- Columbia Plateau Low Sagebrush Steppe
- Columbia Plateau Scabland Shrubland
- Columbia Plateau Steppe and Grassland
- Cultivated Crops and Irrigated Agriculture
- Inter-Mountain Basins Big Sagebrush Shrubland
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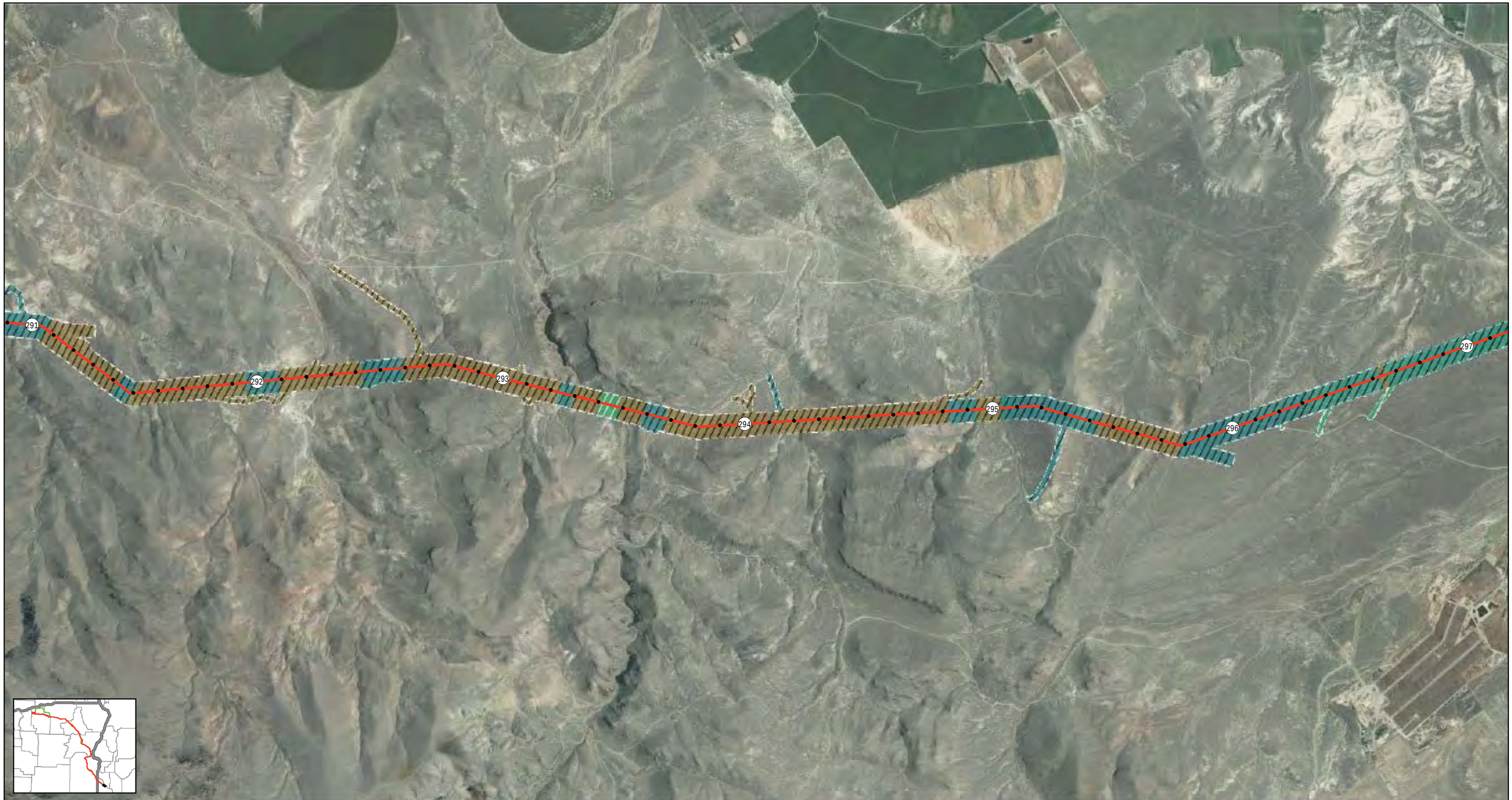

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IDAHO POWER

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APPENDIX H
ECOSYSTEM TYPE DESCRIPTIONS

AGRICULTURE / DEVELOPED LAND COVER TYPES:

In the Agriculture and Developed land cover types there are 2 land cover classes that are present in the project area, they are the Pasture/Hay and Cultivated Crops and Irrigated Agriculture classes.

• Pasture/Hay
Pasture or hay lands are fields dedicated to the use of feeding domestic livestock or used for the production of hay for the winter feed of domestic livestock. This classification is a type of cultivated cropland that may or may not be used in rotation with row crops or close-grown crops. Pasture or hay lands may be irrigated or left dependent on the natural precipitation regime of the area.

• Cultivated Crops and Irrigated Agriculture
Cultivated cropland comprises land in row crops or close-grown crops and also other cultivated cropland. Land that has been devoted to hay fields or pastureland that is in a rotation with row or close-grown crops is considered cultivated cropland. Irrigated agricultural fields are those that undergo the artificial application of water to the land or soil. It is used to assist in the growing of agricultural crops, maintenance of landscapes, and revegetation of disturbed soils in dry areas and during periods of inadequate rainfall.

BARE GROUND ECOSYSTEM:

The Inter-Mountain Basin Cliff and Canyon was the only Bare Ground Ecosystem type encountered in the project area.

• Inter-Mountain Basin Cliff and Canyon
This ecological system is found from foothill to subalpine elevations and includes barren and sparsely vegetated landscapes (generally <10% plant cover) of steep cliff faces, narrow canyons, and smaller rock outcrops of various igneous, sedimentary, and metamorphic bedrock types. Also included is vegetation of unstable scree and talus slopes that typically occurs below cliff faces.

FOREST / WOODLAND ECOSYSTEMS:

The Northern Rocky Mountain Dry-Mesic Montane Mixed Conifer Forest, Northern Rocky Mountain Ponderosa Pine Woodland and Savanna, and Inter-Mountain Basins Juniper Savanna ecosystem types are found within the Forest or Woodland Ecosystems and were encountered in the project area.

• Northern Rocky Mountain Dry-Mesic Montane Mixed Conifer Forest
This ecological system is composed of highly variable montane coniferous forests found in the interior Pacific Northwest, from southernmost interior British Columbia, eastern Washington, eastern Oregon, northern Idaho, western and north-central Montana, and south along the east slope of the Cascades in Washington and Oregon. This system is associated with a submesic climate regime with annual precipitation ranging from 50 to 100 cm, with a maximum in winter or late spring. Winter snowpacks typically melt off in early spring at lower elevations. Elevations range from 460 to 1920 m. Most occurrences of this system are dominated by a mix of *Pseudotsuga menziesii* and *Pinus ponderosa* and other typically seral species, including *Pinus contorta*, *Pinus monticola*, and *Larix occidentalis*. *Picea engelmannii* (or *Picea glauca* or their hybrid) becomes increasingly common towards the eastern edge of the range. The nature of this forest system is a matrix of large patches dominated or codominated by one or

combinations of the above species. Understories are dominated by graminoids that may be associated with a variety of shrubs on mesic sites.

- **Northern Rocky Mountain Ponderosa Pine Woodland and Savanna**
  These woodlands and savannas occur at the lower treeline/ecotone between grasslands or shrublands and more mesic coniferous forests typically in warm, dry, exposed sites. Elevations range from less than 500 m to 1600 m with occurrences found on all slopes and aspects; however, moderately steep to very steep slopes or ridgetops are most common. This ecological system generally occurs on glacial till, glacio-fluvial sand and gravel, dune, basaltic rubble, colluvium, to deep loess or volcanic ash-derived soils, with characteristic features of good aeration and drainage, coarse textures, circumneutral to slightly acidic pH, an abundance of mineral material, rockiness, and periods of drought during the growing season. *Pinus ponderosa* (primarily var. *ponderosa*) is the predominant conifer. Understory vegetation in the true savanna occurrences is predominantly fire-resistant grasses and forbs that resprout following surface fires; shrubs, understory trees and downed logs are uncommon. Mixed fire regimes and ground fires of variable return intervals maintain these woodlands typically with a shrub-dominated or patchy shrub layer, depending on climate, degree of soil development, and understory density. Historically, many of these woodlands and savannas lacked the shrub component as a result of 3- to 7-year fire-return intervals.

- **Inter-Mountain Basins Juniper Savanna**
  This widespread ecological system occupies dry foothills and sandsheets of western Colorado, northwestern New Mexico, northern Arizona, Utah, and west into the Great Basin of Nevada and southern Idaho. It is typically found at lower elevations ranging from 1500-2300 m. These occurrences are found on lower mountain slopes, hills, plateaus, basins and flats often where juniper is expanding into semi-desert grasslands and steppe. The vegetation is typically open savanna, although there may be inclusions of more dense juniper woodlands. This savanna is typically dominated by *Juniperus osteosperma* trees with high cover of perennial bunch grasses and forbs. Pinyon trees are typically not present because sites are outside the ecological or geographic range of *Pinus edulis* and *Pinus monophylla*.

SHRUB / GRASS ECOSYSTEMS:

Based on the number of ecological types encountered in the project area the Shrub / Grass Ecosystem occupies the largest amount of area related to the project.

There is another category type reserved for the Introduced Upland Vegetation – Forbland and Introduced Upland Vegetation – Annual Grassland, despite it having the same category number, it only applies to these two specific ecological types, and is defined as: Category 5 – Low-quality habitat.

- **Inter-Mountain Basins Mixed Salt Desert Scrub**
  This extensive ecological system includes open-canopied shrublands of typically saline basins, alluvial slopes and plains across the Intermountain western U.S. Substrates are often saline and calcareous, medium- to fine-textured, alkaline soils but include some coarser-textured soils. The vegetation is characterized by a typically open to moderately dense shrubland. The herbaceous layer varies from sparse to moderately dense and is dominated by perennial graminoids. Various forbs are also present.

- **Inter-Mountain Basins Mat Saltbush Shrubland**
  This ecological system occurs on gentle slopes and rolling plains in the northern Colorado Plateau and Uinta Basin on Mancos shale and arid, windswept basins and plains across parts of Wyoming. It is also found in eastern Wyoming in Great Plains areas, and may extend north into Montana and Canada. Substrates are shallow, typically saline, alkaline, fine-textured soils developed from shale or alluvium and may be associated with shale badlands. Infiltration rate is typically low. These landscapes typically support dwarf-shrublands composed of relatively pure stands of Atriplex spp. The herbaceous layer is typically sparse. Scattered perennial forbs may occur along with perennial grasses may dominate the herbaceous layer. In less saline areas, there may be inclusions of grasslands dominated by Hesperostipa comata, Leymus salinus, Pascopyrum smithii, or Pseudoroegneria spicata. Annuals are seasonally present and may include Eriogonum inflatum, Plantago tweedyi, Monolepis nuttalliana, and the introduced annual grass Bromus tectorum.

- **Inter-Mountain Basins Greasewood Flat**
  This ecological system occurs throughout much of the western U.S. in Intermountain basins and extends onto the western Great Plains and into central Montana. It typically occurs near drainages on stream terraces and flats or may form rings around more sparsely vegetated playas. Sites typically have saline soils, a shallow water table and flood intermittently, but remain dry for most growing seasons. The water table remains high enough to maintain vegetation, despite salt accumulations. This system usually occurs as a mosaic of multiple communities, with open to moderately dense shrublands dominated or codominated by Sarcobatus vermiculatus. Occurrences are often surrounded by mixed salt desert scrub or big sagebrush shrublands. The herbaceous layer, if present, is usually dominated by graminoids.

- **Columbia Plateau Steppe and Grassland**
  These grasslands are similar floristically to Inter-Mountain Basins Big Sagebrush Steppe but are defined by a more frequent fire regime and the absence or low cover of shrubs over large areas, occasionally entire landforms. These are extensive grasslands, not grass-dominated patches within the sagebrush shrub-steppe ecological system. This grassland is dominated by perennial bunch grasses and forbs (>25% cover), sometimes with a sparse (<10% cover) shrub layer.

- **Inter-Mountain Basins Big Sagebrush Shrubland**
  This ecological system occurs throughout much of the western U.S., typically in broad basins between mountain ranges, plains and foothills between 1500 and 2300 m elevation. These shrublands are dominated by Artemisia tridentata ssp. tridentata and/or Artemisia tridentata ssp. wyomingensis. Scattered Juniperus spp., Sarcobatus vermiculatus, and Atriplex spp. may be present in some stands. Perennial herbaceous components typically contribute less than 25% vegetative cover. Some semi-natural communities are included that often originate on abandoned agricultural land or on other disturbed sites. In these locations, Bromus tectorum or other annual bromes and invasive weeds can be abundant.

- **Inter-Mountain Basins Big Sagebrush Steppe**
  This widespread matrix-forming ecological system occurs throughout much of the Columbia Plateau and northern Great Basin. This shrub-steppe is dominated by perennial grasses and forbs (>25% cover) with Artemisia tridentata ssp. tridentata, Artemisia tridentata ssp. xericensis, Artemisia tridentata ssp. wyomingensis, Artemisia tripartita ssp. tripartita, Artemisia cana ssp. cana, and/or Purshia tridentata dominating or codominating the open to moderately dense (10-40% cover) shrub layer. The

natural fire regime of this ecological system likely maintains a patchy distribution of shrubs, so the general aspect of the vegetation is a grassland. Shrubs may increase following heavy grazing and/or with fire suppression, particularly in moist portions of the northern Columbia Plateau where it forms a landscape mosaic pattern with shallow-soil scabland shrublands.

- **Inter-Mountain Basins Semi-Desert Shrub Steppe**
  This ecological system occurs throughout the intermountain western U.S., typically at lower elevations on alluvial fans and flats with moderate to deep soils. This semi-arid shrub-steppe is typically dominated by graminoids (>25% cover) with an open shrub to moderately dense woody layer with a typically strong graminoid layer. The most widespread (but not dominant) species is Pseudoroegneria spicata, which occurs from the Columbia Basin to the northern Rockies. The woody layer is often a mixture of shrubs and dwarf-shrubs, although it may be dominated by a single species. Annual grasses, especially the exotics Bromus japonicus and Bromus tectorum, may be present to abundant. Forbs are generally of low importance and are highly variable across the range but may be diverse in some occurrences. The general aspect of occurrences may be either open shrubland with patchy grasses or patchy open herbaceous layers. Disturbance may be important in maintaining the woody component. Microphytic crust is very important in some stands.

- **Columbia Plateau Ash and Tuff Badland**
  This ecological system of the Columbia Plateau region is composed of barren and sparsely vegetated substrates typically derived from highly eroded volcanic ash and tuff. Landforms are typically rounded hills and plains that form a rolling topography. The harsh soil properties and high rate of erosion and deposition are the driving environmental variables supporting sparse dwarf-shrubs and forbs. Characteristic forbs are short-lived annuals although these habitats often support endemic perennial forbs.

- **Columbia Plateau Scabland Shrubland**
  These xeric shrublands occur under relatively extreme soil-moisture conditions. Substrates are typically shallow lithic soils with limited water-holding capacity over fractured basalt. Because of poor drainage through basalt, these soils are often saturated from fall to spring by winter precipitation but typically dry out completely to bedrock by midsummer. Total vegetation cover is typically low, generally less than 50% and often much less than that. Vegetation is characterized by an open dwarf-shrub canopy dominated by Artemisia rigida along with other shrub and dwarf-shrub species. Other shrubs are uncommon in this system; mixes of Artemisia rigida and other Artemisia species typically belong to different ecological systems than this. Low cover of perennial bunch grasses as well as scattered forbs characterize these sites. Individual sites can be dominated by grasses and semi-woody forbs. Annuals may be seasonally abundant, and cover of moss and lichen is often high in undisturbed areas (1-60% cover).

- **Northern Rocky Mountain Montane-Foothill Deciduous Shrubland**
  This shrubland ecological system is found in the lower montane and foothill regions around the Columbia Basin, and north and east into the northern Rockies. These shrublands typically occur below treeline, within the matrix of surrounding low-elevation grasslands and sagebrush shrublands. They also occur in the ponderosa pine and Douglas-fir zones, but rarely up into the subalpine zone. The shrublands are usually found on steep slopes of canyons and in areas with some soil development, either loess deposits or volcanic clays; they occur on all aspects. Fire, flooding and

erosion all impact these shrublands, but they typically will persist on sites for long periods. These communities develop near talus slopes as garlands, at the heads of dry drainages, and toeslopes in the moist shrub-steppe and steppe zones.

- **Columbia Plateau Low Sagebrush Steppe**
  This matrix ecological system is composed of sagebrush dwarf-shrub-steppe that occurs in a variety of shallow-soil habitats throughout eastern Oregon, northern Nevada and southern Idaho. Artemisia arbuscula ssp. arbuscula and close relatives (Artemisia arbuscula ssp. longiloba and occasionally Artemisia nova) form stands that typically occur on mountain ridges and flanks and broad terraces, ranging from 1000 to 3000 m in elevation. Substrates are shallow, fine-textured soils, poorly drained clays, shallow-soiled areas, almost always very stony, characterized by recent rhyolite or basalt. Many forbs also occur and may dominate the herbaceous vegetation, especially at the higher elevations. Isolated individuals of Juniperus occidentalis (western juniper) and Cercocarpus ledifolius (mountain-mahogany) can often be found in this system.

- **Introduced Upland Vegetation - Annual and Biennial Forbland**
  This ecological system is typified by land cover that is significantly altered/disturbed by introduced annual and biennial forbs. Natural vegetation types are no longer recognizable.

- **Introduced Upland Vegetation - Annual and Perennial Grassland**
  Land cover is significantly altered/disturbed by introduced annual and non-native perennial grasses. Natural vegetation types are no longer recognizable.

WETLAND ECOSYSTEMS:

Two Wetland Ecosystem types were encountered in the project area and identified as the North American Arid West Emergent Marsh and the Columbia Basin Foothill Riparian Woodland and Shrubland.

- **North American Arid West Emergent Marsh**
  This widespread ecological system occurs throughout much of the arid and semi-arid regions of western North America, typically surrounded by savanna, shrub-steppe, steppe, or desert vegetation. Natural marshes may occur in depressions in the landscape, as fringes around lakes, and along slow-flowing streams and rivers. Marshes are frequently or continually inundated, with water depths up to 2 m. Water levels may be stable, or may fluctuate 1 m or more over the course of the growing season. Water chemistry may include some alkaline or semi-alkaline situations, but the alkalinity is highly variable even within the same complex of wetlands. Marshes have distinctive soils that are typically mineral, but can also accumulate organic material. Soils have characteristics that result from long periods of anaerobic conditions in the soils. The vegetation is characterized by herbaceous plants that are adapted to saturated soil conditions. This system may also include areas of relatively deep water with floating-leaved plants and submerged and floating plants.

- **Columbia Basin Foothill Riparian Woodland and Shrubland**
  This is the riparian system associated with all streams at and below lower treeline, including permanent, intermittent and ephemeral streams with woody riparian vegetation. They are found in low-elevation canyons and draws, on floodplains, or in steep-sided canyons, or narrow V-shaped valleys with rocky substrates. Sites are subject to temporary flooding during spring runoff.

APPENDIX I
COVER WORKSHEETS

Cover Worksheet

State: _____ **Office:** _____ **Ecological Site:** Columbia Basin Foothill Ri

Observer(s): MM **Date:** 6/25/2011 **Site ID:** 6/25-18

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual	x							
Native Perennial		x						
Exotic Perennial	x							
II - Forb								
Annual				x				
Perennial								x
III - Shrub			x					
IV - Tree			x					
V - Succulent	x							
VI - Biological Crust	x							

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants							x	
II - Standing Dead Vegetation	x							
III - Litter (in contact w/ the soil surface)	x							
IV - Biological Crust	x							
V - Rock/Gravel			x					
VI - Bare Ground						x		

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☐ or weig ☐

Dominant Species on Site

1 Lomatium
2 Camassia
3 Sedum
4 Aster
5 Delphinium

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses

1
2
3

Annual Forbs

1
2 Camassia
3

Perennial Grasses

1 unknown needlegrass
2
3

Perennial Forbs

1 Lomatium, Delphinium
2 Camassia
3 Aster
4 unknown clover

Shrubs and Trees

1 Pinus ponderosa
2 Gaultheria
3

Succulents

1 Sedum
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1
2
3

Cover Worksheet

State: Oregon **Office:** **Ecological Site:** Columbia Basin Foothill Ri

Observer(s): Thad Jones **Date:** 4/5/2011 **Site ID:** 1.2

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual							x	
Native Perennial		x						
Exotic Perennial	x							
II - Forb								
Annual						x		
Perennial		x						
III - Shrub								
IV - Tree			x					
V - Succulent	x							
VI - Biological Crust	x							

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants								x
II - Standing Dead Vegetation			x					
III - Litter (in contact w/ the soil surface)			x					
IV - Biological Crust	x							
V - Rock/Gravel	x							
VI - Bare Ground		x						

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)
-ESTIMATES

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site
1 Salsola tragus
2 Bromus tectorum
3 Populus balsamifera
4 Elymus

Noxious Weeds
1
2
3

Invasive Natives
1 Erodium cicutarium
2
3

Invasive Exotics
1 Bromus tectorum
2 Salsola tragus
3 Elaeagnus angustifolia

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☑ or weight ☐ by life form.

Annual Grasses
1 Bromus tectorum
2
3

Annual Forbs
1 Salsola tragus
2
3

Perennial Grasses
1 Elymus
2
3

Perennial Forbs
1
2
3

Shrubs and Trees
1 Populus balsamifera
2 Elaeagnus angustifolia
3

Succulents
1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)
1
2
3

Cover Worksheet

State: OR **Office:** **Ecological Site:** Columbia Plateau Steppe a

Observer(s): Ansari **Date:** 7/20/2011 **Site ID:** 20110720-2

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual								x
Native Perennial			x					
Exotic Perennial		x						
II - Forb								
Annual						x		
Perennial			x					
III - Shrub	x							
IV - Tree			x					
V - Succulent	x							
VI - Biological Crust	x							

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants								x
II - Standing Dead Vegetation		x						
III - Litter (in contact w/ the soil surface)			x					
IV - Biological Crust	x							
V - Rock/Gravel	x							
VI - Bare Ground			x					

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☐ or weig ☐

Dominant Species on Site

1 annual grass species
2 Poa bulbosa
3 Achillea millefolium
4

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1 Bromus tectorum
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses

1
2
3

Annual Forbs

1
2
3

Perennial Grasses

1
2
3

Perennial Forbs

1
2
3

Shrubs and Trees

1
2
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1
2
3

Cover Worksheet

State: _____ **Office:** _____ **Ecological Site:** Columbia Plateau Steppe a

Observer(s): MM **Date:** 6/23/2011 **Site ID:** 6/23-1

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual			x					
Native Perennial				x				
Exotic Perennial								
II - Forb								
Annual			x					
Perennial			x					
III - Shrub	x							
IV - Tree	x							
V - Succulent		x						
VI - Biological Crust					x			

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants						x		
II - Standing Dead Vegetation		x						
III - Litter (in contact w/ the soil surface)		x						
IV - Biological Crust						x		
V - Rock/Gravel					x			
VI - Bare Ground				x				

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☐ or weig ☐

Dominant Species on Site
1 Poa bulbosa
2 lichen (foliose & crustose)
3 Bromus sterilis
4 Eriogonum

Noxious Weeds
1
2
3

Invasive Natives
1 Poa bulbosa
2 Bromus sterilis
3

Invasive Exotics
1
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses
1 Bromus sterilis
2
3

Annual Forbs
1
2
3

Perennial Grasses
1 Festuca idahoensis
2
3

Perennial Forbs
1 Eriogonum
2 Arenaria
3 Phlox hoodii

Shrubs and Trees
1
2
3

Succulents
1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)
1 lichen (foliose & crustose)
2 moss
3

Cover Worksheet

State: _____ **Office:** _____ **Ecological Site:** Columbia Plateau Steppe a

Observer(s): MM **Date:** 6/8/2011 **Site ID:** 6/8-1

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual					x			
Native Perennial							x	
Exotic Perennial								
II - Forb								
Annual		x						
Perennial	x							
III - Shrub	x							
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust			x					

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants								x
II - Standing Dead Vegetation								
III - Litter (in contact w/ the soil surface)					x			
IV - Biological Crust			x					
V - Rock/Gravel		x						
VI - Bare Ground				x				

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☐ or weig ☐

Dominant Species on Site

1 Festuca idahoensis
2 Bromus tectorum
3
4

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1 Bromus tectorum
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2
3

Annual Forbs

1
2
3

Perennial Grasses

1 Festuca idahoensis
2 Koeleria macrantha
3

Perennial Forbs

1
2
3

Shrubs and Trees

1
2
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1
2
3

Cover Worksheet

State: _____ **Office:** _____ **Ecological Site:** Columbia Plateau Steppe a

Observer(s): MM **Date:** 5/26/2011 **Site ID:** 26-1

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual				x				
Native Perennial					x			
Exotic Perennial			x					
II - Forb								
Annual		x						
Perennial		x						
III - Shrub					x			
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust		x						

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants							x	
II - Standing Dead Vegetation		x						
III - Litter (in contact w/ the soil surface)			x					
IV - Biological Crust	x							
V - Rock/Gravel		x						
VI - Bare Ground					x			

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☐ or weig ☐

Dominant Species on Site

1 Artemisia tridentata
2 Agropyron cristatum
3 Bromus tectorum
4 _____

Noxious Weeds

1 _____
2 _____
3 _____

Invasive Natives

1 _____
2 _____
3 _____

Invasive Exotics

1 Bromus tectorum
2 _____
3 _____

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2 _____
3 _____

Annual Forbs

1 Descurainia pinnata
2 _____
3 _____

Perennial Grasses

1 Agropyron cristatum
2 Poa secunda
3 _____

Perennial Forbs

1 Astragalus
2 _____
3 _____

Shrubs and Trees

1 Artemisia tridentata
2 _____
3 _____

Succulents

1 _____
2 _____
3 _____

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 _____
2 _____
3 _____

Cover Worksheet

State: _____ **Office:** _____ **Ecological Site:** Columbia Plateau Steppe a

Observer(s): MM **Date:** 6/22/2011 **Site ID:** 6/22/3

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual				x				
Native Perennial							x	
Exotic Perennial	x							
II - Forb								
Annual		x						
Perennial					x			
III - Shrub	x							
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust			x					

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants								x
II - Standing Dead Vegetation		x						
III - Litter (in contact w/ the soil surface)				x				
IV - Biological Crust			x					
V - Rock/Gravel			x					
VI - Bare Ground		x						

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Festuca idahoensis
2 Lupinus sulphureus
3 Bromus sterilis
4

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1 Bromus sterilis
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses

1 Bromus sterilis
2
3

Annual Forbs

1
2
3

Perennial Grasses

1 Festuca idahoensis
2 Poa secunda
3

Perennial Forbs

1 Lupinus sulphureus
2 Balsamorhiza sagittata
3 Achillea millefolium

Shrubs and Trees

1
2
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 moss
2
3

Cover Worksheet

State: Oregon **Office:** **Ecological Site:** Columbia Plateau Steppe a

Observer(s): Thad Jones **Date:** 4/10/2011 **Site ID:** 49.8

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual						x		
Native Perennial						x		
Exotic Perennial	x							
II - Forb								
Annual		x						
Perennial			x					
III - Shrub		x						
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust	x							

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants							x	
II - Standing Dead Vegetation			x					
III - Litter (in contact w/ the soil surface)			x					
IV - Biological Crust	x							
V - Rock/Gravel	x							
VI - Bare Ground			x					

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)
-ESTIMATES

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Bromus tectorum
2 Pseudoroegneria spicata
3 Ericameria nauseosa
4 Sitanion hystrix

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1 Bromus tectorum
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☑ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2
3

Annual Forbs

1
2
3

Perennial Grasses

1 Pseudoroegneria spicata
2 Sitanion hystrix
3 Poa secunda

Perennial Forbs

1 Lithophragma parviflorum
2 Lomatium triternatum
3 Achillea millefolium

Shrubs and Trees

1 Ericameria nauseosa
2
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1
2
3

Cover Worksheet

State: Oregon **Office:** **Ecological Site:** Columbia Plateau Steppe a

Observer(s): Thad Jones **Date:** 4/11/2011 **Site ID:** 54.45

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual		x						
Native Perennial					x			
Exotic Perennial	x							
II - Forb								
Annual	x							
Perennial		x						
III - Shrub	x							
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust	x							

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants					x			
II - Standing Dead Vegetation			x					
III - Litter (in contact w/ the soil surface)		x						
IV - Biological Crust		x						
V - Rock/Gravel					x			
VI - Bare Ground					x			

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)
-ESTIMATES

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Pseudoroegneria spicata
2 Festuca
3 Bromus tectorum
4 Balsamorhiza serrata

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1 Bromus tectorum
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☑ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2
3

Annual Forbs

1
2
3

Perennial Grasses

1 Pseudoroegneria spicata
2 Festuca
3

Perennial Forbs

1 Balsamorhiza serrata
2
3

Shrubs and Trees

1
2
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 moss
2
3

Cover Worksheet

State: _____ **Office:** _____ **Ecological Site:** Columbia Plateau Steppe a

Observer(s): MM **Date:** 6/28/2011 **Site ID:** 6/28-15

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual						x		
Native Perennial						x		
Exotic Perennial			x					
II - Forb								
Annual		x						
Perennial			x					
III - Shrub			x					
IV - Tree			x					
V - Succulent	x							
VI - Biological Crust			x					

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants							x	
II - Standing Dead Vegetation			x					
III - Litter (in contact w/ the soil surface)					x			
IV - Biological Crust				x				
V - Rock/Gravel			x					
VI - Bare Ground				x				

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☐ or weig ☐

Dominant Species on Site

1 Festuca idahoensis
2 Bromus sterilis
3 Poa secunda
4

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1 Bromus sterilis
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses

1 Bromus sterilis
2
3

Annual Forbs

1
2
3

Perennial Grasses

1 Festuca idahoensis
2 Poa secunda
3 Agropyron spicatum

Perennial Forbs

1 Achillea millefolium
2 Eriogonum
3

Shrubs and Trees

1 Eriogonum
2 Pinus ponderosa
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 moss
2
3

Cover Worksheet

State: _____ **Office:** _____ **Ecological Site:** Columbia Plateau Steppe a

Observer(s): MM **Date:** 6/21/2011 **Site ID:** 6/21-13

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual		x						
Native Perennial								x
Exotic Perennial								
II - Forb								
Annual	x							
Perennial	x							
III - Shrub		x						
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust	x							

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants							x	
II - Standing Dead Vegetation		x						
III - Litter (in contact w/ the soil surface)				x				
IV - Biological Crust	x							
V - Rock/Gravel			x					
VI - Bare Ground					x			

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover or weig ☑ . ☐

Dominant Species on Site

1 Festuca idahoensis
2 Pascopyrum smithii
3
4

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1 Vulpia
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses

1 Vulpia
2
3

Annual Forbs

1
2
3

Perennial Grasses

1 Festuca idahoensis
2 Pascopyrum smithii
3

Perennial Forbs

1
2
3

Shrubs and Trees

1 Chrysothamnus nauseosus
2
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1
2
3

Cover Worksheet

State: _____ **Office:** _____ **Ecological Site:** Columbia Plateau Steppe a

Observer(s): MM **Date:** 6/6/2011 **Site ID:** 6/6-1

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual				x				
Native Perennial							x	
Exotic Perennial	x							
II - Forb								
Annual		x						
Perennial			x					
III - Shrub			x					
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust						x		

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants							x	
II - Standing Dead Vegetation		x						
III - Litter (in contact w/ the soil surface)		x						
IV - Biological Crust						x		
V - Rock/Gravel			x					
VI - Bare Ground		x						

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Agropyron spicatum
2 Poa secunda
3 Chrysothamnus nauseosus
4 Stipa comata

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1 Bromus tectorum
2 Vulpia
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2 Vulpia
3

Annual Forbs

1
2
3

Perennial Grasses

1 Agropyron spicatum
2 Poa secunda
3 Stipa comata

Perennial Forbs

1 Achillea millefolium
2 Allium acuminatum
3

Shrubs and Trees

1 Chrysothamnus nauseosus
2 Eriogonum
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 moss
2
3

Cover Worksheet

State: _____ **Office:** _____ **Ecological Site:** Columbia Plateau Steppe a

Observer(s): MM **Date:** 6/3/2011 **Site ID:** 6/3-9

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual					x			
Native Perennial							x	
Exotic Perennial	x							
II - Forb								
Annual		x						
Perennial	x							
III - Shrub	x							
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust				x				

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants							x	
II - Standing Dead Vegetation		x						
III - Litter (in contact w/ the soil surface)			x					
IV - Biological Crust				x				
V - Rock/Gravel		x						
VI - Bare Ground				x				

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)
-ESTIMATES

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☐ or weig ☐

Dominant Species on Site

1 Agropyron spicatum
2 Bromus tectorum
3 Koeleria
4 Festuca idahoensis

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1 Bromus tectorum
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2
3

Annual Forbs

1 Tragopogon
2 Descurainia pinnata
3

Perennial Grasses

1 Agropyron spicatum
2 Koeleria
3 Festuca idahoensis
4 Lolium perenne

Perennial Forbs

1
2
3

Shrubs and Trees

1
2
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 moss
2
3

Cover Worksheet

State: Oregon **Office:** **Ecological Site:** Columbia Plateau Steppe a

Observer(s): Thad Jones **Date:** 4/6/2011 **Site ID:** 19.9

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual	x							
Native Perennial							x	
Exotic Perennial	x							
II - Forb								
Annual			x					
Perennial		x						
III - Shrub		x						
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust					x			

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants							x	
II - Standing Dead Vegetation		x						
III - Litter (in contact w/ the soil surface)			x					
IV - Biological Crust					x			
V - Rock/Gravel		x						
VI - Bare Ground			x					

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Agropyron spicatum
2 Poa secunda
3 Phlox
4

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☑ or weight ☐ by life form.

Annual Grasses

1
2
3

Annual Forbs

1 Draba verna
2
3

Perennial Grasses

1 Agropyron spicatum
2 Poa secunda
3

Perennial Forbs

1 Phlox
2 Achillea millefolium
3 Balsamorhiza sagittata

Shrubs and Trees

1
2
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 moss
2 lichen
3

Cover Worksheet

State: OR **Office:** **Ecological Site:** Columbia Plateau Steppe a

Observer(s): TJ **Date:** 6/7/2011 **Site ID:** 67-9

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual		x						
Native Perennial							x	
Exotic Perennial					x			
II - Forb								
Annual		x						
Perennial		x						
III - Shrub		x						
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust			x					

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants						x		
II - Standing Dead Vegetation	x							
III - Litter (in contact w/ the soil surface)					x			
IV - Biological Crust			x					
V - Rock/Gravel								
VI - Bare Ground					x			

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Pseudoroegneria spicata
2 Festuca idahoensis
3 Poa bulbosa
4 Poa secunda

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1 Poa bulbosa
2 Bromus tectorum
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☑ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2
3

Annual Forbs

1
2
3

Perennial Grasses

1 Pseudoroegneria spicata
2 Festuca idahoensis
3 Poa bulbosa

Perennial Forbs

1 Lupinus
2 Balsamorhiza sagittata
3

Shrubs and Trees

1 Artemisia tridentata
2 Chrysothamnus viscidiflorus
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 moss
2
3

Cover Worksheet

State: OREGON **Office:** **Ecological Site:** Columbia Plateau Steppe a

Observer(s): H.Heist/B.Greenwood **Date:** 6/29/2011 **Site ID:** 6-29-1

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual						x		
Native Perennial						x		
Exotic Perennial								
II - Forb								
Annual				x				
Perennial							x	
III - Shrub	x							
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust	x							

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants								x
II - Standing Dead Vegetation		x						
III - Litter (in contact w/ the soil surface)			x					
IV - Biological Crust	x							
V - Rock/Gravel				x				
VI - Bare Ground		x						

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☐ or weig ☐

Dominant Species on Site

1 Vulpia octoflora
2 Pseudoroegneria spicata
3 Balsamorhiza
4 Festuca idahoensis

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses

1 Vulpia octoflora
2 Bromus sterilis
3

Annual Forbs

1 unknown
2 Tragopogon dubious
3 Madia

Perennial Grasses

1 Pseudoroegneria spicata
2 Festuca idahoensis
3 Poa secunda

Perennial Forbs

1 Balsamorhiza
2 Lomatium
3 Lithophragma parviflorum

Shrubs and Trees

1
2
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1
2
3

Cover Worksheet

State: OREGON **Office:** **Ecological Site:** Columbia Plateau Steppe a

Observer(s): H.Heist/B.Greenwood **Date:** 6/22/2011 **Site ID:** 622-6

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual						x		
Native Perennial				x				
Exotic Perennial			x					
II - Forb								
Annual					x			
Perennial						x		
III - Shrub	x							
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust	x							

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants							x	
II - Standing Dead Vegetation	x							
III - Litter (in contact w/ the soil surface)				x				
IV - Biological Crust	x							
V - Rock/Gravel			x					
VI - Bare Ground				x				

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☐ or weig ☐

Dominant Species on Site

1 Vulpia octoflora
2 Balsamorhiza sagittata
3 Zigadenus
4 Lupinus

Noxious Weeds

1
2
3

Invasive Natives

1 Grindelia squarrosa
2
3

Invasive Exotics

1
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses

1 Poa bulbosa
2 Bromus arvensis
3

Annual Forbs

1 Myosotis stricta
2 Blepharipappas scaber
3

Perennial Grasses

1 Poa secunda
2 Festuca idahoensis
3

Perennial Forbs

1 Balsamorhiza sagittata
2 Lomatium
3 Lupinus

Shrubs and Trees

1
2
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1
2
3

Cover Worksheet

State: OREGON **Office:** **Ecological Site:** Columbia Plateau Steppe a

Observer(s): Thad Jones **Date:** 4/9/2011 **Site ID:** 45.2

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual					x			
Native Perennial							x	
Exotic Perennial	x							
II - Forb								
Annual			x					
Perennial					x			
III - Shrub		x						
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust			x					

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants							x	
II - Standing Dead Vegetation			x					
III - Litter (in contact w/ the soil surface)			x					
IV - Biological Crust			x					
V - Rock/Gravel	x							
VI - Bare Ground			x					

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)
-ESTIMATES

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Agropyron spicatum
2 Poa secunda
3 Bromus tectorum
4

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2
3

Annual Forbs

1 Draba verna
2
3

Perennial Grasses

1 Agropyron spicatum
2 Poa secunda
3

Perennial Forbs

1 Erigeron
2 Erogonium
3 Lomatium macrocarpum

Shrubs and Trees

1 Chrysothamnus nauseosus
2
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 moss
2
3

Cover Worksheet

State: OREGON **Office:** **Ecological Site:** Columbia Plateau Steppe a

Observer(s): Thad Jones **Date:** 4/9/2011 **Site ID:** 44.0

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual					x			
Native Perennial						x		
Exotic Perennial	x							
II - Forb								
Annual		x						
Perennial				x				
III - Shrub		x						
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust		x						

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants							x	
II - Standing Dead Vegetation			x					
III - Litter (in contact w/ the soil surface)			x					
IV - Biological Crust		x						
V - Rock/Gravel		x						
VI - Bare Ground				x				

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Poa secunda
2 Bromus tectorum
3 Achillea millefolium
4

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1 Bromus tectorum
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2
3

Annual Forbs

1 Draba
2
3

Perennial Grasses

1 Poa secunda
2 Agropyron spicatum
3

Perennial Forbs

1 Achillea millefolium
2 Erogonium
3 Balsamorhiza sagittata

Shrubs and Trees

1 Chrysothamnus viscidiflorus
2 Chrysothamnus nauseosus
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 moss
2
3

Cover Worksheet

State: _____ **Office:** _____ **Ecological Site:** Columbia Plateau Steppe a

Observer(s): MM **Date:** 6/7/2011 **Site ID:** 6/7-12

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual				x				
Native Perennial							x	
Exotic Perennial	x							
II - Forb								
Annual		x						
Perennial		x						
III - Shrub			x					
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust					x			

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants							x	
II - Standing Dead Vegetation		x						
III - Litter (in contact w/ the soil surface)			x					
IV - Biological Crust					x			
V - Rock/Gravel				x				
VI - Bare Ground			x					

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☐ or weig ☐

Dominant Species on Site

1 Elymus trachycaulus
2 _____
3 _____
4 _____

Noxious Weeds

1 _____
2 _____
3 _____

Invasive Natives

1 _____
2 _____
3 _____

Invasive Exotics

1 Bromus tectorum
2 _____
3 _____

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses

1 _____
2 _____
3 _____

Annual Forbs

1 _____
2 _____
3 _____

Perennial Grasses

1 Elymus trachycaulus
2 _____
3 _____

Perennial Forbs

1 Balsamorhiza sagittata
2 Antennaria
3 Eriogonum

Shrubs and Trees

1 Chrysothamnus nauseosus
2 _____
3 _____

Succulents

1 _____
2 _____
3 _____

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 _____
2 _____
3 _____

Cover Worksheet

State: _____ **Office:** _____ **Ecological Site:** Columbia Plateau Steppe a

Observer(s): MM **Date:** 6/7/2011 **Site ID:** 6/7-1

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual				x				
Native Perennial								x
Exotic Perennial	x							
II - Forb								
Annual								
Perennial			x					
III - Shrub				x				
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust				x				

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants							x	
II - Standing Dead Vegetation		x						
III - Litter (in contact w/ the soil surface)				x				
IV - Biological Crust				x				
V - Rock/Gravel		x						
VI - Bare Ground			x					

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☐ or weig ☐

Dominant Species on Site

1 Koeleria macrantha
2 Festuca idahoensis
3 Agropyron spicatum
4

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1 Bromus tectorum
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2
3

Annual Forbs

1
2
3

Perennial Grasses

1 Koeleria macrantha
2 Festuca idahoensis
3 Agropyron spicatum
4 Poa secunda

Perennial Forbs

1 Phlox hoodii
2 Achillea millefolium
3 Astragalus

Shrubs and Trees

1
2
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 moss
2
3

Cover Worksheet

State: _____ **Office:** _____ **Ecological Site:** Columbia Plateau Steppe a

Observer(s): MM **Date:** 6/7/2011 **Site ID:** 6/7-8

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual				x				
Native Perennial								x
Exotic Perennial	x							
II - Forb								
Annual		x						
Perennial			x					
III - Shrub		x						
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust			x					

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants							x	
II - Standing Dead Vegetation		x						
III - Litter (in contact w/ the soil surface)				x				
IV - Biological Crust			x					
V - Rock/Gravel		x						
VI - Bare Ground				x				

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☐ or weig ☐

Dominant Species on Site
1 Koeleria macrantha
2 Agropyron spicatum
3
4

Noxious Weeds
1 Bromus tectorum
2
3

Invasive Natives
1
2
3

Invasive Exotics
1
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☑ or weight ☐ by life form.

Annual Grasses
1 Bromus tectorum
2
3

Annual Forbs
1 Descurainia pinnata
2
3

Perennial Grasses
1 Koeleria macrantha
2 Agropyron spicatum
3

Perennial Forbs
1 Medicago sativa
2
3

Shrubs and Trees
1 Chrysothamnus nauseosus
2
3

Succulents
1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)
1 moss
2
3

Cover Worksheet

State: _____ **Office:** _____ **Ecological Site:** Columbia Plateau Steppe a

Observer(s): MM **Date:** 6/6/2011 **Site ID:** 6/6-7

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual					x			
Native Perennial					x			
Exotic Perennial	x							
II - Forb								
Annual		x						
Perennial			x					
III - Shrub				x				
IV - Tree								
V - Succulent								
VI - Biological Crust								

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants						x		
II - Standing Dead Vegetation		x						
III - Litter (in contact w/ the soil surface)		x						
IV - Biological Crust				x				
V - Rock/Gravel				x				
VI - Bare Ground					x			

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weight ☐.

Dominant Species on Site
1 Chrysothamnus nauseosus
2 Bromus tectorum
3 Poa secunda
4

Noxious Weeds
1
2
3

Invasive Natives
1
2
3

Invasive Exotics
1 Bromus tectorum
2 Vulpia
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☑ or weight ☐ by life form.

Annual Grasses
1 Bromus tectorum
2 Vulpia
3

Annual Forbs
1
2
3

Perennial Grasses
1 Agropyron spicatum
2 Poa secunda
3

Perennial Forbs
1 Achillea millefolium
2 Balsamorhiza sagittata
3 Eriogonum
4 Phacelia

Shrubs and Trees
1 Chrysothamnus nauseosus
2
3

Succulents
1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)
1
2
3

Cover Worksheet

State: _____ **Office:** _____ **Ecological Site:** Columbia Plateau Steppe a

Observer(s): MM **Date:** 6/4/2011 **Site ID:** 6/4-2

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual				x				
Native Perennial							x	
Exotic Perennial	x							
II - Forb								
Annual			x					
Perennial		x						
III - Shrub					x			
IV - Tree	x							
V - Succulent		x						
VI - Biological Crust				x				

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants							x	
II - Standing Dead Vegetation		x						
III - Litter (in contact w/ the soil surface)			x					
IV - Biological Crust				x				
V - Rock/Gravel			x					
VI - Bare Ground				x				

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)
-ESTIMATES

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Poa secunda
2 Stipa comata
3 Bromus tectorum
4

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1 Bromus tectorum
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2
3

Annual Forbs

1 Linum
2
3

Perennial Grasses

1 Poa secunda
2 Stipa comata
3

Perennial Forbs

1 Achillea millefolium
2
3

Shrubs and Trees

1 Chrysothamnus nauseosus
2
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 moss
2
3

Cover Worksheet

State: Oregon **Office:** **Ecological Site:** Columbia Plateau Steppe a

Observer(s): Thad Jones **Date:** 6/1/2011 **Site ID:** 004

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual		x						
Native Perennial						x		
Exotic Perennial	x							
II - Forb								
Annual		x						
Perennial		x						
III - Shrub	x							
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust						x		

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants					x			
II - Standing Dead Vegetation			x					
III - Litter (in contact w/ the soil surface)		x						
IV - Biological Crust						x		
V - Rock/Gravel		x						
VI - Bare Ground						x		

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)
-ESTIMATES

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover or weig☑ ☐

Dominant Species on Site

1 Pseudoroegneria spicata
2 Poa secunda
3
4

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1
2
3

Part 2 (Optional) **Dominant Species by Life Form**
The most common species are ranked according to dominance using cover or ☑ght by li☐form.

Annual Grasses

1
2
3

Annual Forbs

1
2
3

Perennial Grasses

1 Pseudoroegneria spicata
2 Poa secunda
3

Perennial Forbs

1 Allium nevadense
2 Phlox hoodii
3 Astragalus

Shrubs and Trees

1 Artemisia tridentata
2
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 moss
2 lichen
3

Cover Worksheet

State: _____ **Office:** _____ **Ecological Site:** Cultivated Crops Irrigated Agriculture

Observer(s): MM **Date:** 6/4/2011 **Site ID:** 6/4-1

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual					x			
Native Perennial								
Exotic Perennial			x					
II - Forb								
Annual		x						
Perennial	x							
III - Shrub			x					
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust			x					

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants								
II - Standing Dead Vegetation		x						
III - Litter (in contact w/ the soil surface)		x						
IV - Biological Crust			x					
V - Rock/Gravel		x						
VI - Bare Ground				x				

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Bromus tectorum
2 Chrysothamnus nauseosus
3 Lolium perenne
4

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1 Lolium perenne
2 Bromus tectorum
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2 Poa bulbosa
3 Poa secunda

Annual Forbs

1 Amsinckia
2 Achillea millefolium
3 Lepidium perfoliatum

Perennial Grasses

1 Lolium perenne
2
3

Perennial Forbs

1
2
3

Shrubs and Trees

1 Chrysothamnus nauseosus
2
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 moss
2
3

Cover Worksheet

State: OREGON **Office:** _____ **Ecological Site:** Cultivated Crops Irrigated Agriculture

Observer(s): RS **Date:** 6/26/2011 **Site ID:** 062611-07

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual		x						
Native Perennial		x						
Exotic Perennial		x						
II - Forb								
Annual							x	
Perennial		x						
III - Shrub	x							
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust	x							

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants								x
II - Standing Dead Vegetation		x						
III - Litter (in contact w/ the soil surface)			x					
IV - Biological Crust	x							
V - Rock/Gravel	x							
VI - Bare Ground			x					

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Medicago
2 Bromus tectorum
3 Agropyron cristatum
4

Noxious Weeds

1 Onopordum acanthium
2
3

Invasive Natives

1
2
3

Invasive Exotics

1
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2
3

Annual Forbs

1 Medicago
2
3

Perennial Grasses

1 Agropyron cristatum
2 Festuca
3

Perennial Forbs

1
2
3

Shrubs and Trees

1
2
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1
2
3

Cover Worksheet

State: IDAHO **Office:** _____ **Ecological Site:** Cultivated Crops Irrigated Agriculture

Observer(s): RS **Date:** 5/14/2011 **Site ID:** 051411-03

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual				x				
Native Perennial				x				
Exotic Perennial	x							
II - Forb								
Annual	x							
Perennial	x							
III - Shrub	x							
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust	x							

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants	x							
II - Standing Dead Vegetation	x							
III - Litter (in contact w/ the soil surface)	x							
IV - Biological Crust	x							
V - Rock/Gravel	x							
VI - Bare Ground	x							

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☐ or weig ☐

Dominant Species on Site

1 _____
2 _____
3 _____
4 _____

Noxious Weeds

1 _____
2 _____
3 _____

Invasive Natives

1 _____
2 _____
3 _____

Invasive Exotics

1 _____
2 _____
3 _____

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses

1 _____
2 _____
3 _____

Annual Forbs

1 _____
2 _____
3 _____

Perennial Grasses

1 _____
2 _____
3 _____

Perennial Forbs

1 _____
2 _____
3 _____

Shrubs and Trees

1 _____
2 _____
3 _____

Succulents

1 _____
2 _____
3 _____

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 _____
2 _____
3 _____

Cover Worksheet

State: Oregon **Office:** _____ **Ecological Site:** Inter-Mountain Basin Big Sage Shrubland

Observer(s): H.Heist/B.Greenwood **Date:** 6/23/2011 **Site ID:** 6-23-7

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual								x
Native Perennial				x				
Exotic Perennial								
II - Forb								
Annual					x			
Perennial							x	
III - Shrub						x		
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust	x							

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants								x
II - Standing Dead Vegetation			x					
III - Litter (in contact w/ the soil surface)			x					
IV - Biological Crust	x							
V - Rock/Gravel			x					
VI - Bare Ground			x					

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☐ or weig ☐

Dominant Species on Site
1 Holodiscus discolor
2 Balsamorhiza
3 Physocarpus
4 Anthrisus scandicina

Noxious Weeds
1
2
3

Invasive Natives
1 Hypericum perforatum
2
3

Invasive Exotics
1 Bromus arvensis
2 Bromus tectorum
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses
1 Bromus arvensis
2 Bromus tectorum
3

Annual Forbs
1 Lepidium perfoliatum
2 small white flower
3

Perennial Grasses
1 Festuca idahoensis
2 Koeleria
3

Perennial Forbs
1 Anthrisus scandicina
2 Balsamorhiza
3 Eriogonum

Shrubs and Trees
1 Holodiscus discolor
2 Amelanchier
3 Gaultheria
4 Rosa nutkana

Succulents
1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)
1
2
3

Cover Worksheet

State: _____ **Office:** _____ **Ecological Site:** Inter-Mountain Basin Big Sage Shrubland

Observer(s): MM **Date:** 6/5/2011 **Site ID:** 6/5-4

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual					x			
Native Perennial						x		
Exotic Perennial	x							
II - Forb								
Annual		x						
Perennial		x						
III - Shrub						x		
IV - Tree	x							
V - Succulent		x						
VI - Biological Crust				x				

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants							x	
II - Standing Dead Vegetation		x						
III - Litter (in contact w/ the soil surface)			x					
IV - Biological Crust				x				
V - Rock/Gravel			x					
VI - Bare Ground				x				

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site
1 Chrysothamnus nauseosus
2 Poa secunda
3 Bromus tectorum
4

Noxious Weeds
1
2
3

Invasive Natives
1
2
3

Invasive Exotics
1 Bromus tectorum
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☑ or weight ☐ by life form.

Annual Grasses
1 Bromus tectorum
2
3

Annual Forbs
1 Phacelia
2
3

Perennial Grasses
1 Poa secunda
2 Stipa comata
3

Perennial Forbs
1 Achillea millefolium
2 Aster
3 Phlox hoodii

Shrubs and Trees
1 Chrysothamnus nauseosus
2 Eriogonum
3 Artemisia tridentata
4 Chrysothamnus viscidiflorus

Succulents
1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)
1 moss
2
3

Cover Worksheet

State: _____ **Office:** _____ **Ecological Site:** Inter-Mountain Basin Big Sage Shrubland

Observer(s): MM **Date:** 6/3/2011 **Site ID:** 3/9-11

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual						x		
Native Perennial	x							
Exotic Perennial				x				
II - Forb								
Annual		x						
Perennial	x							
III - Shrub					x			
IV - Tree	x							
V - Succulent		x						
VI - Biological Crust			x					

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants								x
II - Standing Dead Vegetation			x					
III - Litter (in contact w/ the soil surface)			x					
IV - Biological Crust			x					
V - Rock/Gravel		x						
VI - Bare Ground				x				

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Chrysothamnus nauseosus
2 Bromus tectorum
3 Lolium perenne
4 Hordeum jubatum

Noxious Weeds

1
2
3

Invasive Natives

1 Lolium perenne
2
3

Invasive Exotics

1 Bromus tectorum
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2 Hordeum jubatum
3

Annual Forbs

1 Descurainia pinnata
2 Achillea millefolium
3

Perennial Grasses

1 Lolium perenne
2
3

Perennial Forbs

1
2
3

Shrubs and Trees

1 Chrysothamnus nauseosus
2 Artemisia tridentata
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 moss
2
3

Cover Worksheet

State: _____ **Office:** _____ **Ecological Site:** Inter-Mountain Basin Big Sage Shrubland

Observer(s): MM **Date:** 6/2/2011 **Site ID:** 6/2-3

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual							x	
Native Perennial			x					
Exotic Perennial	x							
II - Forb								
Annual				x				
Perennial	x							
III - Shrub					x			
IV - Tree			x					
V - Succulent	x							
VI - Biological Crust	x							

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants								x
II - Standing Dead Vegetation		x						
III - Litter (in contact w/ the soil surface)		x						
IV - Biological Crust		x						
V - Rock/Gravel	x							
VI - Bare Ground			x					

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Bromus tectorum
2 Chrysothamnus viscidiflorus
3 Stipa comata
4

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1 Bromus tectorum
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2
3

Annual Forbs

1 Descurainia pinnata
2 Hieracium cynoglossoides
3

Perennial Grasses

1 Stipa comata
2
3

Perennial Forbs

1
2
3

Shrubs and Trees

1 Chrysothamnus viscidiflorus
2 Artemisia tridentata
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1
2
3

Cover Worksheet

State: _____ **Office:** _____ **Ecological Site:** Inter-Mountain Basin Big Sage Shrubland

Observer(s): MM **Date:** 5/25/2011 **Site ID:** 25-4

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual					x			
Native Perennial			x					
Exotic Perennial								
II - Forb								
Annual			x					
Perennial		x						
III - Shrub						x		
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust				x				

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants					x			
II - Standing Dead Vegetation					x			
III - Litter (in contact w/ the soil surface)					x			
IV - Biological Crust				x				
V - Rock/Gravel			x					
VI - Bare Ground				x				

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)
-ESTIMATES

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Artemisia tridentata
2 Grayia spinosa
3 Atriplex confertifolia
4 Bromus tectorum

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1 Bromus tectorum
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2
3

Annual Forbs

1 Descurainia pinnata
2
3

Perennial Grasses

1 Poa secunda
2 Sitanion hystrix
3

Perennial Forbs

1 Sphaeralcea munroana
2
3

Shrubs and Trees

1 Artemisia tridentata
2 Grayia spinosa
3 Atriplex confertifolia
4 Picrothamnus desertorum

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 moss
2
3

Cover Worksheet

State: OREGON **Office:** **Ecological Site:** Inter-Mountain Basin Big Sage Shrubland

Observer(s): RS **Date:** 6/26/2011 **Site ID:** 062611-01

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual					x			
Native Perennial			x					
Exotic Perennial				x				
II - Forb								
Annual			x					
Perennial				x				
III - Shrub				x				
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust			x					

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants					x			
II - Standing Dead Vegetation			x					
III - Litter (in contact w/ the soil surface)				x				
IV - Biological Crust			x					
V - Rock/Gravel					x			
VI - Bare Ground					x			

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site
1 Poa bulbosa
2 Artemisia tridentata
3 Taeniatherum caput-medusae
4 Bromus tectorum

Noxious Weeds
1 Taeniatherum caput-medusae
2 Onopordum acanthium
3 Cardaria draba
4 Convolvulus arvensis

Invasive Natives
1
2
3

Invasive Exotics
1
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☑ or weight ☐ by life form.

Annual Grasses
1 Bromus tectorum
2 Taeniatherum caput-medusae
3

Annual Forbs
1 IGPE2 - unknown
2 Cardaria draba
3

Perennial Grasses
1 Poa bulbosa
2 Sitanion hystrix
3 Festuca

Perennial Forbs
1 Phlox hoodii
2 Balsamorhiza sagittata
3 Lupinus

Shrubs and Trees
1 Artemisia tridentata
2
3

Succulents
1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)
1 lichen
2
3

Cover Worksheet

State: OREGON **Office:** _____ **Ecological Site:** Inter-Mountain Basin Big Sage Shrubland

Observer(s): RS **Date:** 6/25/2011 **Site ID:** 062511-04

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual				x				
Native Perennial				x				
Exotic Perennial			x					
II - Forb								
Annual				x				
Perennial			x					
III - Shrub				x				
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust			x					

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants					x			
II - Standing Dead Vegetation			x					
III - Litter (in contact w/ the soil surface)			x					
IV - Biological Crust			x					
V - Rock/Gravel						x		
VI - Bare Ground						x		

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Bromus tectorum
2 Artemisia tridentata
3 Thlaspi arvense
4 Festuca

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☑ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2
3

Annual Forbs

1 Thlaspi arvense
2 Amsinckia lycopsoides
3 Astragalus

Perennial Grasses

1 Festuca
2 Pseudoroegneria spicata
3 Poa bulbosa

Perennial Forbs

1 Barkleyanthus salicifolius
2 Lupinus
3 Tragopogon dubius

Shrubs and Trees

1 Artemisia tridentata
2
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 lichen
2
3

Cover Worksheet

State: OREGON **Office:** _____ **Ecological Site:** Inter-Mountain Basin Big Sage Shrubland

Observer(s): RS **Date:** 6/3/2011 **Site ID:** 060311-08

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual				x				
Native Perennial		x						
Exotic Perennial	x							
II - Forb								
Annual			x					
Perennial								
III - Shrub					x			
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust			x					

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants				x				
II - Standing Dead Vegetation			x					
III - Litter (in contact w/ the soil surface)				x				
IV - Biological Crust			x					
V - Rock/Gravel				x				
VI - Bare Ground						x		

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Bromus tectorum
2 Artemisia tridentata
3 Tetradymia glabrata
4 Poa secunda

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2
3

Annual Forbs

1 Lepidium perfoliatum
2
3

Perennial Grasses

1 Poa secunda
2 Achnatherum hymenoides
3 Agropyron spicatum

Perennial Forbs

1 Balsamorhiza sagittata
2 Sphaeralcea
3

Shrubs and Trees

1 Artemisia tridentata
2 Sarcobatus vermiculatus
3 Tetradymia glabrata

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 moss
2 lichen
3

Cover Worksheet

State: OREGON **Office:** **Ecological Site:** Inter-Mountain Basin Big Sage Shrubland

Observer(s): RS **Date:** 6/5/2011 **Site ID:** 060511-04

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual					x			
Native Perennial		x						
Exotic Perennial		x						
II - Forb								
Annual			x					
Perennial		x						
III - Shrub				x				
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust			x					

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants				x				
II - Standing Dead Vegetation			x					
III - Litter (in contact w/ the soil surface)				x				
IV - Biological Crust			x					
V - Rock/Gravel					x			
VI - Bare Ground						x		

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Bromus tectorum
2 Artemisia tridentata
3 Chrysothamnus viscidiflorus
4 Descurainia sophia

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☑ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2 Poa bulbosa
3

Annual Forbs

1 Descurainia sophia
2 Ceratocephala testiculata
3

Perennial Grasses

1 Poa secunda
2 Agropyron cristatum
3

Perennial Forbs

1 Balsamorhiza sagittata
2 Oenothera pallida
3

Shrubs and Trees

1 Artemisia tridentata
2 Chrysothamnus viscidiflorus
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 lichen
2 moss
3

Cover Worksheet

State: OREGON **Office:** **Ecological Site:** Inter-Mountain Basin Big Sage Shrubland

Observer(s): RS **Date:** 5/13/2011 **Site ID:** 51311-03

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual					x			
Native Perennial			x					
Exotic Perennial	x							
II - Forb								
Annual			x					
Perennial	x							
III - Shrub				x				
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust			x					

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants				x				
II - Standing Dead Vegetation			x					
III - Litter (in contact w/ the soil surface)			x					
IV - Biological Crust			x					
V - Rock/Gravel					x			
VI - Bare Ground					x			

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Bromus tectorum
2 Artemisia tridentata
3 Atriplex collina
4 Poa secunda

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☑ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2
3

Annual Forbs

1 Ranunculus testiculatus
2 Lepidium
3 Lomatium dissectum

Perennial Grasses

1 Poa secunda
2 Sitanion hystrix
3 Poa bulbosa

Perennial Forbs

1
2
3

Shrubs and Trees

1 Artemisia tridentata
2 Atriplex collina
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 moss
2 lichen
3

Cover Worksheet

State: IDAHO **Office:** **Ecological Site:** Inter-Mountain Basin Big Sage Shrubland

Observer(s): RS **Date:** 5/13/2011 **Site ID:** 051311-01

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual					x			
Native Perennial			x					
Exotic Perennial	x							
II - Forb								
Annual			x					
Perennial	x							
III - Shrub				x				
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust			x					

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants				x				
II - Standing Dead Vegetation			x					
III - Litter (in contact w/ the soil surface)			x					
IV - Biological Crust			x					
V - Rock/Gravel					x			
VI - Bare Ground					x			

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Bromus tectorum
2 Artemisia tridentata
3 Atriplex collina
4 Poa secunda

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☑ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2
3

Annual Forbs

1 Ranunculus testiculatus
2 Agoseris
3 Lepidium

Perennial Grasses

1 Poa secunda
2 Poa bulbosa
3 Sitanion hystrix

Perennial Forbs

1
2
3

Shrubs and Trees

1 Artemisia tridentata
2 Atriplex collina
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 moss
2 lichen
3

Cover Worksheet

State: IDAHO **Office:** **Ecological Site:** Inter-Mountain Basin Big Sage Shrubland

Observer(s): RS **Date:** 5/5/2011 **Site ID:** 051211-10

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual					x			
Native Perennial			x					
Exotic Perennial								
II - Forb								
Annual					x			
Perennial								
III - Shrub				x				
IV - Tree								
V - Succulent								
VI - Biological Crust			x					

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants					x			
II - Standing Dead Vegetation			x					
III - Litter (in contact w/ the soil surface)			x					
IV - Biological Crust			x					
V - Rock/Gravel				x				
VI - Bare Ground					x			

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Bromus tectorum
2 Artemisia tridentata
3 Poa secunda
4 Descurainia

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☑ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2
3

Annual Forbs

1 Ranunculus testiculatus
2 Descurainia
3 Lepidium

Perennial Grasses

1 Poa secunda
2 Sitanion hystrix
3

Perennial Forbs

1
2
3

Shrubs and Trees

1 Artemisia tridentata
2 Sarcobatus vermiculatus
3 Atriplex collina

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 moss
2 lichen
3

Cover Worksheet

State: IDAHO **Office:** **Ecological Site:** Inter-Mountain Basin Big Sage Shrubland

Observer(s): RS **Date:** 5/12/2011 **Site ID:** 51211-08

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual					x			
Native Perennial			x					
Exotic Perennial								
II - Forb								
Annual			x					
Perennial								
III - Shrub				x				
IV - Tree								
V - Succulent								
VI - Biological Crust			x					

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants					x			
II - Standing Dead Vegetation			x					
III - Litter (in contact w/ the soil surface)			x					
IV - Biological Crust			x					
V - Rock/Gravel				x				
VI - Bare Ground					x			

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Bromus tectorum
2 Artemisia tridentata
3 Sarcobatus vermiculatus
4

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☑ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2
3

Annual Forbs

1 Ranunculus testiculatus
2 Descurainia
3 Lepidium

Perennial Grasses

1 Poa secunda
2 Agropyron cristatum
3 Sitanion hystrix

Perennial Forbs

1
2
3

Shrubs and Trees

1 Artemisia tridentata
2 Sarcobatus vermiculatus
3 Atriplex collina

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 moss
2 lichen
3

Cover Worksheet

State: IDAHO **Office:** **Ecological Site:** Inter-Mountain Basin Big Sage Shrubland

Observer(s): RS **Date:** 5/11/2011 **Site ID:** 051111-8

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual					x			
Native Perennial				x				
Exotic Perennial								
II - Forb								
Annual			x					
Perennial				x				
III - Shrub								
IV - Tree								
V - Succulent								
VI - Biological Crust			x					

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants				x				
II - Standing Dead Vegetation			x					
III - Litter (in contact w/ the soil surface)			x					
IV - Biological Crust			x					
V - Rock/Gravel				x				
VI - Bare Ground					x			

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Bromus tectorum
2 Poa secunda
3 Artemisia tridentata
4 Atriplex collina

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☑ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2
3

Annual Forbs

1 Ranunculus testiculatus
2 Descurainia
3 Lepidium

Perennial Grasses

1 Poa secunda
2 Poa bulbosa
3 Sitanion hystrix

Perennial Forbs

1
2
3

Shrubs and Trees

1 Artemisia tridentata
2 Atriplex collina
3 Sarcobatus vermiculatus

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 moss
2 lichen
3

Cover Worksheet

State: IDAHO **Office:** _____ **Ecological Site:** Inter-Mountain Basin Big Sage Shrubland

Observer(s): RS **Date:** 5/10/2011 **Site ID:** RS0110

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual							x	
Native Perennial			x					
Exotic Perennial								
II - Forb								
Annual			x					
Perennial			x					
III - Shrub					x			
IV - Tree								
V - Succulent								
VI - Biological Crust				x				

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants				x				
II - Standing Dead Vegetation		x						
III - Litter (in contact w/ the soil surface)			x					
IV - Biological Crust			x					
V - Rock/Gravel			x					
VI - Bare Ground							x	

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Bromus tectorum
2 Sarcobatus vermiculatus
3 Artemisia tridentata
4

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☑ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2
3

Annual Forbs

1 Descurainia
2
3

Perennial Grasses

1 Agropyron cristatum
2 Poa bulbosa
3

Perennial Forbs

1 Balsamorhiza sagittata
2
3

Shrubs and Trees

1 Sarcobatus vermiculatus
2 Artemisia tridentata
3 Chrysothamnus

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 moss
2 lichen
3

Cover Worksheet

State: IDAHO **Office:** _____ **Ecological Site:** Inter-Mountain Basin Big Sage Shrubland

Observer(s): TJ/RS **Date:** 5/10/2011 **Site ID:** 1

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual					x			
Native Perennial			x					
Exotic Perennial								
II - Forb								
Annual						x		
Perennial		x						
III - Shrub				x				
IV - Tree	x							
V - Succulent		x						
VI - Biological Crust		x						

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants					x			
II - Standing Dead Vegetation		x						
III - Litter (in contact w/ the soil surface)		x						
IV - Biological Crust			x					
V - Rock/Gravel			x					
VI - Bare Ground							x	

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Ranunculus testiculatus
2 Bromus tectorum
3 Artemisia tridentata
4 Sarcobatus vermiculatus

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1 Bromus tectorum
2 Ranunculus testiculatus
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☑ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2
3

Annual Forbs

1 Ranunculus testiculatus
2 Descurainia
3 Lepidium

Perennial Grasses

1 Poa secunda
2 Oryzopsis hymenoides
3 Poa bulbosa

Perennial Forbs

1
2
3

Shrubs and Trees

1 Artemisia tridentata
2 Sarcobatus vermiculatus
3 Atriplex confertifolia

Succulents

1 Halogeton glomeratus
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 lichen
2 moss
3

Cover Worksheet

State: IDAHO **Office:** **Ecological Site:** Inter-Mountain Basin Big Sage Shrubland

Observer(s): RS **Date:** 5/14/2011 **Site ID:** 51411-07

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual					x			
Native Perennial			x					
Exotic Perennial	x							
II - Forb								
Annual			x					
Perennial	x							
III - Shrub				x				
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust			x					

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants				x				
II - Standing Dead Vegetation			x					
III - Litter (in contact w/ the soil surface)			x					
IV - Biological Crust			x					
V - Rock/Gravel					x			
VI - Bare Ground					x			

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Bromus tectorum
2 Artemisia tridentata
3 Erodium cicutarium
4 Poa secunda

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☑ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2
3

Annual Forbs

1 Ranunculus testiculatus
2 Erodium cicutarium
3 Lipidium

Perennial Grasses

1 Poa secunda
2 Sitanion hystrix
3

Perennial Forbs

1
2
3

Shrubs and Trees

1 Artemisia tridentata
2 Sarcobatus vermiculatus
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 moss
2 lichen
3

Cover Worksheet

State: _____ **Office:** _____ **Ecological Site:** Inter-Mountain Basin Big Sage Shrubland

Observer(s): M. McClanahan **Date:** 5/11/2011 **Site ID:** 3.2

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual			x					
Native Perennial			x					
Exotic Perennial	x							
II - Forb								
Annual				x				
Perennial			x					
III - Shrub							x	
IV - Tree	x							
V - Succulent		x						
VI - Biological Crust		x						

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants						x		
II - Standing Dead Vegetation		x						
III - Litter (in contact w/ the soil surface)			x					
IV - Biological Crust		x						
V - Rock/Gravel		x						
VI - Bare Ground						x		

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site
1 Sarcobatus vermiculatus
2 Lepidium perfoliatum
3 Bromus tectorum
4 Poa secunda

Noxious Weeds
1
2
3

Invasive Natives
1 Lepidium perfoliatum
2
3

Invasive Exotics
1 Bromus tectorum
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☑ or weight ☐ by life form.

Annual Grasses
1 Bromus tectorum
2
3

Annual Forbs
1 Ranunculus testiculatus
2 Amsinckia
3 Lepidium perfoliatum

Perennial Grasses
1 Leymus cinereus
2 Poa secunda
3 Poa bulbosa

Perennial Forbs
1 Phlox hoodii
2
3

Shrubs and Trees
1 Sarcobatus vermiculatus
2 Artemisia tridentata
3

Succulents
1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)
1 minor
2
3

Cover Worksheet

State: Oregon **Office:** _____ **Ecological Site:** Inter-Mountain Basin Big Sage Shrubland

Observer(s): Ansari **Date:** 7/23/2011 **Site ID:** 20110723-10

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual							x	
Native Perennial			x					
Exotic Perennial	x							
II - Forb								
Annual							x	
Perennial			x					
III - Shrub							x	
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust				x				

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants							x	
II - Standing Dead Vegetation		x						
III - Litter (in contact w/ the soil surface)								
IV - Biological Crust				x				
V - Rock/Gravel		x						
VI - Bare Ground				x				

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☐ or weig ☐

Dominant Species on Site

1 Artemisia tridentata
2 Poa secunda
3 Bromus tectorum
4 _____

Noxious Weeds

1 _____
2 _____
3 _____

Invasive Natives

1 _____
2 _____
3 _____

Invasive Exotics

1 Bromus tectorum
2 _____
3 _____

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses

1 _____
2 _____
3 _____

Annual Forbs

1 _____
2 _____
3 _____

Perennial Grasses

1 _____
2 _____
3 _____

Perennial Forbs

1 _____
2 _____
3 _____

Shrubs and Trees

1 _____
2 _____
3 _____

Succulents

1 _____
2 _____
3 _____

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 _____
2 _____
3 _____

Cover Worksheet

State: Oregon **Office:** _____ **Ecological Site:** Inter-Mountain Basin Big Sage Shrubland

Observer(s): Ansari **Date:** 7/20/2011 **Site ID:** 20110720-1

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual							x	
Native Perennial			x					
Exotic Perennial	x							
II - Forb								
Annual								x
Perennial			x					
III - Shrub						x		
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust	x							

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants								x
II - Standing Dead Vegetation		x						
III - Litter (in contact w/ the soil surface)		x						
IV - Biological Crust	x							
V - Rock/Gravel			x					
VI - Bare Ground		x						

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☐ or weig ☐

Dominant Species on Site

1 Artemisia tridentata
2 Poa bulbosa
3 Bromus tectorum
4 _____

Noxious Weeds

1 Onopordum acanthium
2 _____
3 _____

Invasive Natives

1 _____
2 _____
3 _____

Invasive Exotics

1 Bromus tectorum
2 _____
3 _____

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses

1 _____
2 _____
3 _____

Annual Forbs

1 _____
2 _____
3 _____

Perennial Grasses

1 _____
2 _____
3 _____

Perennial Forbs

1 _____
2 _____
3 _____

Shrubs and Trees

1 _____
2 _____
3 _____

Succulents

1 _____
2 _____
3 _____

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 _____
2 _____
3 _____

Cover Worksheet

State: Oregon **Office:** _____ **Ecological Site:** Inter-Mountain Basin Big Sage Shrubland

Observer(s): Ansari **Date:** 7/23/2011 **Site ID:** 20110723-9

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual						x		
Native Perennial		x						
Exotic Perennial		x						
II - Forb								
Annual								x
Perennial			x					
III - Shrub							x	
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust	x							

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants								x
II - Standing Dead Vegetation			x					
III - Litter (in contact w/ the soil surface)				x				
IV - Biological Crust	x							
V - Rock/Gravel				x				
VI - Bare Ground		x						

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☐ or weig ☐

Dominant Species on Site

1 Artemisia tridentata
2 Bromus tectorum
3
4

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1 Bromus tectorum
2 Sisymbrium altissimum
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses

1
2
3

Annual Forbs

1
2
3

Perennial Grasses

1
2
3

Perennial Forbs

1
2
3

Shrubs and Trees

1
2
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1
2
3

Cover Worksheet

State: Oregon **Office:** _____ **Ecological Site:** Inter-Mountain Basin Big Sage Shrubland

Observer(s): Ansari **Date:** 7/22/2011 **Site ID:** 20110722-7

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual							x	
Native Perennial		x						
Exotic Perennial	x							
II - Forb								
Annual								x
Perennial		x						
III - Shrub					x			
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust	x							

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants								x
II - Standing Dead Vegetation		x						
III - Litter (in contact w/ the soil surface)			x					
IV - Biological Crust	x							
V - Rock/Gravel	x							
VI - Bare Ground			x					

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☐ or weig ☐

Dominant Species on Site

1 Artemisia tridentata
2 Bromus tectorum
3 Poa bulbosa
4 _____

Noxious Weeds

1 _____
2 _____
3 _____

Invasive Natives

1 _____
2 _____
3 _____

Invasive Exotics

1 Bromus tectorum
2 _____
3 _____

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses

1 _____
2 _____
3 _____

Annual Forbs

1 _____
2 _____
3 _____

Perennial Grasses

1 _____
2 _____
3 _____

Perennial Forbs

1 _____
2 _____
3 _____

Shrubs and Trees

1 _____
2 _____
3 _____

Succulents

1 _____
2 _____
3 _____

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 _____
2 _____
3 _____

Cover Worksheet

State: Oregon **Office:** _____ **Ecological Site:** Inter-Mountain Basin Big Sage Shrubland

Observer(s): Ansari **Date:** 7/22/2011 **Site ID:** 20110722-1

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual							x	
Native Perennial					x			
Exotic Perennial	x							
II - Forb								
Annual							x	
Perennial			x					
III - Shrub				x				
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust	x							

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants								x
II - Standing Dead Vegetation		x						
III - Litter (in contact w/ the soil surface)			x					
IV - Biological Crust	x							
V - Rock/Gravel			x					
VI - Bare Ground			x					

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☐ or weig ☐

Dominant Species on Site

1 Artemisia tridentata
2 Poa bulbosa
3 Elymus trachycaulus
4

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1 Bromus tectorum
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses

1
2
3

Annual Forbs

1
2
3

Perennial Grasses

1
2
3

Perennial Forbs

1
2
3

Shrubs and Trees

1
2
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1
2
3

Cover Worksheet

State: Oregon **Office:** _____ **Ecological Site:** Inter-Mountain Basin Big Sage Shrubland

Observer(s): Ansari **Date:** 7/21/2011 **Site ID:** 20110721-7

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual							x	
Native Perennial	x							
Exotic Perennial	x							
II - Forb								
Annual							x	
Perennial		x						
III - Shrub					x			
IV - Tree		x						
V - Succulent	x							
VI - Biological Crust	x							

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants								x
II - Standing Dead Vegetation		x						
III - Litter (in contact w/ the soil surface)			x					
IV - Biological Crust	x							
V - Rock/Gravel			x					
VI - Bare Ground		x						

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☐ or weig ☐

Dominant Species on Site

1 Artemisia tridentata
2 Poa bulbosa
3 Achillea millefolium
4 _____

Noxious Weeds

1 _____
2 _____
3 _____

Invasive Natives

1 _____
2 _____
3 _____

Invasive Exotics

1 _____
2 _____
3 _____

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses

1 _____
2 _____
3 _____

Annual Forbs

1 _____
2 _____
3 _____

Perennial Grasses

1 _____
2 _____
3 _____

Perennial Forbs

1 _____
2 _____
3 _____

Shrubs and Trees

1 _____
2 _____
3 _____

Succulents

1 _____
2 _____
3 _____

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 _____
2 _____
3 _____

Cover Worksheet

State: Oregon **Office:** _____ **Ecological Site:** Inter-Mountain Basin Big Sage Shrubland

Observer(s): Thad Jones **Date:** 4/5/2011 **Site ID:** MO 0.1

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual								x
Native Perennial				x				
Exotic Perennial	x							
II - Forb								
Annual								
Perennial	x							
III - Shrub					x			
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust	x							

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants								x
II - Standing Dead Vegetation			x					
III - Litter (in contact w/ the soil surface)			x					
IV - Biological Crust	x							
V - Rock/Gravel	x							
VI - Bare Ground		x						

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)
-ESTIMATES

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover or weig ☑ ☐

Dominant Species on Site

1 Bromus tectorum
2 Salsola tragus
3 Chrysothamnus nauseosus
4

Noxious Weeds

1 Acroptilon repens
2
3

Invasive Natives

1
2
3

Invasive Exotics

1 Salsola tragus
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☑ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2
3

Annual Forbs

1 Draba
2
3

Perennial Grasses

1 Poa secunda
2
3

Perennial Forbs

1 Achillea millefolium
2 Fritillaria pudica
3

Shrubs and Trees

1 Chrysothamnus nauseosus
2
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1
2
3

Cover Worksheet

State: Oregon **Office:** **Ecological Site:** Inter-Mountain Basin Big Sage Shrubland

Observer(s): Thad Jones **Date:** **Site ID:** 2.4

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual								x
Native Perennial			x					
Exotic Perennial	x							
II - Forb								
Annual			x					
Perennial		x						
III - Shrub					x			
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust		x						

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants							x	
II - Standing Dead Vegetation			x					
III - Litter (in contact w/ the soil surface)			x					
IV - Biological Crust		x						
V - Rock/Gravel	x							
VI - Bare Ground				x				

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)
-ESTIMATES

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Artemisia tridentata
2 Bromus tectorum
3 Gutierrezia sarothrae
4 Elymus

Noxious Weeds

1 Acroptilon repens
2
3

Invasive Natives

1
2
3

Invasive Exotics

1 Bromus tectorum
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☑ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2
3

Annual Forbs

1 Draba verna
2 Descurainia
3

Perennial Grasses

1 Elymus
2 Poa secunda
3

Perennial Forbs

1 Macarantha
2
3

Shrubs and Trees

1 Artemisia tridentata
2 Gutierrezia sarothrae
3 Juniperus occidentalis

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 moss
2
3

Cover Worksheet

State: OR **Office:** **Ecological Site:** Inter-Mountain Basin Big Sage Shrubland

Observer(s): MM **Date:** 5/23/2011 **Site ID:** 23-2

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual						x		
Native Perennial			x					
Exotic Perennial	x							
II - Forb								
Annual			x					
Perennial		x						
III - Shrub					x			
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust		x						

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants							x	
II - Standing Dead Vegetation								
III - Litter (in contact w/ the soil surface)				x				
IV - Biological Crust		x						
V - Rock/Gravel					x			
VI - Bare Ground			x					

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Grayia spinosa
2 Artemisia tridentata
3 Bromus tectorum
4

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1 Bromus tectorum
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2 Poa secunda
3 Sitanion hystrix

Annual Forbs

1 Sphaeralcea coccinea
2 Amsinckia
3

Perennial Grasses

1
2
3

Perennial Forbs

1 Sphaeralcea coccinea
2
3

Shrubs and Trees

1 Grayia spinosa
2 Artemisia tridentata
3 Picrothamnus desertorum
4 Chrysothamnus viscidiflorus

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1
2
3

Cover Worksheet

State: OR **Office:** _____ **Ecological Site:** Inter-Mountain Basin Big Sage Shrubland

Observer(s): TJ/MM **Date:** 5/14/2011 **Site ID:** 243

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual						x		
Native Perennial			x					
Exotic Perennial	x							
II - Forb								
Annual			x					
Perennial			x					
III - Shrub						x		
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust		x						

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants							x	
II - Standing Dead Vegetation			x					
III - Litter (in contact w/ the soil surface)					x			
IV - Biological Crust		x						
V - Rock/Gravel			x					
VI - Bare Ground			x					

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☐ or weig ☐

Dominant Species on Site

1 Artemisia tridentata
2 Bromus tectorum
3
4

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1 Bromus tectorum
2 Ranunculus testiculatus
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2
3

Annual Forbs

1
2
3

Perennial Grasses

1 Poa bulbosa
2 Poa secunda
3

Perennial Forbs

1 Lomatium
2 Phlox hoodii
3 Astragalus
4 Amsinckia

Shrubs and Trees

1
2
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1
2
3

Cover Worksheet

State: Oregon **Office:** _____ **Ecological Site:** Inter-Mountain Basin Big Sage Shrubland

Observer(s): TJ **Date:** 6/4/2011 **Site ID:** 64-1

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual		x						
Native Perennial			x					
Exotic Perennial							x	
II - Forb								
Annual		x						
Perennial		x						
III - Shrub				x				
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust	x							

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants						x		
II - Standing Dead Vegetation	x							
III - Litter (in contact w/ the soil surface)					x			
IV - Biological Crust	x							
V - Rock/Gravel		x						
VI - Bare Ground					x			

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐ .

Dominant Species on Site

1 Artemisia tridentata
2 Poa bulbosa
3 Pseudoroegneria spicata
4

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1 Poa bulbosa
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☑ or weight ☐ by life form.

Annual Grasses

1
2
3

Annual Forbs

1 Sisymbrium altissimum
2
3

Perennial Grasses

1 Poa bulbosa
2 Agropyron cristatum
3 Nassella viridula

Perennial Forbs

1 Comandra umbellata
2 Crepis acuminata
3 Balsamorhiza sagittata

Shrubs and Trees

1 Artemisia tridentata
2
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1
2
3

Cover Worksheet

State: Oregon **Office:** _____ **Ecological Site:** Inter-Mountain Basin Big Sage Shrubland

Observer(s): TJ **Date:** 6/5/2011 **Site ID:** 65-1

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual					x			
Native Perennial				x				
Exotic Perennial					x			
II - Forb								
Annual		x						
Perennial		x						
III - Shrub						x		
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust	x							

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants							x	
II - Standing Dead Vegetation		x						
III - Litter (in contact w/ the soil surface)				x				
IV - Biological Crust	x							
V - Rock/Gravel		x						
VI - Bare Ground					x			

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)

The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐ .

Dominant Species on Site

1 Artemisia tridentata
2 Bromus tectorum
3 Poa bulbosa
4 Poa secunda

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1 Bromus tectorum
2 Poa bulbosa
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☑ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2
3

Annual Forbs

1 Ranunculus testiculatus
2
3

Perennial Grasses

1 Poa bulbosa
2 Poa secunda
3

Perennial Forbs

1 Agoseris glauca
2
3

Shrubs and Trees

1 Artemisia tridentata
2
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1
2
3

Cover Worksheet

State: Oregon **Office:** _____ **Ecological Site:** Inter-Mountain Basin Big Sage Shrubland

Observer(s): T Jones **Date:** 6/1/2011 **Site ID:** 038

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual						x		
Native Perennial				x				
Exotic Perennial	x							
II - Forb								
Annual		x						
Perennial		x						
III - Shrub				x				
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust		x						

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants						x		
II - Standing Dead Vegetation		x						
III - Litter (in contact w/ the soil surface)				x				
IV - Biological Crust		x						
V - Rock/Gravel			x					
VI - Bare Ground						x		

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Artemisia tridentata
2 Bromus tectorum
3 Descurainia
4 Pseudoroegneria spicata

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1 Bromus tectorum
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☑ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2
3

Annual Forbs

1 Descurainia
2
3

Perennial Grasses

1 Pseudoroegneria spicata
2 Sitanion hystrix
3 Poa secunda

Perennial Forbs

1 Phlox hoodii
2 Delphinium bicolor
3

Shrubs and Trees

1 Artemisia tridentata
2 Grayia spinosa
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 moss
2
3

Cover Worksheet

State: IDAHO **Office:** _____ **Ecological Site:** Inter-Mountain Basin Big Sage Shrubland

Observer(s): TJ **Date:** 5/13/2011 **Site ID:** 85

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual					x			
Native Perennial					x			
Exotic Perennial								
II - Forb								
Annual		x						
Perennial		x						
III - Shrub					x			
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust		x						

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants						x		
II - Standing Dead Vegetation		x						
III - Litter (in contact w/ the soil surface)		x						
IV - Biological Crust		x						
V - Rock/Gravel				x				
VI - Bare Ground							x	

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Bromus tectorum
2 Poa secunda
3 Artemisia tridentata
4

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1 Bromus tectorum
2 Ranunculus testiculatus
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☑ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2
3

Annual Forbs

1 Ranunculus testiculatus
2
3

Perennial Grasses

1 Poa secunda
2 Sitanion hystrix
3

Perennial Forbs

1 Phlox hoodii
2 Erigeron
3

Shrubs and Trees

1 Artemisia tridentata
2 Grayia spinosa
3 Picrothamnus desertorum

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 moss
2
3

Cover Worksheet

State: IDAHO **Office:** **Ecological Site:** Inter-Mountain Basin Big Sage Shrubland

Observer(s): TJ **Date:** 5/12/2011 **Site ID:** 55

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual							x	
Native Perennial				x				
Exotic Perennial								
II - Forb								
Annual	x							
Perennial		x						
III - Shrub					x			
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust		x						

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants							x	
II - Standing Dead Vegetation		x						
III - Litter (in contact w/ the soil surface)			x					
IV - Biological Crust		x						
V - Rock/Gravel			x					
VI - Bare Ground					x			

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☐ or weig ☐

Dominant Species on Site

1 Bromus tectorum
2 Poa secunda
3 Artemisia tridentata
4 Grayia spinosa

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1 Bromus tectorum
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2
3

Annual Forbs

1
2
3

Perennial Grasses

1 Poa secunda
2
3

Perennial Forbs

1 Delphinium bicolor
2
3

Shrubs and Trees

1 Artemisia tridentata
2 Grayia spinosa
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1
2
3

Cover Worksheet

State: IDAHO **Office:** _____ **Ecological Site:** Inter-Mountain Basin Big Sage Shrubland

Observer(s): TJ/MM **Date:** 5/14/2011 **Site ID:** 237

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual						x		
Native Perennial		x						
Exotic Perennial	x							
II - Forb								
Annual		x						
Perennial		x						
III - Shrub						x		
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust		x						

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants						x		
II - Standing Dead Vegetation		x						
III - Litter (in contact w/ the soil surface)				x				
IV - Biological Crust		x						
V - Rock/Gravel				x				
VI - Bare Ground					x			

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site
1 Artemisia tridentata
2 Bromus tectorum
3 Poa bulbosa
4

Noxious Weeds
1 Cardaria draba
2
3

Invasive Natives
1
2
3

Invasive Exotics
1 Bromus tectorum
2 Onopordum acanthium
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☑ or weight ☐ by life form.

Annual Grasses
1 Bromus tectorum
2 Poa bulbosa
3

Annual Forbs
1
2
3

Perennial Grasses
1 Poa secunda
2
3

Perennial Forbs
1 Perideridia gairdneri
2
3

Shrubs and Trees
1 Artemisia tridentata
2 Grayia spinosa
3

Succulents
1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)
1 moss
2
3

Cover Worksheet

State: IDAHO **Office:** _____ **Ecological Site:** Inter-Mountain Basin Big Sage Shrubland

Observer(s): TJ **Date:** 5/10/2011 **Site ID:** 6

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual								x
Native Perennial		x						
Exotic Perennial	x							
II - Forb								
Annual		x						
Perennial		x						
III - Shrub		x						
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust	x							

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants						x		
II - Standing Dead Vegetation		x						
III - Litter (in contact w/ the soil surface)					x			
IV - Biological Crust	x							
V - Rock/Gravel		x						
VI - Bare Ground					x			

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Bromus tectorum
2 Atriplex confertifolia
3 Picrothamnus desertorum
4 Poa secunda

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1 Bromus tectorum
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☑ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2
3

Annual Forbs

1 Descurainia
2
3

Perennial Grasses

1 Poa secunda
2
3

Perennial Forbs

1 Delphinium bicolor
2 Sphaeralcea munroana
3

Shrubs and Trees

1 Gravia spinosa
2 Picrothamnus desertorum
3 Artemisia tridentata
4 Atriplex confertifolia
5 Atriplex canescens

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1
2
3

Cover Worksheet

State: Oregon **Office:** **Ecological Site:** Inter-Mountain Basin Big Sage Shrubland

Observer(s): TJ **Date:** 5/15/2011 **Site ID:** 218

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual						x		
Native Perennial					x			
Exotic Perennial	x							
II - Forb								
Annual		x						
Perennial		x						
III - Shrub				x				
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust					x			

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants					x			
II - Standing Dead Vegetation		x						
III - Litter (in contact w/ the soil surface)			x					
IV - Biological Crust					x			
V - Rock/Gravel		x						
VI - Bare Ground						x		

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site
1 Bromus tectorum
2 Poa secunda
3 Artemisia tridentata
4

Noxious Weeds
1
2
3

Invasive Natives
1
2
3

Invasive Exotics
1 Bromus tectorum
2 Ranunculus testiculatus
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☑ or weight ☐ by life form.

Annual Grasses
1 Bromus tectorum
2
3

Annual Forbs
1 Ranunculus testiculatus
2
3

Perennial Grasses
1 Poa secunda
2 Sitanion hystrix
3

Perennial Forbs
1 Phlox hoodii
2
3

Shrubs and Trees
1 Artemisia tridentata
2 Grayia spinosa
3

Succulents
1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)
1 moss
2 lichen
3

Cover Worksheet

State: _____ **Office:** _____ **Ecological Site:** Inter-Mountain Basin Big Sage Shrubland

Observer(s): M. McClanahan **Date:** 5/12/2011 **Site ID:** 240.5

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual		x						
Native Perennial				x				
Exotic Perennial				x				
II - Forb								
Annual		x						
Perennial			x					
III - Shrub						x		
IV - Tree	x							
V - Succulent		x						
VI - Biological Crust		x						

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants						x		
II - Standing Dead Vegetation				x				
III - Litter (in contact w/ the soil surface)				x				
IV - Biological Crust		x						
V - Rock/Gravel					x			
VI - Bare Ground				x				

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)
-ESTIMATES

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Artemisia tridentata
2 Agropyron cristatum
3 Poa secunda
4

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1 Bromus tectorum
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2
3

Annual Forbs

1
2
3

Perennial Grasses

1 Poa secunda
2 Agropyron cristatum
3 Agropyron spicatum
4 Oryzopsis hymenoides

Perennial Forbs

1 Arenaria
2 Antennaria
3 Phlox hoodii

Shrubs and Trees

1 Elymus trachycaulus
2 Chrysothamnus viscidiflorus
3 Purshia tridentata

Succulents

1 Opuntia
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 moss
2
3

Cover Worksheet

State: _____ **Office:** _____ **Ecological Site:** Inter-Mountain Basin Big Sage Shrubland

Observer(s): M. McClanahan **Date:** 5/13/2011 **Site ID:** 238.5

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual					x			
Native Perennial		x						
Exotic Perennial	x							
II - Forb								
Annual		x						
Perennial			x					
III - Shrub					x			
IV - Tree	x							
V - Succulent		x						
VI - Biological Crust		x						

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants							x	
II - Standing Dead Vegetation		x						
III - Litter (in contact w/ the soil surface)					x			
IV - Biological Crust		x						
V - Rock/Gravel					x			
VI - Bare Ground			x					

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)
-ESTIMATES

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weight ☐.

Dominant Species on Site
1 Artemisia tridentata
2 Bromus tectorum
3 Poa secunda
4

Noxious Weeds
1 Cardaria draba
2
3

Invasive Natives
1 Cardaria draba
2
3

Invasive Exotics
1
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☑ or weight ☐ by life form.

Annual Grasses
1 Bromus tectorum
2
3

Annual Forbs
1
2
3

Perennial Grasses
1 Nasella viridula
2 Poa secunda
3

Perennial Forbs
1 Lupinus
2 Helianthus
3 Phlox hoodii

Shrubs and Trees
1 Artemisia tridentata
2
3

Succulents
1 Opuntia
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)
1 moss
2
3

Cover Worksheet

State: _____ **Office:** _____ **Ecological Site:** Inter-Mountain Basin Big Sage Shrubland

Observer(s): MM **Date:** 5/15/2011 **Site ID:** 3

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual					x			
Native Perennial		x						
Exotic Perennial	x							
II - Forb								
Annual								
Perennial			x					
III - Shrub					x			
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust		x						

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants						x		
II - Standing Dead Vegetation		x						
III - Litter (in contact w/ the soil surface)				x				
IV - Biological Crust	x							
V - Rock/Gravel				x				
VI - Bare Ground				x				

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)
-ESTIMATES

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Artemisia tridentata
2 Bromus tectorum
3 Poa bulbosa
4

Noxious Weeds

1 Cardaria draba
2
3

Invasive Natives

1
2
3

Invasive Exotics

1
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2
3

Annual Forbs

1 Ranunculus testiculatus
2
3

Perennial Grasses

1 Poa secunda
2 Poa bulbosa
3 Sitanion hystrix
4 Nasella viridula

Perennial Forbs

1 Lupinas
2 Crepis
3 Astragalus

Shrubs and Trees

1 Artemisia tridentata
2 Chrysothamnus viscidiflorus
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 less than 1
2
3

Cover Worksheet

State: IDAHO **Office:** **Ecological Site:** Inter-Mountain Basin Big Sage Shrubland

Observer(s): RS **Date:** 5/12/2011 **Site ID:** 51211-01

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual						x		
Native Perennial								
Exotic Perennial								
II - Forb								
Annual			x					
Perennial								
III - Shrub				x				
IV - Tree								
V - Succulent								
VI - Biological Crust								

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants				x				
II - Standing Dead Vegetation			x					
III - Litter (in contact w/ the soil surface)			x					
IV - Biological Crust			x					
V - Rock/Gravel				x				
VI - Bare Ground					x			

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Bromus tectorum
2 Artemisia tridentata
3 Tetradymia glabrata
4 Sarcobatus vermiculatus

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☑ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2
3

Annual Forbs

1 Ranunculus testiculatus
2 Erodium cicutarium
3 Lepidium

Perennial Grasses

1 Poa secunda
2 Sitanion hystrix
3

Perennial Forbs

1
2
3

Shrubs and Trees

1 Artemisia tridentata
2 Tetradymia glabrata
3 Sarcobatus vermiculatus

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 moss
2 lichen
3

Cover Worksheet

State: Oregon **Office:** _____ **Ecological Site:** Inter-Mountain Basin Big Sage Shrubland

Observer(s): RS **Date:** 6/5/2011 **Site ID:** 060511-08

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual				x				
Native Perennial				x				
Exotic Perennial		x						
II - Forb								
Annual			x					
Perennial				x				
III - Shrub					x			
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust			x					

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants					x			
II - Standing Dead Vegetation			x					
III - Litter (in contact w/ the soil surface)			x					
IV - Biological Crust			x					
V - Rock/Gravel					x			
VI - Bare Ground						x		

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Artemisia tridentata
2 Balsamorhiza sagittata
3 Bromus tectorum
4 Agropyron spicatum

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☑ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2
3

Annual Forbs

1 Ceratocephala testiculata
2 Amsinckia lycopsoides
3

Perennial Grasses

1 Agropyron spicatum
2 Poa secunda
3 Sitanion hystrix

Perennial Forbs

1 Balsamorhiza sagittata
2 Lupinus
3 Allium

Shrubs and Trees

1 Artemisia tridentata
2
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 lichen
2 moss
3

Cover Worksheet

State: Oregon **Office:** _____ **Ecological Site:** Inter-Mountain Basin Big Sage Shrubland

Observer(s): RS **Date:** 6/5/2011 **Site ID:** 060511-06

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual					x			
Native Perennial			x					
Exotic Perennial			x					
II - Forb								
Annual				x				
Perennial		x						
III - Shrub					x			
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust			x					

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants					x			
II - Standing Dead Vegetation			x					
III - Litter (in contact w/ the soil surface)				x				
IV - Biological Crust			x					
V - Rock/Gravel					x			
VI - Bare Ground						x		

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Artemisia tridentata
2 Bromus tectorum
3 Poa secunda
4 Lepidium perfoliatum

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☑ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2
3

Annual Forbs

1 Lepidium perfoliatum
2 Descurainia sophia
3 Ceratocephala testiculata

Perennial Grasses

1 Poa secunda
2 Agropyron cristatum
3 Sitanion hystrix

Perennial Forbs

1 Phlox hoodii
2
3

Shrubs and Trees

1 Artemisia tridentata
2
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 lichen
2 moss
3

Cover Worksheet

State: Oregon **Office:** _____ **Ecological Site:** Inter-Mountain Basin Big Sage Shrubland

Observer(s): RS **Date:** 6/4/2011 **Site ID:** 060411-07

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual				x				
Native Perennial		x						
Exotic Perennial	x							
II - Forb								
Annual			x					
Perennial	x							
III - Shrub					x			
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust			x					

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants				x				
II - Standing Dead Vegetation			x					
III - Litter (in contact w/ the soil surface)			x					
IV - Biological Crust			x					
V - Rock/Gravel					x			
VI - Bare Ground							x	

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Artemisia tridentata
2 Bromus tectorum
3 Sarcobatus vermiculatus
4 Lepidium perfoliatum

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2
3

Annual Forbs

1 Lepidium perfoliatum
2 Descurainia sophia
3 Sphaeralcea

Perennial Grasses

1 Agropyron cristatum
2 Sitanion hystrix
3

Perennial Forbs

1
2
3

Shrubs and Trees

1 Artemisia tridentata
2 Sarcobatus vermiculatus
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 lichen
2 moss
3

Cover Worksheet

State: Oregon **Office:** _____ **Ecological Site:** Inter-Mountain Basin Big Sage Shrubland

Observer(s): RS **Date:** 6/6/2011 **Site ID:** 060611-03

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual					x			
Native Perennial			x					
Exotic Perennial								
II - Forb								
Annual				x				
Perennial								
III - Shrub					x			
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust			x					

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants					x			
II - Standing Dead Vegetation			x					
III - Litter (in contact w/ the soil surface)				x				
IV - Biological Crust			x					
V - Rock/Gravel					x			
VI - Bare Ground					x			

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Bromus tectorum
2 Artemisia tridentata
3 Lepidium perfoliatum
4 Poa bulbosa

Noxious Weeds

1 Cardaria draba
2
3

Invasive Natives

1
2
3

Invasive Exotics

1
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☑ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2 Poa bulbosa
3

Annual Forbs

1 Lepidium perfoliatum
2 Sisymbrium altissimum
3

Perennial Grasses

1 Poa secunda
2
3

Perennial Forbs

1 Cardaria draba
2
3

Shrubs and Trees

1 Artemisia tridentata
2 Atriplex confertifolia
3 Chrysothamnus viscidiflorus

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 lichen
2 moss
3

Cover Worksheet

State: OREGON **Office:** **Ecological Site:** Inter-Mountain Basin Big Sage Shrubland

Observer(s): RS **Date:** 6/21/2011 **Site ID:** 062111-04

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual					x			
Native Perennial			x					
Exotic Perennial								
II - Forb								
Annual			x					
Perennial			x					
III - Shrub					x			
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust			x					

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants						x		
II - Standing Dead Vegetation				x				
III - Litter (in contact w/ the soil surface)				x				
IV - Biological Crust			x					
V - Rock/Gravel					x			
VI - Bare Ground						x		

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Bromus tectorum
2 Artemisia tridentata
3 Sarcobatus vermiculatus
4 Poa secunda

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☑ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2
3

Annual Forbs

1 Descurainia sophia
2 Ceratocephala testiculata
3

Perennial Grasses

1 Poa secunda
2 Sitanion hystrix
3

Perennial Forbs

1 Phlox hoodii
2 Sphaeralcea
3

Shrubs and Trees

1 Artemisia tridentata
2 Sarcobatus vermiculatus
3 Tetradymia glabrata

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 lichen
2
3

Cover Worksheet

State: Oregon **Office:** _____ **Ecological Site:** Inter-Mountain Basin Big Sage Shrubland

Observer(s): RS **Date:** 6/22/2011 **Site ID:** 062211-01

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual					x			
Native Perennial			x					
Exotic Perennial			x					
II - Forb								
Annual				x				
Perennial								
III - Shrub					x			
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust			x					

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants						x		
II - Standing Dead Vegetation			x					
III - Litter (in contact w/ the soil surface)			x					
IV - Biological Crust			x					
V - Rock/Gravel						x		
VI - Bare Ground						x		

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Bromus tectorum
2 Artemisia tridentata
3 Poa bulbosa
4 Sitanion hystrix

Noxious Weeds

1 Cardaria draba
2
3

Invasive Natives

1
2
3

Invasive Exotics

1
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☑ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2
3

Annual Forbs

1 Descurainia sophia
2 Amsinckia lycopsoides
3 Lepidium perfoliatum

Perennial Grasses

1 Poa bulbosa
2 Sitanion hystrix
3 Poa secunda

Perennial Forbs

1
2
3

Shrubs and Trees

1 Artemisia tridentata
2 Sarcobatus vermiculatus
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1
2
3

Cover Worksheet

State: Oregon **Office:** _____ **Ecological Site:** Inter-Mountain Basin Big Sage Shrubland

Observer(s): RS **Date:** 6/22/2011 **Site ID:** 062211-05

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual					x			
Native Perennial				x				
Exotic Perennial				x				
II - Forb								
Annual				x				
Perennial			x					
III - Shrub					x			
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust			x					

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants						x		
II - Standing Dead Vegetation				x				
III - Litter (in contact w/ the soil surface)				x				
IV - Biological Crust			x					
V - Rock/Gravel						x		
VI - Bare Ground						x		

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Poa bulbosa
2 Bromus tectorum
3 Artemisia tridentata
4 Sitanion hystrix

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☑ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2
3

Annual Forbs

1 Descurainia sophia
2 Lepidium perfoliatum
3 Sisymbrium altissimum

Perennial Grasses

1 Poa bulbosa
2 Sitanion hystrix
3 Agropyron spicatum

Perennial Forbs

1 Phlox hoodii
2 Allium
3

Shrubs and Trees

1 Artemisia tridentata
2
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 lichen
2
3

Cover Worksheet

State: Oregon **Office:** _____ **Ecological Site:** Inter-Mountain Basin Big Sage Shrubland

Observer(s): RS **Date:** 6/23/2011 **Site ID:** 062311-01

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual					x			
Native Perennial				x				
Exotic Perennial	x							
II - Forb								
Annual			x					
Perennial			x					
III - Shrub					x			
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust			x					

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants						x		
II - Standing Dead Vegetation			x					
III - Litter (in contact w/ the soil surface)				x				
IV - Biological Crust			x					
V - Rock/Gravel				x				
VI - Bare Ground					x			

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Bromus tectorum
2 Artemisia tridentata
3 Balsamorhiza sagittata
4 Lupinus

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☑ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2
3

Annual Forbs

1 Thlaspi arvense
2 Ceratocephala testiculata
3

Perennial Grasses

1 Pseudoroegneria spicata
2 Poa bulbosa
3 Sitanion hystrix

Perennial Forbs

1 Balsamorhiza sagittata
2 Lupinus
3 Phlox hoodii

Shrubs and Trees

1 Artemisia tridentata
2
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 lichen
2
3

Cover Worksheet

State: Oregon **Office:** **Ecological Site:** Inter-Mountain Basin Big Sage Shrubland

Observer(s): RS **Date:** 6/27/2011 **Site ID:** 062711-03

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual					x			
Native Perennial			x					
Exotic Perennial				x				
II - Forb								
Annual					x			
Perennial			x					
III - Shrub					x			
IV - Tree		x						
V - Succulent	x							
VI - Biological Crust			x					

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants						x		
II - Standing Dead Vegetation			x					
III - Litter (in contact w/ the soil surface)				x				
IV - Biological Crust			x					
V - Rock/Gravel				x				
VI - Bare Ground						x		

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Bromus tectorum
2 Artemisia tridentata
3 Poa bulbosa
4 Erodium cicutarium

Noxious Weeds

1 Cardaria draba
2 Convolvulus arvensis
3 Onopordum acanthium
4 Taeniatherum caput-medusae

Invasive Natives

1
2
3

Invasive Exotics

1
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☑ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2
3

Annual Forbs

1 Erodium cicutarium
2 Plantago patagonica
3

Perennial Grasses

1 Poa bulbosa
2 Sitanion hystrix
3 Poa secunda

Perennial Forbs

1 Lupinus
2 Balsamorhiza sagittata
3

Shrubs and Trees

1 Artemisia tridentata
2 Juniperus
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 lichen
2
3

Cover Worksheet

State: Oregon **Office:** _____ **Ecological Site:** Inter-Mountain Basin Big Sage Shrubland

Observer(s): RS **Date:** 6/27/2011 **Site ID:** 062711-10

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual					x			
Native Perennial				x				
Exotic Perennial				x				
II - Forb								
Annual				x				
Perennial			x					
III - Shrub					x			
IV - Tree				x				
V - Succulent	x							
VI - Biological Crust			x					

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants				x				
II - Standing Dead Vegetation				x				
III - Litter (in contact w/ the soil surface)				x				
IV - Biological Crust			x					
V - Rock/Gravel						x		
VI - Bare Ground						x		

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site
1 Bromus tectorum
2 Artemisia tridentata
3 Pseudoroegneria spicata
4 Festuca

Noxious Weeds
1 Cardaria draba
2 Taeniatherum caput-medusae
3

Invasive Natives
1
2
3

Invasive Exotics
1
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☑ or weight ☐ by life form.

Annual Grasses
1 Bromus tectorum
2
3

Annual Forbs
1 Plantago patagonica
2 Thlaspi arvense
3 Epilobium

Perennial Grasses
1 Pseudoroegneria spicata
2 Festuca
3 Poa bulbosa

Perennial Forbs
1 Phlox hoodii
2 Lupinus
3 Aster

Shrubs and Trees
1 Artemisia tridentata
2 Juniperus
3 Sarcobatus vermiculatus

Succulents
1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)
1 moss
2 lichen
3

Cover Worksheet

State: Oregon **Office:** _____ **Ecological Site:** Inter-Mountain Basin Big Sage Shrubland

Observer(s): RS **Date:** 6/28/2011 **Site ID:** 062811-01

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual						x		
Native Perennial			x					
Exotic Perennial				x				
II - Forb								
Annual				x				
Perennial			x					
III - Shrub					x			
IV - Tree		x						
V - Succulent	x							
VI - Biological Crust			x					

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants					x			
II - Standing Dead Vegetation				x				
III - Litter (in contact w/ the soil surface)				x				
IV - Biological Crust			x					
V - Rock/Gravel					x			
VI - Bare Ground						x		

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Bromus tectorum
2 Artemisia tridentata
3 Plantago patagonica
4 Poa bulbosa

Noxious Weeds

1 Taeniatherum caput-medusae
2 Cardaria draba
3

Invasive Natives

1
2
3

Invasive Exotics

1
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☑ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2
3

Annual Forbs

1 Plantago patagonica
2 Descurainia sophia
3 Lepidium perfoliatum

Perennial Grasses

1 Poa bulbosa
2 Sitanion hystrix
3 Rosa woodsii

Perennial Forbs

1 Erigeron pumilus
2 Lupinus
3 Achillea millefolium

Shrubs and Trees

1 Artemisia tridentata
2 Juniperus
3 Chrysothamnus viscidiflorus

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 moss
2 lichen
3

Cover Worksheet

State: Oregon **Office:** _____ **Ecological Site:** Inter-Mountain Basin Big Sage Shrubland

Observer(s): RS **Date:** 6/28/2011 **Site ID:** 062811-09

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual				x				
Native Perennial				x				
Exotic Perennial				x				
II - Forb								
Annual				x				
Perennial				x				
III - Shrub					x			
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust			x					

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants					x			
II - Standing Dead Vegetation				x				
III - Litter (in contact w/ the soil surface)				x				
IV - Biological Crust			x					
V - Rock/Gravel						x		
VI - Bare Ground						x		

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Artemisia tridentata
2 Poa bulbosa
3 Bromus tectorum
4 Festuca

Noxious Weeds

1 Cardaria draba
2
3

Invasive Natives

1
2
3

Invasive Exotics

1
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☑ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2 Bromus brizaeformis
3

Annual Forbs

1 Thlaspi arvense
2 Plantago patagonica
3

Perennial Grasses

1 Poa bulbosa
2 Festuca
3 Pseudoroegneria spicata

Perennial Forbs

1 Balsamorhiza sagittata
2 Phlox hoodii
3 Lupinus

Shrubs and Trees

1 Artemisia tridentata
2 Artemisia frigida
3 Chrysothamnus viscidiflorus

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 moss
2 lichen
3

Cover Worksheet

State: Oregon **Office:** _____ **Ecological Site:** Inter-Mountain Basin Big Sage Shrubland

Observer(s): RS **Date:** 6/2/2011 **Site ID:** 060211-07

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual				x				
Native Perennial			x					
Exotic Perennial	x							
II - Forb								
Annual				x				
Perennial		x						
III - Shrub					x			
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust			x					

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants					x			
II - Standing Dead Vegetation			x					
III - Litter (in contact w/ the soil surface)			x					
IV - Biological Crust			x					
V - Rock/Gravel						x		
VI - Bare Ground						x		

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Artemisia tridentata
2 Lepidium perfoliatum
3 Bromus tectorum
4 Poa secunda

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☑ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2
3

Annual Forbs

1 Lepidium perfoliatum
2 Ceratocephala testiculata
3 Thlaspi arvense

Perennial Grasses

1 Poa secunda
2 Sitanion hystrix
3

Perennial Forbs

1
2
3

Shrubs and Trees

1 Artemisia tridentata
2 Sarcobatus vermiculatus
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 moss
2 lichen
3

Cover Worksheet

State: _____ **Office:** _____ **Ecological Site:** Inter-Mountain Basin Big Sage Shrubland

Observer(s): MM **Date:** 5/24/2011 **Site ID:** 24-6

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual						x		
Native Perennial			x					
Exotic Perennial	x							
II - Forb								
Annual		x						
Perennial		x						
III - Shrub					x			
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust				x				

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants						x		
II - Standing Dead Vegetation			x					
III - Litter (in contact w/ the soil surface)				x				
IV - Biological Crust			x					
V - Rock/Gravel				x				
VI - Bare Ground				x				

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover or weig ☐ ☐

Dominant Species on Site

1 Artemisia tridentata
2 Poa secunda
3 Poa bulbosa
4

Noxious Weeds

1
2
3

Invasive Natives

1 Descurainia pinnata
2
3

Invasive Exotics

1 Bromus tectorum
2
3

Part 2 (Optional) **Dominant Species by Life Form**

☐ ☐

The most common species are ranked according to dominance using cover or weight by life form.

Annual Grasses

1 Bromus tectorum
2
3

Annual Forbs

1 Descurainia pinnata
2
3

Perennial Grasses

1 Poa secunda
2 Nassella viridula
3

Perennial Forbs

1 Phlox hoodii
2
3

Shrubs and Trees

1 Artemisia tridentata
2 Atriplex collina
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 moss
2
3

Cover Worksheet

State: Oregon **Office:** _____ **Ecological Site:** Inter-Mountain Basin Big Sage Shrubland

Observer(s): TJ **Date:** 6/4/2011 **Site ID:** 64-2

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual		x						
Native Perennial			x					
Exotic Perennial					x			
II - Forb								
Annual		x						
Perennial		x						
III - Shrub				x				
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust			x					

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants					x			
II - Standing Dead Vegetation	x							
III - Litter (in contact w/ the soil surface)				x				
IV - Biological Crust			x					
V - Rock/Gravel		x						
VI - Bare Ground							x	

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site
1 Artemisia tridentata
2 Poa bulbosa
3 Poa secunda
4

Noxious Weeds
1
2
3

Invasive Natives
1
2
3

Invasive Exotics
1 Bromus tectorum
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☑ or weight ☐ by life form.

Annual Grasses
1 Bromus tectorum
2
3

Annual Forbs
1
2
3

Perennial Grasses
1 Poa bulbosa
2 Poa secunda
3

Perennial Forbs
1 Lupinus sulphureus
2 Allium acuminatum
3

Shrubs and Trees
1 Artemisia tridentata
2
3

Succulents
1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)
1 moss
2
3

Cover Worksheet

State: _____ **Office:** _____ **Ecological Site:** Inter-Mountain Basin Big Sage Shrubland

Observer(s): MM **Date:** 7/17/2011 **Site ID:** 7/17-1

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual					x			
Native Perennial				x				
Exotic Perennial				x				
II - Forb								
Annual				x				
Perennial			x					
III - Shrub							x	
IV - Tree	x							
V - Succulent		x						
VI - Biological Crust								

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants							x	
II - Standing Dead Vegetation		x						
III - Litter (in contact w/ the soil surface)			x					
IV - Biological Crust				x				
V - Rock/Gravel		x						
VI - Bare Ground				x				

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Artemisia tridentata
2 Poa secunda
3 Aster
4 Festuca idahoensis

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1 Poa bulbosa
2 Bromus tectorum
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☑ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2 Vulpia
3

Annual Forbs

1 miscellaneous
2
3

Perennial Grasses

1 Poa bulbosa
2 Poa secunda
3 Stipa comata
4 Oryzopsis hymenoides
5 Sitanion hystrix
6 Agropyron crista
7 Festuca idahoen

Perennial Forbs

1 Achillea millefolium
2 Aster
3 Astragalus

Shrubs and Trees

1 Artemisia tridentata
2 Tetradymia
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 moss
2
3

Cover Worksheet

State: _____ **Office:** _____ **Ecological Site:** Inter-Mountain Basin Big Sage Shrubland

Observer(s): MM **Date:** 7/18/2011 **Site ID:** 7/18-1

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual						x		
Native Perennial		x						
Exotic Perennial	x							
II - Forb								
Annual			x					
Perennial	x							
III - Shrub							x	
IV - Tree	x							
V - Succulent		x						
VI - Biological Crust		x						

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants								x
II - Standing Dead Vegetation		x						
III - Litter (in contact w/ the soil surface)				x				
IV - Biological Crust		x						
V - Rock/Gravel				x				
VI - Bare Ground				x				

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☐ or weig ☐

Dominant Species on Site

1 Artemisia tridentata
2 Bromus tectorum
3
4

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1 Bromus tectorum
2 Bromus sterilis
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2 Bromus sterilis
3

Annual Forbs

1 Tragopogon
2 Sinapis
3

Perennial Grasses

1 Poa secunda
2
3

Perennial Forbs

1
2
3

Shrubs and Trees

1 Artemisia tridentata
2 Tetradymia
3 Chrysothamnus nauseosus

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1
2
3

Cover Worksheet

State: _____ **Office:** _____ **Ecological Site:** Inter-Mountain Basin Big Sage Shrubland

Observer(s): MM **Date:** 7/18/2011 **Site ID:** 7/18-9

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual						x		
Native Perennial				x				
Exotic Perennial			x					
II - Forb								
Annual				x				
Perennial				x				
III - Shrub							x	
IV - Tree	x							
V - Succulent		x						
VI - Biological Crust			x					

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants							x	
II - Standing Dead Vegetation		x						
III - Litter (in contact w/ the soil surface)		x						
IV - Biological Crust			x					
V - Rock/Gravel				x				
VI - Bare Ground				x				

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Artemisia tridentata
2 Bromus tectorum
3 Poa secunda
4

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1 Bromus tectorum
2 Hordeum jubatum
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2 Hordeum jubatum
3

Annual Forbs

1 Sinapis
2
3

Perennial Grasses

1 Poa secunda
2 Poa bulbosa
3 Festuca idahoensis
4 Nassella viridula

Perennial Forbs

1 Aster
2
3

Shrubs and Trees

1 Artemisia tridentata
2
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 moss
2
3

Cover Worksheet

State: _____ **Office:** _____ **Ecological Site:** Inter-Mountain Basin Big Sage Shrubland

Observer(s): MM **Date:** 7/18/2011 **Site ID:** 7/18-13

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual								
Native Perennial								
Exotic Perennial								
II - Forb								
Annual		x						
Perennial						x		
III - Shrub						x		
IV - Tree	x							
V - Succulent		x						
VI - Biological Crust						x		

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants						x		
II - Standing Dead Vegetation		x						
III - Litter (in contact w/ the soil surface)		x						
IV - Biological Crust						x		
V - Rock/Gravel				x				
VI - Bare Ground				x				

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☐ or weig ☐

Dominant Species on Site

1 Artemisia tridentata
2 Festuca idahoensis
3 Poa secunda
4

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses

1
2
3

Annual Forbs

1
2
3

Perennial Grasses

1 Festuca idahoensis
2 Poa secunda
3 Nassella viridula

Perennial Forbs

1 Aster
2
3

Shrubs and Trees

1 Artemisia tridentata
2 Tetradymia
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 moss
2
3

Cover Worksheet

State: _____ **Office:** _____ **Ecological Site:** Inter-Mountain Basin Big Sage Shrubland

Observer(s): MM **Date:** 7/19/2011 **Site ID:** 7/19-6

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual		x						
Native Perennial						x		
Exotic Perennial	x							
II - Forb								
Annual		x						
Perennial		x						
III - Shrub								
IV - Tree	x				x			
V - Succulent		x						
VI - Biological Crust					x			

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants							x	
II - Standing Dead Vegetation		x						
III - Litter (in contact w/ the soil surface)		x						
IV - Biological Crust					x			
V - Rock/Gravel				x				
VI - Bare Ground			x					

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Artemisia tridentata
2 Festuca idahoensis
3
4

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☑ or weight ☐ by life form.

Annual Grasses

1
2
3

Annual Forbs

1 Sinapis
2
3

Perennial Grasses

1 Festuca idahoensis
2 Nassella viridula
3 Poa secunda

Perennial Forbs

1 Aster
2 Lupinus
3 Orthocarpus

Shrubs and Trees

1 Artemisia tridentata
2 Tetradymia
3 Purshia tridentata

Succulents

1 Opuntia
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 moss
2
3

Cover Worksheet

State: _____ **Office:** _____ **Ecological Site:** Inter-Mountain Basin Big Sage Shrubland

Observer(s): MM **Date:** 7/19/2011 **Site ID:** 7/19-5

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual		x						
Native Perennial						x		
Exotic Perennial	x							
II - Forb								
Annual		x						
Perennial		x						
III - Shrub					x			
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust						x		

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants							x	
II - Standing Dead Vegetation		x						
III - Litter (in contact w/ the soil surface)		x						
IV - Biological Crust								
V - Rock/Gravel		x				x		
VI - Bare Ground				x				

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☐ or weig ☐

Dominant Species on Site

1 Artemisia tridentata
2 Poa secunda
3
4

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses

1
2
3

Annual Forbs

1
2
3

Perennial Grasses

1 Poa secunda
2 Nassella viridula
3 Festuca idahoensis

Perennial Forbs

1 Aster
2 Achillea millefolium
3 Tragopogon

Shrubs and Trees

1 Artemisia tridentata
2
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 moss
2
3

Cover Worksheet

State: _____ **Office:** _____ **Ecological Site:** Inter-Mountain Basin Big Sage Shrubland

Observer(s): MM **Date:** 7/19/2011 **Site ID:** 7/19-1

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual						x		
Native Perennial			x					
Exotic Perennial	x							
II - Forb								
Annual			x					
Perennial			x					
III - Shrub							x	
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust				x				

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants							x	
II - Standing Dead Vegetation		x						
III - Litter (in contact w/ the soil surface)			x					
IV - Biological Crust				x				
V - Rock/Gravel			x					
VI - Bare Ground				x				

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☐ or weig ☐

Dominant Species on Site
1 Artemisia tridentata
2 Bromus tectorum
3
4

Noxious Weeds
1
2
3

Invasive Natives
1
2
3

Invasive Exotics
1 Bromus tectorum
2 Hordeum jubatum
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses
1 Bromus tectorum
2 Hordeum jubatum
3

Annual Forbs
1 Descurainia pinnata
2
3

Perennial Grasses
1 Poa bulbosa
2 Poa secunda
3 Festuca idahoensis

Perennial Forbs
1 Achillea millefolium
2 Aster
3 Lupinus

Shrubs and Trees
1 Artemisia tridentata
2 Tetradymia
3 Chrysothamnus nauseosus

Succulents
1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)
1 moss
2
3

Cover Worksheet

State: _____ **Office:** _____ **Ecological Site:** Inter-Mountain Basin Big Sage Shrubland

Observer(s): MM **Date:** 7/20/2011 **Site ID:** 7/20-11

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual		x						
Native Perennial				x				
Exotic Perennial					x			
II - Forb								
Annual		x						
Perennial		x						
III - Shrub							x	
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust			x					

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants							x	
II - Standing Dead Vegetation		x						
III - Litter (in contact w/ the soil surface)			x					
IV - Biological Crust			x					
V - Rock/Gravel			x					
VI - Bare Ground					x			

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Agropyron cristatum
2 Artemisia tridentata
3 Chrysothamnus viscidiflorus
4 Poa secunda

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1 Bromus tectorum
2 Hordeum jubatum
3 Agropyron cristatum

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☑ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2 Hordeum jubatum
3

Annual Forbs

1 Sinapis
2
3

Perennial Grasses

1 Agropyron cristatum
2 Poa secunda
3

Perennial Forbs

1 Aster
2 Lupinus
3

Shrubs and Trees

1 Artemisia tridentata
2 Chrysothamnus viscidiflorus
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 moss
2
3

Cover Worksheet

State: Oregon **Office:** _____ **Ecological Site:** Inter-Mountain Basin Big Sage Shrubland

Observer(s): TJ **Date:** 6/8/2011 **Site ID:** 68-11

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual						x		
Native Perennial		x						
Exotic Perennial				x				
II - Forb								
Annual								
Perennial								
III - Shrub				x				
IV - Tree								
V - Succulent								
VI - Biological Crust								

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants						x		
II - Standing Dead Vegetation	x							
III - Litter (in contact w/ the soil surface)					x			
IV - Biological Crust	x							
V - Rock/Gravel		x						
VI - Bare Ground							x	

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site
1 Artemisia tridentata
2 Bromus tectorum
3 Poa bulbosa
4

Noxious Weeds
1
2
3

Invasive Natives
1
2
3

Invasive Exotics
1 Bromus tectorum
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☑ or weight ☐ by life form.

Annual Grasses
1 Bromus tectorum
2
3

Annual Forbs
1 Melilotus officinalis
2
3

Perennial Grasses
1 Poa bulbosa
2 Sitanion hystrix
3

Perennial Forbs
1 Erodium cicutarium
2
3

Shrubs and Trees
1 Artemisia tridentata
2 Chrysothamnus nauseosus
3

Succulents
1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)
1
2
3

Cover Worksheet

State: Oregon **Office:** _____ **Ecological Site:** Inter-Mountain Basin Big Sage Shrubland

Observer(s): TJ **Date:** _____ **Site ID:** _____

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual								
Native Perennial								
Exotic Perennial								
II - Forb								
Annual								
Perennial								
III - Shrub								
IV - Tree								
V - Succulent								
VI - Biological Crust								

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants								
II - Standing Dead Vegetation								
III - Litter (in contact w/ the soil surface)								
IV - Biological Crust								
V - Rock/Gravel								
VI - Bare Ground								

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover or weig ☐ ☐

Dominant Species on Site

1 _____
2 _____
3 _____
4 _____

Noxious Weeds

1 _____
2 _____
3 _____

Invasive Natives

1 _____
2 _____
3 _____

Invasive Exotics

1 _____
2 _____
3 _____

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses

1 _____
2 _____
3 _____

Annual Forbs

1 _____
2 _____
3 _____

Perennial Grasses

1 _____
2 _____
3 _____

Perennial Forbs

1 _____
2 _____
3 _____

Shrubs and Trees

1 _____
2 _____
3 _____

Succulents

1 _____
2 _____
3 _____

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 _____
2 _____
3 _____

Cover Worksheet

State: _____ **Office:** _____ **Ecological Site:** Inter-Mountain Basin Big Sage Shrubland

Observer(s): MM _____ **Date:** _____ **Site ID:** _____

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual								
Native Perennial								
Exotic Perennial								
II - Forb								
Annual								
Perennial								
III - Shrub								
IV - Tree								
V - Succulent								
VI - Biological Crust								

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants								
II - Standing Dead Vegetation								
III - Litter (in contact w/ the soil surface)								
IV - Biological Crust								
V - Rock/Gravel								
VI - Bare Ground								

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover or weig ☐ ☐

Dominant Species on Site

1 _____
2 _____
3 _____
4 _____

Noxious Weeds

1 _____
2 _____
3 _____

Invasive Natives

1 _____
2 _____
3 _____

Invasive Exotics

1 _____
2 _____
3 _____

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses

1 _____
2 _____
3 _____

Annual Forbs

1 _____
2 _____
3 _____

Perennial Grasses

1 _____
2 _____
3 _____

Perennial Forbs

1 _____
2 _____
3 _____

Shrubs and Trees

1 _____
2 _____
3 _____

Succulents

1 _____
2 _____
3 _____

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 _____
2 _____
3 _____

Cover Worksheet

Inter-Mountain Basin

State: Oregon **Office:** **Ecological Site:** Cliff Canyon

Observer(s): TJ **Date:** 6/3/2011 **Site ID:** 63-3

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual					x			
Native Perennial					x			
Exotic Perennial	x							
II - Forb								
Annual			x					
Perennial			x					
III - Shrub			x					
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust		x						

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants						x		
II - Standing Dead Vegetation		x						
III - Litter (in contact w/ the soil surface)			x					
IV - Biological Crust		x						
V - Rock/Gravel					x			
VI - Bare Ground						x		

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover or weig ☑ ☐

Dominant Species on Site

1 Artemisia tridentata
2 Bromus tectorum
3 Leymus cinereus
4 Pseudoroegneria spicata

Noxious Weeds

1 Onopordum acanthium
2
3

Invasive Natives

1
2
3

Invasive Exotics

1 Bromus tectorum
2
3

Part 2 (Optional) **Dominant Species by Life Form**
The most common species are ranked according to dominance using cover or ☑ ght by li☐ form.

Annual Grasses

1 Bromus tectorum
2
3

Annual Forbs

1 Descurainia
2 Erodium cicutarium
3

Perennial Grasses

1 Leymus cinereus
2 Poa secunda
3 Pseudoroegneria spicata
4 Nassella viridula

Perennial Forbs

1 Amsinckia
2 Penstemon
3

Shrubs and Trees

1 Artemisia tridentata
2 Chrysothamnus nauseosus
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 moss
2
3

Cover Worksheet

Inter-Mountain Basins

State: Oregon **Office:** **Ecological Site:** Alkaline Closed Depression

Observer(s): Ansari **Date:** 7/22/2011 **Site ID:** 20110722-4

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual							x	
Native Perennial			x					
Exotic Perennial		x						
II - Forb								
Annual								x
Perennial			x					
III - Shrub	x							
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust	x							

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants								x
II - Standing Dead Vegetation		x						
III - Litter (in contact w/ the soil surface)		x						
IV - Biological Crust	x							
V - Rock/Gravel			x					
VI - Bare Ground		x						

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☐ or weig ☐

Dominant Species on Site

1 Carex _____
2 _____
3 _____
4 _____

Noxious Weeds

1 _____
2 _____
3 _____

Invasive Natives

1 _____
2 _____
3 _____

Invasive Exotics

1 _____
2 _____
3 _____

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses

1 _____
2 _____
3 _____

Annual Forbs

1 _____
2 _____
3 _____

Perennial Grasses

1 _____
2 _____
3 _____

Perennial Forbs

1 _____
2 _____
3 _____

Shrubs and Trees

1 _____
2 _____
3 _____

Succulents

1 _____
2 _____
3 _____

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 _____
2 _____
3 _____

Cover Worksheet

State: Oregon **Office:** _____ **Ecological Site:** Inter-Mountain Basins Big Sage Steppe

Observer(s): Ansari **Date:** 7/25/2011 **Site ID:** 20110725-3

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual					x			
Native Perennial						x		
Exotic Perennial	x							
II - Forb								
Annual						x		
Perennial		x						
III - Shrub						x		
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust			x					

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants							x	
II - Standing Dead Vegetation			x					
III - Litter (in contact w/ the soil surface)			x					
IV - Biological Crust			x					
V - Rock/Gravel				x				
VI - Bare Ground				x				

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☐ or weig ☐

Dominant Species on Site

1 Artemisia tridentata
2 Poa secunda
3
4

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1 Bromus tectorum
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses

1
2
3

Annual Forbs

1
2
3

Perennial Grasses

1
2
3

Perennial Forbs

1
2
3

Shrubs and Trees

1
2
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1
2
3

Cover Worksheet

State: Oregon **Office:** **Ecological Site:** Inter-Mountain Basins Big Sage Steppe

Observer(s): Ansari **Date:** 7/25/2011 **Site ID:** 20110725-01

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual				x				
Native Perennial						x		
Exotic Perennial	x							
II - Forb								
Annual							x	
Perennial		x						
III - Shrub						x		
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust			x					

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants							x	
II - Standing Dead Vegetation			x					
III - Litter (in contact w/ the soil surface)				x				
IV - Biological Crust			x					
V - Rock/Gravel			x					
VI - Bare Ground				x				

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☐ or weig ☐

Dominant Species on Site

1 Artemisia tridentata
2 Poa secunda
3 Elymus elymoides
4 _____

Noxious Weeds

1 _____
2 _____
3 _____

Invasive Natives

1 _____
2 _____
3 _____

Invasive Exotics

1 _____
2 _____
3 _____

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses

1 _____
2 _____
3 _____

Annual Forbs

1 _____
2 _____
3 _____

Perennial Grasses

1 _____
2 _____
3 _____

Perennial Forbs

1 _____
2 _____
3 _____

Shrubs and Trees

1 _____
2 _____
3 _____

Succulents

1 _____
2 _____
3 _____

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 _____
2 _____
3 _____

Cover Worksheet

State: Oregon **Office:** _____ **Ecological Site:** Inter-Mountain Basins Big Sage Steppe

Observer(s): Ansari **Date:** 7/25/2011 **Site ID:** 20110725-6

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual					x			
Native Perennial						x		
Exotic Perennial		x						
II - Forb								
Annual							x	
Perennial			x					
III - Shrub						x		
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust			x					

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants							x	
II - Standing Dead Vegetation			x					
III - Litter (in contact w/ the soil surface)				x				
IV - Biological Crust			x					
V - Rock/Gravel			x					
VI - Bare Ground			x					

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☐ or weig ☐

Dominant Species on Site

1 Artemisia tridentata
2 Poa secunda
3
4

Noxious Weeds

1 Cirsium arvense
2
3

Invasive Natives

1
2
3

Invasive Exotics

1 Bromus tectorum
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses

1
2
3

Annual Forbs

1
2
3

Perennial Grasses

1
2
3

Perennial Forbs

1
2
3

Shrubs and Trees

1
2
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1
2
3

Cover Worksheet

State: Oregon **Office:** _____ **Ecological Site:** Inter-Mountain Basins Big Sage Steppe

Observer(s): Ansari **Date:** 7/24/2011 **Site ID:** 20110724-9

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual							x	
Native Perennial					x			
Exotic Perennial	x							
II - Forb								
Annual							x	
Perennial			x					
III - Shrub						x		
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust			x					

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants								x
II - Standing Dead Vegetation			x					
III - Litter (in contact w/ the soil surface)			x					
IV - Biological Crust			x					
V - Rock/Gravel			x					
VI - Bare Ground				x				

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☐ or weig ☐

Dominant Species on Site

1 Artemisia tridentata
2 Poa secunda
3
4

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1 Bromus tectorum
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses

1
2
3

Annual Forbs

1
2
3

Perennial Grasses

1
2
3

Perennial Forbs

1
2
3

Shrubs and Trees

1
2
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1
2
3

Cover Worksheet

State: Oregon **Office:** _____ **Ecological Site:** Inter-Mountain Basins Big Sage Steppe

Observer(s): Ansari **Date:** 7/24/2011 **Site ID:** 20110724-5

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual							x	
Native Perennial					x			
Exotic Perennial	x							
II - Forb								
Annual							x	
Perennial			x					
III - Shrub						x		
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust			x					

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants								x
II - Standing Dead Vegetation			x					
III - Litter (in contact w/ the soil surface)			x					
IV - Biological Crust			x					
V - Rock/Gravel			x					
VI - Bare Ground				x				

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☐ or weig ☐

Dominant Species on Site

1 Artemisia tridentata
2 Poa secunda
3 Bromus tectorum
4 Agropyron cristatum

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1 Bromus tectorum
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses

1
2
3

Annual Forbs

1
2
3

Perennial Grasses

1
2
3

Perennial Forbs

1
2
3

Shrubs and Trees

1
2
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1
2
3

Cover Worksheet

State: _____ **Office:** _____ **Ecological Site:** Inter-Mountain Basins Big Sage Steppe

Observer(s): MM **Date:** 5/11/2011 **Site ID:** 1.6

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual				x				
Native Perennial				x				
Exotic Perennial		x						
II - Forb								
Annual		x						
Perennial		x						
III - Shrub			x					
IV - Tree	x							
V - Succulent		x						
VI - Biological Crust		x						

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants					x			
II - Standing Dead Vegetation		x						
III - Litter (in contact w/ the soil surface)			x					
IV - Biological Crust		x						
V - Rock/Gravel			x					
VI - Bare Ground							x	

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☐ or weig ☐

Dominant Species on Site

1 Agropyron cristatum
2 Oryzopsis hymenoides
3 Bromus tectorum
4

Noxious Weeds

1
2
3

Invasive Natives

1 Sinapis
2
3

Invasive Exotics

1
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2
3

Annual Forbs

1
2
3

Perennial Grasses

1 Oryzopsis hymenoides
2 Agropyron cristatum
3 Leymus triticoides
4 Poa Secunda

Perennial Forbs

1 Agoseris
2
3

Shrubs and Trees

1 Atriplex confertifolia
2 Artemisia tridentata
3 Chrysothamnus viscidiflorus

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 moss
2
3

Cover Worksheet

State: Oregon **Office:** **Ecological Site:** Inter-Mountain Basins Big Sage Steppe

Observer(s): Thad Jones **Date:** 4/7/2011 **Site ID:** 25.0

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual			x					
Native Perennial						x		
Exotic Perennial	x							
II - Forb								
Annual		x						
Perennial			x					
III - Shrub				x				
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust						x		

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants					x			
II - Standing Dead Vegetation		x						
III - Litter (in contact w/ the soil surface)			x					
IV - Biological Crust						x		
V - Rock/Gravel			x					
VI - Bare Ground			x					

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)
-ESTIMATES

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Poa secunda
2 Agropyron spicatum
3 Artemisia tridentata
4 Gutierrezia sarothrae

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1 Bromus tectorum
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2
3

Annual Forbs

1 Draba
2
3

Perennial Grasses

1 Poa secunda
2 Agropyron spicatum
3

Perennial Forbs

1 Lomatium macrocarpum
2 Astragalus
3 Phlox

Shrubs and Trees

1 Gutierrezia sarothrae
2 Artemisia tridentata
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 moss
2 lichen
3

Cover Worksheet

State: Oregon **Office:** _____ **Ecological Site:** Inter-Mountain Basins Big Sage Steppe

Observer(s): TJ **Date:** 6/8/2011 **Site ID:** 68-46

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual		x						
Native Perennial						x		
Exotic Perennial	x							
II - Forb								
Annual		x						
Perennial			x					
III - Shrub					x			
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust					x			

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants						x		
II - Standing Dead Vegetation	x							
III - Litter (in contact w/ the soil surface)			x					
IV - Biological Crust					x			
V - Rock/Gravel				x				
VI - Bare Ground					x			

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Artemisia tridentata
2 Pseudoroegneria spicata
3 Festuca idahoensis
4 Lupinus sulphureus

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1 Bromus tectorum
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☑ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2
3

Annual Forbs

1
2
3

Perennial Grasses

1 Pseudoroegneria spicata
2 Festuca idahoensis
3

Perennial Forbs

1 Lupinus sulphureus
2
3

Shrubs and Trees

1 Artemisia tridentata
2
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 moss
2
3

Cover Worksheet

State: Oregon **Office:** _____ **Ecological Site:** Inter-Mountain Basins Big Sage Steppe

Observer(s): TJ **Date:** 6/8/2011 **Site ID:** 68-33

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual				x				
Native Perennial					x			
Exotic Perennial					x			
II - Forb								
Annual		x						
Perennial		x						
III - Shrub				x				
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust	x							

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants						x		
II - Standing Dead Vegetation	x							
III - Litter (in contact w/ the soil surface)					x			
IV - Biological Crust	x							
V - Rock/Gravel	x							
VI - Bare Ground						x		

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover or weig ☐ ☐

Dominant Species on Site

1 Artemisia tridentata
2 Pseudoroegneria spicata
3 Poa bulbosa
4

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1 Bromus tectorum
2 Poa bulbosa
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2
3

Annual Forbs

1
2
3

Perennial Grasses

1 Pseudoroegneria spicata
2 Poa bulbosa
3

Perennial Forbs

1 Lupinus
2 Ericameria
3

Shrubs and Trees

1 Artemisia tridentata
2 Chrysothamnus nauseosus
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1
2
3

Cover Worksheet

State: Oregon **Office:** _____ **Ecological Site:** Inter-Mountain Basins Big Sage Steppe

Observer(s): TJ **Date:** 6/7/2011 **Site ID:** 67-59

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual					x			
Native Perennial					x			
Exotic Perennial				x				
II - Forb								
Annual		x						
Perennial		x						
III - Shrub			x					
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust	x							

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants						x		
II - Standing Dead Vegetation								
III - Litter (in contact w/ the soil surface)				x				
IV - Biological Crust	x							
V - Rock/Gravel	x							
VI - Bare Ground						x		

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Artemisia tridentata
2 Bromus tectorum
3 Poa secunda
4 Poa bulbosa

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1 Poa bulbosa
2 Bromus tectorum
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☑ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2
3

Annual Forbs

1
2
3

Perennial Grasses

1 Poa secunda
2 Poa bulbosa
3

Perennial Forbs

1 Crepis acuminata
2 Amsinckia
3

Shrubs and Trees

1 Artemisia tridentata
2 Chrysothamnus nauseosus
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1
2
3

Cover Worksheet

State: Oregon **Office:** _____ **Ecological Site:** Inter-Mountain Basins Big Sage Steppe

Observer(s): TJ **Date:** 6/6/2011 **Site ID:** 66-34

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual				x				
Native Perennial					x			
Exotic Perennial					x			
II - Forb								
Annual		x						
Perennial			x					
III - Shrub					x			
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust	x							

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants						x		
II - Standing Dead Vegetation	x							
III - Litter (in contact w/ the soil surface)				x				
IV - Biological Crust	x							
V - Rock/Gravel		x						
VI - Bare Ground						x		

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Artemisia tridentata
2 Poa secunda
3 Poa bulbosa
4 Bromus tectorum

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1 Poa bulbosa
2 Bromus tectorum
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☑ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2
3

Annual Forbs

1
2
3

Perennial Grasses

1 Poa secunda
2 Poa bulbosa
3

Perennial Forbs

1 Lupinus sulphureus
2 Balsamorhiza sagittata
3 Crepis acuminata

Shrubs and Trees

1 Artemisia tridentata
2 Artemisia rigida
3 Chrysothamnus nauseosus

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1
2
3

Cover Worksheet

State: Oregon **Office:** _____ **Ecological Site:** Inter-Mountain Basins Big Sage Steppe

Observer(s): TJ **Date:** 6/6/2011 **Site ID:** 66-26

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual		x						
Native Perennial					x			
Exotic Perennial					x			
II - Forb								
Annual		x						
Perennial		x						
III - Shrub				x				
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust	x							

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants						x		
II - Standing Dead Vegetation	x							
III - Litter (in contact w/ the soil surface)					x			
IV - Biological Crust	x							
V - Rock/Gravel		x						
VI - Bare Ground					x			

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Artemisia tridentata
2 Poa bulbosa
3 Poa secunda
4

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1 Poa bulbosa
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☑ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2
3

Annual Forbs

1
2
3

Perennial Grasses

1 Poa bulbosa
2 Poa secunda
3 Sitanion hystrix

Perennial Forbs

1 Amsinckia
2 Allium acuminatum
3

Shrubs and Trees

1 Artemisia tridentata
2
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1
2
3

Cover Worksheet

State: Oregon **Office:** _____ **Ecological Site:** Inter-Mountain Basins Big Sage Steppe

Observer(s): TJ **Date:** 6/6/2011 **Site ID:** 66-11

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual					x			
Native Perennial					x			
Exotic Perennial	x							
II - Forb								
Annual								
Perennial								
III - Shrub					x			
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust				x				

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants						x		
II - Standing Dead Vegetation	x							
III - Litter (in contact w/ the soil surface)				x				
IV - Biological Crust				x				
V - Rock/Gravel		x						
VI - Bare Ground						x		

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Artemisia tridentata
2 Poa secunda
3 Bromus tectorum
4 Balsamorhiza sagittata

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1 Bromus tectorum
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☑ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2
3

Annual Forbs

1 Collomia linearis
2
3

Perennial Grasses

1 Poa secunda
2 Nassella viridula
3 Pseudoroegneria spicata

Perennial Forbs

1 Balsamorhiza sagittata
2 Lupinus sulphureus
3

Shrubs and Trees

1 Artemisia tridentata
2
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 moss
2
3

Cover Worksheet

State: Oregon **Office:** _____ **Ecological Site:** Inter-Mountain Basins Big Sage Steppe

Observer(s): TJ **Date:** 6/5/2011 **Site ID:** 65-25

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual	x							
Native Perennial					x			
Exotic Perennial					x			
II - Forb								
Annual		x						
Perennial				x				
III - Shrub				x				
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust	x							

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants						x		
II - Standing Dead Vegetation	x							
III - Litter (in contact w/ the soil surface)			x					
IV - Biological Crust	x							
V - Rock/Gravel					x			
VI - Bare Ground					x			

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Artemisia rigida
2 Pseudoroegneria spicata
3 Poa bulbosa
4

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1 Poa bulbosa
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☑ or weight ☐ by life form.

Annual Grasses

1
2
3

Annual Forbs

1
2
3

Perennial Grasses

1 Pseudoroegneria spicata
2 Poa bulbosa
3

Perennial Forbs

1 Balsamorhiza rosea
2 Lomatium nudicaule
3 Lupinus sulphureus

Shrubs and Trees

1 Artemisia rigida
2 Artemisia tridentata
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1
2
3

Cover Worksheet

State: Oregon **Office:** _____ **Ecological Site:** Inter-Mountain Basins Big Sage Steppe

Observer(s): TJ **Date:** 6/5/2011 **Site ID:** 65-17

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual			x					
Native Perennial					x			
Exotic Perennial	x							
II - Forb								
Annual		x						
Perennial				x				
III - Shrub					x			
IV - Tree								
V - Succulent								
VI - Biological Crust								

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants						x		
II - Standing Dead Vegetation	x							
III - Litter (in contact w/ the soil surface)				x				
IV - Biological Crust			x					
V - Rock/Gravel								
VI - Bare Ground					x			

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Artemisia tridentata
2 Poa secunda
3 Nassella viridula
4

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1 Bromus tectorum
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☑ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2
3

Annual Forbs

1
2
3

Perennial Grasses

1 Poa secunda
2 Nassella viridula
3

Perennial Forbs

1 Balsamorhiza sagittata
2 Lupinus
3 Allium acuminatum

Shrubs and Trees

1 Artemisia tridentata
2 Peraphyllum ramosissimum
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 moss
2
3

Cover Worksheet

State: _____ **Office:** _____ **Ecological Site:** Inter-Mountain Basins Big Sage Steppe

Observer(s): MM **Date:** 7/20/2011 **Site ID:** 7/20-12

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual					x			
Native Perennial					x			
Exotic Perennial	x							
II - Forb								
Annual		x						
Perennial		x						
III - Shrub				x				
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust				x				

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants							x	
II - Standing Dead Vegetation		x						
III - Litter (in contact w/ the soil surface)		x						
IV - Biological Crust				x				
V - Rock/Gravel				x				
VI - Bare Ground				x				

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site
1 Artemisia rigida
2 Artemisia tridentata
3 Bromus japonicus
4 Festuca idahoensis

Noxious Weeds
1 Cardaria draba
2
3

Invasive Natives
1
2
3

Invasive Exotics
1 Bromus japonicus
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☑ or weight ☐ by life form.

Annual Grasses
1 Bromus japonicus
2 Bromus tectorum
3

Annual Forbs
1 Sinapis
2
3

Perennial Grasses
1 Festuca idahoensis
2 Poa secunda
3

Perennial Forbs
1 Arenaria
2
3

Shrubs and Trees
1 Artemisia tridentata
2 Artemisia rigida
3

Succulents
1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)
1 moss
2
3

Cover Worksheet

State: _____ **Office:** _____ **Ecological Site:** Inter-Mountain Basins Big Sage Steppe

Observer(s): MM **Date:** 7/17/2011 **Site ID:** 7/17-12

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual		x						
Native Perennial						x		
Exotic Perennial	x							
II - Forb								
Annual		x						
Perennial		x						
III - Shrub						x		
IV - Tree	x							
V - Succulent		x						
VI - Biological Crust					x			

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants							x	
II - Standing Dead Vegetation		x						
III - Litter (in contact w/ the soil surface)		x						
IV - Biological Crust				x				
V - Rock/Gravel				x				
VI - Bare Ground				x				

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Artemisia tridentata
2 Festuca idahoensis
3 Artemisia rigida
4 Nassella viridula

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses

1 Vulpia
2 Hordeum jubatum
3

Annual Forbs

1
2
3

Perennial Grasses

1 Festuca idahoensis
2 Nassella viridula
3

Perennial Forbs

1 Lupinus
2 Aster
3 Achillea millefolium

Shrubs and Trees

1 Artemisia tridentata
2 Artemisia rigida
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1
2
3

Cover Worksheet

State: _____ **Office:** _____ **Ecological Site:** Inter-Mountain Basins Big Sage Steppe

Observer(s): MM **Date:** 7/17/2011 **Site ID:** 7/17-2

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual								
Native Perennial						x		
Exotic Perennial								
II - Forb								
Annual		x						
Perennial			x					
III - Shrub						x		
IV - Tree	x							
V - Succulent		x						
VI - Biological Crust					x			

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants							x	
II - Standing Dead Vegetation		x						
III - Litter (in contact w/ the soil surface)		x						
IV - Biological Crust					x			
V - Rock/Gravel			x					
VI - Bare Ground			x					

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Festuca idahoensis
2 Artemisia tridentata
3
4

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses

1
2
3

Annual Forbs

1
2
3

Perennial Grasses

1 Festuca idahoensis
2 Sitanion hystrix
3 Stipa comata

Perennial Forbs

1 Aster
2 Senecio
3 Astragalus

Shrubs and Trees

1 Artemisia tridentata
2 Purshia tridentata
3 Chrysothamnus nauseosus

Succulents

1 Opuntia
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1
2
3

Cover Worksheet

State: _____ **Office:** _____ **Ecological Site:** Inter-Mountain Basins Big Sage Steppe

Observer(s): MM **Date:** 7/16/2011 **Site ID:** 7/16-28

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual				x				
Native Perennial				x				
Exotic Perennial					x			
II - Forb								
Annual								
Perennial			x					
III - Shrub						x		
IV - Tree		x						
V - Succulent	x							
VI - Biological Crust		x						

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants							x	
II - Standing Dead Vegetation			x					
III - Litter (in contact w/ the soil surface)			x					
IV - Biological Crust			x					
V - Rock/Gravel				x				
VI - Bare Ground				x				

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☐ or weig ☐

Dominant Species on Site

1 Artemisia tridentata
2 Poa bulbosa
3
4

Noxious Weeds

1
2
3

Invasive Natives

1 Agropyron
2
3

Invasive Exotics

1 Bromus sterilis
2 Bromus japonicus
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses

1 Bromus sterilis
2 Bromus japonicus
3

Annual Forbs

1 Madia
2
3

Perennial Grasses

1 Poa bulbosa
2 Poa secunda
3 Agropyron

Perennial Forbs

1 Lupinus
2 Achillea millefolium
3

Shrubs and Trees

1 Artemisia tridentata
2 Chrysothamnus nauseosus
3 Rosa
4 Crataegus douglasii

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1
2
3

Cover Worksheet

State: Oregon **Office:** **Ecological Site:** Inter-Mountain Basins Big Sage Steppe

Observer(s): Thad Jones **Date:** 4/10/2011 **Site ID:** 51.0

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual					x			
Native Perennial						x		
Exotic Perennial	x							
II - Forb								
Annual		x						
Perennial		x						
III - Shrub				x				
IV - Tree								
V - Succulent								
VI - Biological Crust								

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants							x	
II - Standing Dead Vegetation			x					
III - Litter (in contact w/ the soil surface)				x				
IV - Biological Crust	x							
V - Rock/Gravel		x						
VI - Bare Ground				x				

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)
-ESTIMATES

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Poa secunda
2 Bromus tectorum
3 Pseudoroegneria spicata
4 Ericameria nauseosa

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1 Bromus tectorum
2 Cirsium
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☑ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2
3

Annual Forbs

1 Cirsium
2
3

Perennial Grasses

1 Poa secunda
2 Pseudoroegneria spicata
3

Perennial Forbs

1
2
3

Shrubs and Trees

1 Artemisia tridentata
2 Ericameria nauseosa
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1
2
3

Cover Worksheet

State: _____ **Office:** _____ **Ecological Site:** Inter-Mountain Basins Big Sage Steppe

Observer(s): MM **Date:** 6/5/2011 **Site ID:** 6/5-1

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual					x			
Native Perennial					x			
Exotic Perennial	x							
II - Forb								
Annual		x						
Perennial		x						
III - Shrub						x		
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust				x				

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants							x	
II - Standing Dead Vegetation		x						
III - Litter (in contact w/ the soil surface)		x						
IV - Biological Crust				x				
V - Rock/Gravel		x						
VI - Bare Ground				x				

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)
-ESTIMATES

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☐ or weig ☐

Dominant Species on Site

1 Artemisia tridentata
2 Poa secunda
3 Bromus tectorum
4

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1 Bromus tectorum
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2
3

Annual Forbs

1
2
3

Perennial Grasses

1 Poa secunda
2 Stipa comata
3

Perennial Forbs

1 Lupinus
2 Achillea millefolium
3 Allium acuminatum

Shrubs and Trees

1 Artemisia tridentata
2 Chrysothamnus viscidiflorus
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 moss
2
3

Cover Worksheet

State: _____ **Office:** _____ **Ecological Site:** Inter-Mountain Basins Big Sage Steppe

Observer(s): MM **Date:** 5/25/2011 **Site ID:** 25-18

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual					x			
Native Perennial					x			
Exotic Perennial	x							
II - Forb								
Annual		x						
Perennial		x						
III - Shrub						x		
IV - Tree	x							
V - Succulent		x						
VI - Biological Crust			x					

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants							x	
II - Standing Dead Vegetation			x					
III - Litter (in contact w/ the soil surface)			x					
IV - Biological Crust			x					
V - Rock/Gravel				x				
VI - Bare Ground				x				

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☐ or weig ☐

Dominant Species on Site

1 Artemisia tridentata
2 Poa secunda
3 Bromus tectorum
4

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1 Bromus tectorum
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2
3

Annual Forbs

1
2
3

Perennial Grasses

1 Poa secunda
2 Nassella viridula
3

Perennial Forbs

1 Phlox hoodii
2 Lomatium
3

Shrubs and Trees

1 Artemisia tridentata
2 Atriplex collina
3 Chrysothamnus viscidiflorus

Succulents

1 Opuntia
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 moss
2
3

Cover Worksheet

State: _____ **Office:** _____ **Ecological Site:** Inter-Mountain Basins Big Sage Steppe

Observer(s): MM **Date:** 5/24/2011 **Site ID:** 24-2

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual				x				
Native Perennial					x			
Exotic Perennial	x							
II - Forb								
Annual		x						
Perennial		x						
III - Shrub					x			
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust				x				

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants						x		
II - Standing Dead Vegetation				x				
III - Litter (in contact w/ the soil surface)			x					
IV - Biological Crust				x				
V - Rock/Gravel				x				
VI - Bare Ground			x					

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Artemisia tridentata
2 Atriplex collina
3 Poa secunda
4 Bromus tectorum

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1 Bromus tectorum
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2
3

Annual Forbs

1
2
3

Perennial Grasses

1 Poa secunda
2 Nasella viridula
3

Perennial Forbs

1 Lomatium
2
3

Shrubs and Trees

1 Artemisia tridentata
2 Atriplex confertifolia
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 moss
2
3

Cover Worksheet

State: Oregon **Office:** _____ **Ecological Site:** Inter-Mountain Basins Big Sage Steppe

Observer(s): RS **Date:** 6/26/2011 **Site ID:** 062611-08

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual					x			
Native Perennial			x					
Exotic Perennial					x			
II - Forb								
Annual			x					
Perennial			x					
III - Shrub					x			
IV - Tree		x						
V - Succulent	x							
VI - Biological Crust			x					

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants					x			
II - Standing Dead Vegetation			x					
III - Litter (in contact w/ the soil surface)				x				
IV - Biological Crust			x					
V - Rock/Gravel				x				
VI - Bare Ground						x		

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Artemisia tridentata
2 Bromus tectorum
3 Agropyron cristatum
4 Thlaspi arvense

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☑ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2
3

Annual Forbs

1 Thlaspi arvense
2 Epilobium
3

Perennial Grasses

1 Agropyron cristatum
2 Poa secunda
3 Poa bulbosa

Perennial Forbs

1 Astragalus
2 Balsamorhiza sagittata
3

Shrubs and Trees

1 Artemisia tridentata
2 Juniperus
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 lichen
2
3

Cover Worksheet

State: Oregon **Office:** _____ **Ecological Site:** Inter-Mountain Basins Big Sage Steppe

Observer(s): RS **Date:** 6/25/2011 **Site ID:** 062511-01

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual					x			
Native Perennial			x					
Exotic Perennial				x				
II - Forb								
Annual					x			
Perennial			x					
III - Shrub					x			
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust			x					

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants					x			
II - Standing Dead Vegetation			x					
III - Litter (in contact w/ the soil surface)				x				
IV - Biological Crust			x					
V - Rock/Gravel					x			
VI - Bare Ground					x			

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Artemisia tridentata
2 Bromus tectorum
3 Poa secunda
4 Thlaspi arvense

Noxious Weeds

1 Cardaria draba
2 Taeniatherum caput-medusae
3

Invasive Natives

1
2
3

Invasive Exotics

1
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2
3

Annual Forbs

1 Erodium cicutarium
2 Thlaspi arvense
3 Chorispora tenella

Perennial Grasses

1 Poa bulbosa
2 Poa secunda
3 Leymus cinereus

Perennial Forbs

1 Barkleyanthus salicifolius
2 Achillea millefolium
3

Shrubs and Trees

1 Artemisia tridentata
2
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 lichen
2
3

Cover Worksheet

State: Oregon **Office:** _____ **Ecological Site:** Inter-Mountain Basins Big Sage Steppe

Observer(s): RS **Date:** 6/24/2011 **Site ID:** 062411-03

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual			x					
Native Perennial				x				
Exotic Perennial					x			
II - Forb								
Annual			x					
Perennial				x				
III - Shrub					x			
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust			x					

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants						x		
II - Standing Dead Vegetation			x					
III - Litter (in contact w/ the soil surface)				x				
IV - Biological Crust			x					
V - Rock/Gravel				x				
VI - Bare Ground						x		

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Artemisia tridentata
2 Poa bulbosa
3 Allium
4 Lupinus

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☑ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2
3

Annual Forbs

1 Astragalus
2
3

Perennial Grasses

1 Poa bulbosa
2 Festuca
3 Pseudoroegneria spicata

Perennial Forbs

1 Allium
2 Lupinus
3 Achillea millefolium

Shrubs and Trees

1 Artemisia tridentata
2
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 lichen
2
3

Cover Worksheet

State: _____ **Office:** _____ **Ecological Site:** Inter-Mountain Basins Big Sage Steppe

Observer(s): MM **Date:** 5/15/2011 **Site ID:** 6a

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual								
Native Perennial						x		
Exotic Perennial								
II - Forb								
Annual								
Perennial		x						
III - Shrub			x					
IV - Tree						x		
V - Succulent	x							
VI - Biological Crust			x					

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants							x	
II - Standing Dead Vegetation			x					
III - Litter (in contact w/ the soil surface)				x				
IV - Biological Crust								
V - Rock/Gravel			x					
VI - Bare Ground				x				

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☐ or weig ☐

Dominant Species on Site

1 Chrysothamnus viscidiflorus
2 Artemisia tridentata
3 Poa bulbosa
4 _____

Noxious Weeds

1 _____
2 _____
3 _____

Invasive Natives

1 Poa bulbosa
2 _____
3 _____

Invasive Exotics

1 Bromus tectorum
2 _____
3 _____

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2 _____
3 _____

Annual Forbs

1 _____
2 _____
3 _____

Perennial Grasses

1 Poa bulbosa
2 Nasella viridula
3 _____

Perennial Forbs

1 Crepis
2 _____
3 _____

Shrubs and Trees

1 Chrysothamnus viscidiflorus
2 Artemisia tridentata
3 _____

Succulents

1 _____
2 _____
3 _____

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 _____
2 _____
3 _____

Cover Worksheet

State: IDAHO **Office:** _____ **Ecological Site:** Inter-Mountain Basins Big Sage Steppe

Observer(s): TJ **Date:** 5/11/2011 **Site ID:** 22

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual				x				
Native Perennial						x		
Exotic Perennial	x							
II - Forb								
Annual		x						
Perennial		x						
III - Shrub					x			
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust				x				

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants						x		
II - Standing Dead Vegetation		x						
III - Litter (in contact w/ the soil surface)			x					
IV - Biological Crust				x				
V - Rock/Gravel					x			
VI - Bare Ground				x				

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover or weig ☑ ☐

Dominant Species on Site

1 Poa secunda
2 Artemisia tridentata
3 Bromus tectorum
4 Agropyron spicatum

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1 Bromus tectorum
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☑ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2
3

Annual Forbs

1
2
3

Perennial Grasses

1 Poa secunda
2 Agropyron spicatum
3 Sitanion hystrix

Perennial Forbs

1 Astra
2 Agoseris
3

Shrubs and Trees

1 Artemisia tridentata
2 Atriplex spinosa
3 Atriplex collina

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 moss
2 lichen
3

Cover Worksheet

State: IDAHO **Office:** **Ecological Site:** Inter-Mountain Basins Big Sage Steppe

Observer(s): Tjones **Date:** 5/12/2011 **Site ID:** 37

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual			x					
Native Perennial						x		
Exotic Perennial	x							
II - Forb								
Annual	x							
Perennial		x						
III - Shrub				x				
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust				x				

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants						x		
II - Standing Dead Vegetation		x						
III - Litter (in contact w/ the soil surface)		x						
IV - Biological Crust					x			
V - Rock/Gravel			x					
VI - Bare Ground				x				

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Poa secunda
2 Artemisia tridentata
3 Grayia spinosa
4 Tetradymia glabrata

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1 Bromus tectorum
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☑ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2
3

Annual Forbs

1
2
3

Perennial Grasses

1 Poa secunda
2 Sitanion hystrix
3 Pseudoroegneria spicata

Perennial Forbs

1 Phlox hoodii
2 Castilleja
3

Shrubs and Trees

1 Artemisia tridentata
2 Grayia spinosa
3 Tetradymia glabrata
4 Picrothamnus desertorum

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 moss
2 lichen
3

Cover Worksheet

State: Oregon **Office:** _____ **Ecological Site:** Inter-Mountain Basins Big Sage Steppe

Observer(s): T Jones **Date:** 6/2/2011 **Site ID:** 62-23

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual					x			
Native Perennial					x			
Exotic Perennial	x							
II - Forb								
Annual		x						
Perennial		x						
III - Shrub					x			
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust			x					

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants						x		
II - Standing Dead Vegetation		x						
III - Litter (in contact w/ the soil surface)					x			
IV - Biological Crust			x					
V - Rock/Gravel		x						
VI - Bare Ground					x			

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Artemisia tridentata
2 Bromus tectorum
3 Poa secunda
4 Pseudoroegneria spicata

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1 Bromus tectorum
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☑ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2
3

Annual Forbs

1
2
3

Perennial Grasses

1 Poa secunda
2 Pseudoroegneria spicata
3 Sitanion hystrix

Perennial Forbs

1 Allium
2 Castilleja
3

Shrubs and Trees

1 Artemisia tridentata
2 Grayia spinosa
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 moss
2
3

Cover Worksheet

State: Oregon **Office:** _____ **Ecological Site:** Inter-Mountain Basins Big Sage Steppe

Observer(s): T Jones **Date:** 6/2/2011 **Site ID:** 62-36

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual					x			
Native Perennial						x		
Exotic Perennial	x							
II - Forb								
Annual		x						
Perennial			x					
III - Shrub				x				
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust					x			

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants						x		
II - Standing Dead Vegetation		x						
III - Litter (in contact w/ the soil surface)			x					
IV - Biological Crust					x			
V - Rock/Gravel		x						
VI - Bare Ground					x			

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Artemisia tridentata
2 Pseudoroegneria spicata
3 Poa secunda
4 Bromus tectorum

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1 Bromus tectorum
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☑ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2
3

Annual Forbs

1
2
3

Perennial Grasses

1 Pseudoroegneria spicata
2 Poa secunda
3 Sitanion hystrix

Perennial Forbs

1 Phlox hoodii
2 Balsamorhiza sagittata
3

Shrubs and Trees

1 Artemisia tridentata
2
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 moss
2 lichen
3

Cover Worksheet

State: Oregon **Office:** _____ **Ecological Site:** Inter-Mountain Basins Big Sage Steppe

Observer(s): TJ **Date:** 6/2/2011 **Site ID:** 62-26

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual			x					
Native Perennial						x		
Exotic Perennial	x							
II - Forb								
Annual		x						
Perennial			x					
III - Shrub			x					
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust				x				

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants						x		
II - Standing Dead Vegetation		x						
III - Litter (in contact w/ the soil surface)			x					
IV - Biological Crust				x				
V - Rock/Gravel			x					
VI - Bare Ground						x		

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Artemisia tridentata
2 Pseudoroegneria spicata
3 Poa secunda
4

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1 Bromus tectorum
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☑ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2
3

Annual Forbs

1 Borage
2
3

Perennial Grasses

1 Pseudoroegneria spicata
2 Poa secunda
3 Nassella viridula

Perennial Forbs

1 Balsamorhiza sagittata
2 Aster
3 Phlox hoodii

Shrubs and Trees

1 Artemisia tridentata
2 Tetradymia glabrata
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 moss
2 lichen
3

Cover Worksheet

State: Oregon **Office:** _____ **Ecological Site:** Inter-Mountain Basins Big Sage Steppe

Observer(s): TJ **Date:** 6/3/2011 **Site ID:** 63-19

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual					x			
Native Perennial					x			
Exotic Perennial				x				
II - Forb								
Annual		x						
Perennial		x						
III - Shrub				x				
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust				x				

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants						x		
II - Standing Dead Vegetation	x							
III - Litter (in contact w/ the soil surface)			x					
IV - Biological Crust				x				
V - Rock/Gravel			x					
VI - Bare Ground						x		

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Artemisia tridentata
2 Poa bulbosa
3 Bromus tectorum
4 Poa secunda

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1 Bromus tectorum
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☑ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2
3

Annual Forbs

1
2
3

Perennial Grasses

1 Poa secunda
2 Poa bulbosa
3

Perennial Forbs

1
2
3

Shrubs and Trees

1 Artemisia tridentata
2
3

Succulents

1 Allium acuminatum
2 Lupinus sulphureus
3 Castilla

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 moss
2
3

Cover Worksheet

State: Oregon **Office:** _____ **Ecological Site:** Inter-Mountain Basins Big Sage Steppe

Observer(s): TJ **Date:** 6/3/2011 **Site ID:** 63-34

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual				x				
Native Perennial					x			
Exotic Perennial				x				
II - Forb								
Annual		x						
Perennial		x						
III - Shrub				x				
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust				x				

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants						x		
II - Standing Dead Vegetation	x							
III - Litter (in contact w/ the soil surface)					x			
IV - Biological Crust				x				
V - Rock/Gravel		x						
VI - Bare Ground						x		

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)

The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Artemisia tridentata
2 Bromus tectorum
3 Poa bulbosa
4 Poa secunda

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1 Bromus tectorum
2 Poa bulbosa
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☑ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2
3

Annual Forbs

1
2
3

Perennial Grasses

1 Poa bulbosa
2 Poa secunda
3

Perennial Forbs

1 Allium acuminatum
2 Lupinus sulphureus
3

Shrubs and Trees

1 Artemisia tridentata
2
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 moss
2
3

Cover Worksheet

State: Oregon **Office:** _____ **Ecological Site:** Inter-Mountain Basins Big Sage Steppe

Observer(s): M. McClanghan **Date:** 5/10/2011 **Site ID:** 5/10-1 Map Tile 19

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual			x					
Native Perennial						x		
Exotic Perennial	x							
II - Forb								
Annual								
Perennial		x						
III - Shrub						x		
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust			x					

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants		x						x
II - Standing Dead Vegetation		x						
III - Litter (in contact w/ the soil surface)			x					
IV - Biological Crust			x					
V - Rock/Gravel		x						
VI - Bare Ground				x				

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☐ or weig ☐

Dominant Species on Site

1 Artemisia tridentata
2 Poa secunda
3 Nasella viridula
4

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1 Bromus tectorum
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2
3

Annual Forbs

1
2
3

Perennial Grasses

1 Poa secunda
2 Nasella viridula
3

Perennial Forbs

1
2
3

Shrubs and Trees

1 Artemisia tridentata
2
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 moss
2
3

Cover Worksheet

State: IDAHO **Office:** _____ **Ecological Site:** Inter-Mountain Basins Mixed Salt Desert Scrub

Observer(s): TJ **Date:** 5/11/2011 **Site ID:** 17

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual						x		
Native Perennial			x					
Exotic Perennial	x							
II - Forb								
Annual		x						
Perennial		x						
III - Shrub				x				
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust		x						

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants						x		
II - Standing Dead Vegetation		x						
III - Litter (in contact w/ the soil surface)			x					
IV - Biological Crust		x						
V - Rock/Gravel					x			
VI - Bare Ground					x			

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)
-ESTIMATES

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Bromus tectorum
2 Atriplex collina
3 Picrothamnus desertorum
4 Sitanion hystrix

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1 Bromus tectorum
2 Ranunculus testiculatus
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2
3

Annual Forbs

1 Ranunculus testiculatus
2
3

Perennial Grasses

1 Sitanion hystrix
2 Poa secunda
3

Perennial Forbs

1 Sphaeralcea coccinea
2 Delphinium bicolor
3 Allium

Shrubs and Trees

1 Atriplex collina
2 Picrothamnus desertorum
3 Atriplex spinosa

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1
2
3

Cover Worksheet

State: _____ **Office:** _____ **Ecological Site:** Inter-Mountain Basins Mixed Salt Desert Scrub

Observer(s): TJ _____ **Date:** 5/11/2011 **Site ID:** 12

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual							x	
Native Perennial		x						
Exotic Perennial	x							
II - Forb								
Annual				x				
Perennial		x						
III - Shrub				x				
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust	x							

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants							x	
II - Standing Dead Vegetation		x						
III - Litter (in contact w/ the soil surface)			x					
IV - Biological Crust		x						
V - Rock/Gravel				x				
VI - Bare Ground					x			

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weight ☐.

Dominant Species on Site

1 Bromus tectorum
2 Atriplex collina
3 Ranunculus testiculatus
4 Atriplex spinosa
5 Picrothamnus desertorum

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1 Bromus tectorum
2 Ranunculus testiculatus
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☑ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2
3

Annual Forbs

1 Ranunculus testiculatus
2 Descurainia
3

Perennial Grasses

1 Sitanion hystrix
2 Poa secunda
3

Perennial Forbs

1 Sphaeralcea coccinea
2 Apiaceae
3 Amsinckia

Shrubs and Trees

1 Atriplex collina
2 Atriplex spinosa
3 Picrothamnus desertorum

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 moss
2
3

Cover Worksheet

State: IDAHO **Office:** _____ **Ecological Site:** Inter-Mountain Basins Mixed Salt Desert Scrub

Observer(s): TJ **Date:** 5/12/2011 **Site ID:** 43

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual						x		
Native Perennial				x				
Exotic Perennial								
II - Forb								
Annual	x							
Perennial		x						
III - Shrub			x					
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust		x						

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants								
II - Standing Dead Vegetation								
III - Litter (in contact w/ the soil surface)								
IV - Biological Crust		x						
V - Rock/Gravel		x						
VI - Bare Ground						x		

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site
1 Bromus tectorum
2 Poa secunda
3 Atriplex collina
4 Artemisia tridentata

Noxious Weeds
1
2
3

Invasive Natives
1
2
3

Invasive Exotics
1 Bromus tectorum
2 Descurainia
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☑ or weight ☐ by life form.

Annual Grasses
1 Bromus tectorum
2
3

Annual Forbs
1 Descurainia
2
3

Perennial Grasses
1 Poa secunda
2
3

Perennial Forbs
1 Erigeron
2 Delphinium bicolor
3 Amsinckia
4 Agoseris glauca

Shrubs and Trees
1 Atriplex collina
2 Artemisia tridentata
3

Succulents
1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)
1
2
3

Cover Worksheet

State: IDAHO **Office:** _____ **Ecological Site:** Inter-Mountain Basins Mixed Salt Desert Scrub

Observer(s): TJ **Date:** 5/13/2011 **Site ID:** 290 Stage

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual					x			
Native Perennial				x				
Exotic Perennial	x							
II - Forb								
Annual						x		
Perennial		x						
III - Shrub			x					
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust	x							

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants					x			
II - Standing Dead Vegetation			x					
III - Litter (in contact w/ the soil surface)			x					
IV - Biological Crust	x							
V - Rock/Gravel		x						
VI - Bare Ground						x		

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Ranunculus testiculatus
2 Lepidium perfoliatum
3 Bromus tectorum
4 Poa secunda

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1 Ranunculus testiculatus
2 Lepidium perfoliatum
3 Bromus tectorum

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☑ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2
3

Annual Forbs

1 Ranunculus testiculatus
2 Sisymbrium altissimum
3 Lepidium perfoliatum

Perennial Grasses

1 Poa secunda
2 Agropyron cristatum
3

Perennial Forbs

1 Amsinckia
2 Agoseris glauca
3

Shrubs and Trees

1 Atriplex collina
2 Sarcobatus vermiculatus
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1
2
3

Cover Worksheet

State: _____ **Office:** _____ **Ecological Site:** Inter-Mountain Basins Mixed Salt Desert Scrub

Observer(s): MM **Date:** 5/23/2011 **Site ID:** 4

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual						x		
Native Perennial		x						
Exotic Perennial	x							
II - Forb								
Annual				x				
Perennial								
III - Shrub				x				
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust		x						

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants			x					
II - Standing Dead Vegetation			x					
III - Litter (in contact w/ the soil surface)								
IV - Biological Crust		x						
V - Rock/Gravel			x					
VI - Bare Ground				x				

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☐ or weig ☐

Dominant Species on Site

1 Artemisia tridentata
2 Grayia spinosa
3 Atriplex canescens
4

Noxious Weeds

1
2
3

Invasive Natives

1 Descurainia pinnata
2
3

Invasive Exotics

1 Bromus tectorum
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2
3

Annual Forbs

1 Lepidium perfoliatum
2 Amsinckia
3 Descurainia pinnata

Perennial Grasses

1 Poa secunda
2
3

Perennial Forbs

1 Sphaeralcea coccinea
2
3

Shrubs and Trees

1 Grayia spinosa
2 Atriplex canescens
3 Artemisia tridentata

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1
2
3

Cover Worksheet

State: IDAHO **Office:** **Ecological Site:** Inter-Mountain Basins Mixed Salt Desert Scrub

Observer(s): RS **Date:** 5/11/2011 **Site ID:** 051111-04

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual				x				
Native Perennial				x				
Exotic Perennial								
II - Forb								
Annual			x					
Perennial				x				
III - Shrub								
IV - Tree								
V - Succulent								
VI - Biological Crust			x					

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants				x				
II - Standing Dead Vegetation		x						
III - Litter (in contact w/ the soil surface)			x					
IV - Biological Crust			x					
V - Rock/Gravel				x				
VI - Bare Ground						x		

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weight ☐.

Dominant Species on Site

1 Bromus tectorum
2 Poa secunda
3 Artemisia tridentata
4 Atriplex collina

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☑ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2
3

Annual Forbs

1 Descurainia
2 Lupinus
3

Perennial Grasses

1 Poa secunda
2 Sitanion hystrix
3

Perennial Forbs

1
2
3

Shrubs and Trees

1 Artemisia tridentata
2 Atriplex collina
3 Tetradymia glabrata

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 moss
2 lichen
3

Cover Worksheet

State: IDAHO **Office:** **Ecological Site:** Inter-Mountain Basins Mixed Salt Desert Scrub

Observer(s): TJ **Date:** 5/10/2011 **Site ID:** 7

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual					x			
Native Perennial					x			
Exotic Perennial	x							
II - Forb								
Annual		x						
Perennial		x						
III - Shrub				x				
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust				x				

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants					x			
II - Standing Dead Vegetation		x						
III - Litter (in contact w/ the soil surface)			x					
IV - Biological Crust				x				
V - Rock/Gravel		x						
VI - Bare Ground							x	

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)
-ESTIMATES

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover or weig ☑ ☐

Dominant Species on Site
1 Poa secunda
2 Bromus tectorum
3 Artemisia tridentata
4 Atriplex spinosa

Noxious Weeds
1
2
3

Invasive Natives
1
2
3

Invasive Exotics
1 Bromus tectorum
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☑ or weight ☐ by life form.

Annual Grasses
1 Bromus tectorum
2
3

Annual Forbs
1
2
3

Perennial Grasses
1 Poa secunda
2 Sitanion hystrix
3

Perennial Forbs
1 Sphaeralcea munroana
2
3

Shrubs and Trees
1 Artemisia tridentata
2 Atriplex spinosa
3 Atriplex collina
4 Krascheninnikovia lanata 5 Atriplex canescens 6 Picrothamnus desertorum

Succulents
1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)
1 moss
2 lichen
3

Cover Worksheet

State: OREGON **Office:** **Ecological Site:** Inter-Mountain Basins Mixed Salt Desert Scrub

Observer(s): RS **Date:** 5/15/2011 **Site ID:** 051511-01

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual					x			
Native Perennial			x					
Exotic Perennial								
II - Forb								
Annual			x					
Perennial	x							
III - Shrub				x				
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust			x					

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants				x				
II - Standing Dead Vegetation			x					
III - Litter (in contact w/ the soil surface)			x					
IV - Biological Crust				x				
V - Rock/Gravel				x				
VI - Bare Ground				x				

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Bromus tectorum
2 Artemisia tridentata
3 Ranunculus testiculatus
4 Poa secunda

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☑ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2
3

Annual Forbs

1 Ranunculus testiculatus
2 Lepidium
3 Descurainia

Perennial Grasses

1 Poa secunda
2 Sitanion hystrix
3

Perennial Forbs

1
2
3

Shrubs and Trees

1 Artemisia tridentata
2 Atriplex confertifolia
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 moss
2 lichen
3

Cover Worksheet

State: _____ **Office:** _____ **Ecological Site:** Inter-Mountain Basins Mo

Observer(s): MM **Date:** 7/16/2011 **Site ID:** 7/16-10

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual				x				
Native Perennial			x					
Exotic Perennial					x			
II - Forb								
Annual		x						
Perennial		x						
III - Shrub							x	
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust			x					

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants							x	
II - Standing Dead Vegetation			x					
III - Litter (in contact w/ the soil surface)			x					
IV - Biological Crust			x					
V - Rock/Gravel				x				
VI - Bare Ground				x				

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☐ or weig ☐

Dominant Species on Site

1 Artemisia rigida
2 Poa bulbosa
3 Poa secunda
4 Festuca idahoensis

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1 Poa bulbosa
2 Bromus briziformis
3 Bromus japonicus
4 Bromus sterilis

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses

1 Bromus sterilis
2 Bromus japonicus
3 Bromus briziformis

Annual Forbs

1 Madia
2
3

Perennial Grasses

1 Festuca idahoensis
2 Poa bulbosa
3

Perennial Forbs

1 Eriogonum
2 Achillea millefolium
3 Lupinus

Shrubs and Trees

1 Artemisia rigida
2
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1
2
3

Cover Worksheet

State: Oregon **Office:** **Ecological Site:** Inter-Mountain Basins Mo

Observer(s): H.Heist/B.Greenwood **Date:** 6/27/2011 **Site ID:** 6-27-4

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual							x	
Native Perennial						x		
Exotic Perennial								
II - Forb								
Annual							x	
Perennial					x			
III - Shrub					x			
IV - Tree			x					
V - Succulent	x							
VI - Biological Crust		x						

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants								x
II - Standing Dead Vegetation			x					
III - Litter (in contact w/ the soil surface)				x				
IV - Biological Crust		x						
V - Rock/Gravel		x						
VI - Bare Ground			x					

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☐ or weig ☐

Dominant Species on Site

1 Poa bulbosa
2 Vulpia octoflora
3 Artemisia
4 unknown forb sp.

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1 Poa bulbosa
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses

1 Poa bulbosa
2 Vulpia octoflora
3 Poa pratensis

Annual Forbs

1 Allium
2 unknown
3 Lactuca serriola

Perennial Grasses

1 Pseudoroegneria spicata
2 Juncus effusus
3

Perennial Forbs

1 Brodiaea
2 Clarkia
3 Phlox
4 Achillea

Shrubs and Trees

1 Pinus ponderosa
2 Artemisia tripartita
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1
2
3

Cover Worksheet

State: Oregon **Office:** _____ **Ecological Site:** Inter-Mountains Basins Semi Desert Shrub Steppe

Observer(s): Thad Jones **Date:** 4/7/2011 **Site ID:** 21.2

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual		x						
Native Perennial					x			
Exotic Perennial	x							
II - Forb								
Annual			x					
Perennial				x				
III - Shrub				x				
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust						x		

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants					x			
II - Standing Dead Vegetation			x					
III - Litter (in contact w/ the soil surface)			x					
IV - Biological Crust						x		
V - Rock/Gravel	x							
VI - Bare Ground				x				

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)
-ESTIMATES

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Poa secunda
2 Chrysothamnus nauseosus
3 Tetradymia canescens
4 Phlox hoodii

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☑ or weight ☐ by life form.

Annual Grasses

1
2
3

Annual Forbs

1 Draba
2
3

Perennial Grasses

1 Poa secunda
2
3

Perennial Forbs

1 Achillea millefolium
2
3

Shrubs and Trees

1 Chrysothamnus nauseosus
2 Tetradymia canescens
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 moss
2 lichen
3

Cover Worksheet

Inter-Mountains Basins

State: _____ **Office:** _____ **Ecological Site:** Semi Desert Shrub Steppe

Observer(s): M. McClanahan **Date:** 5/13/2011 **Site ID:** 237.9

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual		x						
Native Perennial						x		
Exotic Perennial	x							
II - Forb								
Annual		x						
Perennial				x				
III - Shrub				x				
IV - Tree	x							
V - Succulent		x						
VI - Biological Crust				x				

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants								x
II - Standing Dead Vegetation		x						
III - Litter (in contact w/ the soil surface)		x						
IV - Biological Crust		x						
V - Rock/Gravel					x			
VI - Bare Ground		x						

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Agropyron spicatum
2 Balsamorhiza sagittata
3 Poa secunda
4

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☑ or weight ☐ by life form.

Annual Grasses

1
2
3

Annual Forbs

1
2
3

Perennial Grasses

1 Agropyron spicatum
2 Festuca idahoensis
3 Poa secunda
4 unknown (LEYSAG)

Perennial Forbs

1 Balsamorhiza sagittata
2 Lomatium
3 Phlox hoodii

Shrubs and Trees

1 Artemisia tridentata
2
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1
2
3

Cover Worksheet

Inter-Mountains Basins

State: _____ **Office:** _____ **Ecological Site:** Semi Desert Shrub Steppe

Observer(s): MM **Date:** 5/25/2011 **Site ID:** 25-10

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual			x					
Native Perennial				x				
Exotic Perennial	x							
II - Forb								
Annual	x							
Perennial				x				
III - Shrub				x				
IV - Tree	x							
V - Succulent								
VI - Biological Crust			x					

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants						x		
II - Standing Dead Vegetation		x						
III - Litter (in contact w/ the soil surface)		x						
IV - Biological Crust			x					
V - Rock/Gravel					x			
VI - Bare Ground				x				

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Grayia spinosa
2 Artemisia tridentata
3 Salvia dorrii
4 Atriplex

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1 Bromus tectorum
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2
3

Annual Forbs

1
2
3

Perennial Grasses

1 Poa secunda
2 Stipa comata
3 Oryzopsis hymenoides
4 Sitanion hystrix

Perennial Forbs

1 Eriogonum
2 Arenaria
3 Phlox hoodii
4 Balsamorhiza sagittata

Shrubs and Trees

1 Grayia spinosa
2 Artemisia tridentata
3 Salvia dorrii
4 Tetradymia

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1
2
3

Cover Worksheet

Inter-Mountains Basins

State: Oregon **Office:** **Ecological Site:** Semi Desert Shrub Steppe

Observer(s): Thad Jones **Date:** 4/8/2011 **Site ID:** 25.5

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual						x		
Native Perennial						x		
Exotic Perennial	x							
II - Forb								
Annual					x			
Perennial								
III - Shrub					x			
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust	x							

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants							x	
II - Standing Dead Vegetation			x					
III - Litter (in contact w/ the soil surface)			x					
IV - Biological Crust	x							
V - Rock/Gravel		x						
VI - Bare Ground			x					

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site
1 Bromus tectorum
2 Elymus
3 Gutierrezia sarothrae
4 Salsola tragus

Noxious Weeds
1
2
3

Invasive Natives
1 Gutierrezia sarothrae
2
3

Invasive Exotics
1 Bromus tectorum
2 Salsola tragus
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☑ or weight ☐ by life form.

Annual Grasses
1 Bromus tectorum
2
3

Annual Forbs
1 Salsola tragus
2
3

Perennial Grasses
1 Elymus
2 Sitanion hystrix
3

Perennial Forbs
1
2
3

Shrubs and Trees
1 Gutierrezia sarothrae
2 Artemisia tridentata
3

Succulents
1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)
1
2
3

Cover Worksheet

Inter-Mountains Basins

State: Oregon **Office:** _____ **Ecological Site:** Semi Desert Shrub Steppe

Observer(s): Thad Jones **Date:** 4/8/2011 **Site ID:** 26.6

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual							x	
Native Perennial				x				
Exotic Perennial	x							
II - Forb								
Annual				x				
Perennial		x						
III - Shrub			x					
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust	x							

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants							x	
II - Standing Dead Vegetation			x					
III - Litter (in contact w/ the soil surface)			x					
IV - Biological Crust	x							
V - Rock/Gravel		x						
VI - Bare Ground				x				

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)
-ESTIMATES

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Bromus tectorum
2 Sitanion hystrix
3 Salsola tragus
4 Gutierrezia sarothrae

Noxious Weeds

1
2
3

Invasive Natives

1 Gutierrezia sarothrae
2
3

Invasive Exotics

1 Bromus tectorum
2 Salsola tragus
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☑ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2
3

Annual Forbs

1 Salsola tragus
2 Sisymbrium
3

Perennial Grasses

1 Sitanion hystrix
2 Elymus
3

Perennial Forbs

1 Draba verna
2
3

Shrubs and Trees

1 Gutierrezia sarothrae
2
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1
2
3

Cover Worksheet

Inter-Mountains Basins

State: Oregon **Office:** **Ecological Site:** Semi Desert Shrub Steppe

Observer(s): Thad Jones **Date:** 4/11/2011 **Site ID:** 52.3

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual		x						
Native Perennial								x
Exotic Perennial	x							
II - Forb								
Annual				x				
Perennial								
III - Shrub		x						
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust				x				

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants							x	
II - Standing Dead Vegetation			x					
III - Litter (in contact w/ the soil surface)			x					
IV - Biological Crust				x				
V - Rock/Gravel	x							
VI - Bare Ground			x					

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Pseudoroegneria spicata
2 Poa secunda
3 Draba verna
4 Ericameria nauseosa

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☑ or weight ☐ by life form.

Annual Grasses

1
2
3

Annual Forbs

1 Draba verna
2
3

Perennial Grasses

1 Pseudoroegneria spicata
2 Poa secunda
3

Perennial Forbs

1
2
3

Shrubs and Trees

1 Ericameria nauseosa
2
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 moss
2 algae
3

Cover Worksheet

Inter-Mountains Basins

State: Oregon **Office:** **Ecological Site:** Semi Desert Shrub Steppe

Observer(s): Thad Jones **Date:** 4/12/2011 **Site ID:** 58.4

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual					x			
Native Perennial								x
Exotic Perennial	x							
II - Forb								
Annual	x							
Perennial		x						
III - Shrub		x						
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust	x							

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants								x
II - Standing Dead Vegetation			x					
III - Litter (in contact w/ the soil surface)		x						
IV - Biological Crust	x							
V - Rock/Gravel	x							
VI - Bare Ground		x						

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)
-ESTIMATES
-GRAZED

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Pseudoroegneria spicata
2 Bromus tectorum
3 Festuca
4 Ericameria nauseosa

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1 Bromus tectorum
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☑ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2
3

Annual Forbs

1 Erodium cicutarium
2
3

Perennial Grasses

1 Pseudoroegneria spicata
2 Festuca
3

Perennial Forbs

1 Balsamorhiza sagittata
2
3

Shrubs and Trees

1 Ericameria nauseosa
2
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1
2
3

Cover Worksheet

Inter-Mountains Basins

State: _____ **Office:** _____ **Ecological Site:** Semi Desert Shrub Steppe

Observer(s): MM **Date:** 6/8/2011 **Site ID:** 6/8-15

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual			x					
Native Perennial							x	
Exotic Perennial	x							
II - Forb								
Annual		x						
Perennial			x					
III - Shrub		x						
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust					x			

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants							x	
II - Standing Dead Vegetation		x						
III - Litter (in contact w/ the soil surface)			x					
IV - Biological Crust				x				
V - Rock/Gravel					x			
VI - Bare Ground			x					

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover or weig ☐ ☐

Dominant Species on Site

1 Agropyron spicatum
2 Balsamorhiza sagittata
3
4

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1 Bromus tectorum
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses

1
2
3

Annual Forbs

1
2
3

Perennial Grasses

1 Agropyron spicatum
2
3

Perennial Forbs

1 Balsamorhiza sagittata
2 Achillea millefolium
3

Shrubs and Trees

1 Chrysothamnus nauseosus
2
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1
2
3

Cover Worksheet

Inter-Mountains Basins

State: _____ **Office:** _____ **Ecological Site:** Semi Desert Shrub Steppe

Observer(s): MM **Date:** 6/5/2011 **Site ID:** 6/5-7

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual					x			
Native Perennial						x		
Exotic Perennial	x							
II - Forb								
Annual			x					
Perennial		x						
III - Shrub					x			
IV - Tree	x							
V - Succulent		x						
VI - Biological Crust					x			

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants							x	
II - Standing Dead Vegetation		x						
III - Litter (in contact w/ the soil surface)		x						
IV - Biological Crust					x			
V - Rock/Gravel		x						
VI - Bare Ground			x					

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Agropyron spicatum
2 Poa secunda
3 Chrysothamnus nauseosus
4

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2 Vulpia
3

Annual Forbs

1
2
3

Perennial Grasses

1 Agropyron spicatum
2 Poa secunda
3

Perennial Forbs

1 Achillea millefolium
2 Allium acuminatum
3 Sphaeralcea coccinea
4 Aster

Shrubs and Trees

1 Chrysothamnus nauseosus
2
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 moss
2
3

Cover Worksheet

State: _____ **Office:** _____ **Ecological Site:** Introduced Upland Vegetation - Annual and Biennial Forbland

Observer(s): MM **Date:** 6/22/2011 **Site ID:** 6/22-17

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual				x				
Native Perennial		x						
Exotic Perennial	x							
II - Forb								
Annual							x	
Perennial					x			
III - Shrub	x							
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust	x							

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants								x
II - Standing Dead Vegetation	x							
III - Litter (in contact w/ the soil surface)			x					
IV - Biological Crust	x							
V - Rock/Gravel	x							
VI - Bare Ground			x					

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☐ or weig ☐

Dominant Species on Site
1 Descurainia pinnata
2 Hypericum perforatum
3 Anthrisus scandicina
4

Noxious Weeds
1 Hypericum perforatum
2
3

Invasive Natives
1 Descurainia pinnata
2 Anthrisus scandicina
3

Invasive Exotics
1 Hypericum perforatum
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses
1 Bromus sterilis
2
3

Annual Forbs
1 Descurainia pinnata
2 Anthrisus scandicina
3

Perennial Grasses
1 Agropyron spicatum
2
3

Perennial Forbs
1 Hypericum perforatum
2
3

Shrubs and Trees
1
2
3

Succulents
1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)
1
2
3

Cover Worksheet

State: _____ **Office:** _____ **Ecological Site:** Introduced Upland Vegetation - Annual and Biennial Forbland

Observer(s): MM **Date:** 6/1/2011 **Site ID:** 6/1-11

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual			x					
Native Perennial	x							
Exotic Perennial	x							
II - Forb								
Annual								x
Perennial	x							
III - Shrub	x							
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust	x							

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants								x
II - Standing Dead Vegetation					x			
III - Litter (in contact w/ the soil surface)			x					
IV - Biological Crust	x							
V - Rock/Gravel	x							
VI - Bare Ground				x				

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☐ or weig ☐

Dominant Species on Site

1 Sisymbrium
2 Kochia scoparia
3 Lactuca
4 Rumex

Noxious Weeds

1
2
3

Invasive Natives

1 Sisymbrium
2 Lactuca
3 Rumex

Invasive Exotics

1 Bromus tectorum
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2
3

Annual Forbs

1 Sisymbrium
2 Bassia hirsuta
3 Rumex

Perennial Grasses

1
2
3

Perennial Forbs

1
2
3

Shrubs and Trees

1
2
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1
2
3

Cover Worksheet

State: _____ **Office:** _____ **Ecological Site:** Introduced Upland Vegetation - Annual and Biennial Forbland

Observer(s): MM **Date:** 6/1/2011 **Site ID:** 6/1-14

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual					x			
Native Perennial			x					
Exotic Perennial						x		
II - Forb								
Annual						x		
Perennial		x						
III - Shrub				x				
IV - Tree		x						
V - Succulent	x							
VI - Biological Crust		x						

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants								x
II - Standing Dead Vegetation				x				
III - Litter (in contact w/ the soil surface)			x					
IV - Biological Crust		x						
V - Rock/Gravel		x						
VI - Bare Ground			x					

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)
-ESTIMATES

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Rumex
2 Bassia hirsuta
3 Bromus tectorum
4 Chrysothamnus nauseosus
5 Purshia tridentata

Noxious Weeds

1
2
3

Invasive Natives

1 Rumex
2
3

Invasive Exotics

1 Bromus tectorum
2 Salsola kali
3 Bassia hirsuta

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☑ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2
3

Annual Forbs

1 Rumex
2 Bassia hirsuta
3

Perennial Grasses

1 Pascopyrum smithii
2
3

Perennial Forbs

1 Medicago sativa
2
3

Shrubs and Trees

1 Chrysothamnus nauseosus
2 Purshia tridentata
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1
2
3

Cover Worksheet

State: _____ **Office:** _____ **Ecological Site:** Introduced Upland Vegetation - Annual and Biennial Forbland

Observer(s): MM **Date:** 5/26/2011 **Site ID:** 26-12

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual			x					
Native Perennial	x							
Exotic Perennial	x							
II - Forb								
Annual						x		
Perennial					x			
III - Shrub		x						
IV - Tree		x						
V - Succulent	x							
VI - Biological Crust	x							

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants								x
II - Standing Dead Vegetation	x							
III - Litter (in contact w/ the soil surface)		x						
IV - Biological Crust	x							
V - Rock/Gravel	x							
VI - Bare Ground				x				

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weight ☐.

Dominant Species on Site
1 Cardaria draba
2 Lepidium perfoliatum
3 Descurainia pinnata
4

Noxious Weeds
1 Cardaria draba
2
3

Invasive Natives
1 Lepidium perfoliatum
2 Descurainia pinnata
3 Cardaria draba - native?

Invasive Exotics
1 Bromus tectorum
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☑ or weight ☐ by life form.

Annual Grasses
1 Bromus tectorum
2
3

Annual Forbs
1 Lepidium perfoliatum
2
3

Perennial Grasses
1
2
3

Perennial Forbs
1 Cardaria draba
2
3

Shrubs and Trees
1 Elaeagnus angustifolia
2 Alnus
3

Succulents
1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)
1
2
3

Cover Worksheet

State: Oregon **Office:** **Ecological Site:** Introduced Upland Vegetation - Annual and Biennial Forbland

Observer(s): RS **Date:** 6/2/2011 **Site ID:** 060211-02

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual				x				
Native Perennial		x						
Exotic Perennial	x							
II - Forb								
Annual					x			
Perennial		x						
III - Shrub	x							
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust			x					

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants					x			
II - Standing Dead Vegetation			x					
III - Litter (in contact w/ the soil surface)			x					
IV - Biological Crust			x					
V - Rock/Gravel					x			
VI - Bare Ground					x			

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Lepidium perfoliatum
2 Eremopyrum triticeum
3 Bromus tectorum
4 Thlaspi arvense

Noxious Weeds

1 Cardaria draba
2
3

Invasive Natives

1
2
3

Invasive Exotics

1
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses

1 Eremopyrum triticeum
2 Bromus tectorum
3

Annual Forbs

1 Lepidium perfoliatum
2 Thlaspi arvense
3 Ceratocephala testiculata

Perennial Grasses

1 Poa secunda
2
3

Perennial Forbs

1 Cardaria draba
2
3

Shrubs and Trees

1
2
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 lichen
2
3

Cover Worksheet

State: OR **Office:** _____ **Ecological Site:** Introduced Upland Vegetation - Annual and Perennial Grassland

Observer(s): MM **Date:** 6/2/2011 **Site ID:** 6/2-2

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual								x
Native Perennial		x						
Exotic Perennial	x							
II - Forb								
Annual					x			
Perennial	x							
III - Shrub	x							
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust	x							

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants							x	
II - Standing Dead Vegetation		x						
III - Litter (in contact w/ the soil surface)	x							
IV - Biological Crust	x							
V - Rock/Gravel	x							
VI - Bare Ground					x			

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Bromus tectorum
2 Salsola
3 Poa annua
4 Descurainia pinnata

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1 Bromus tectorum
2 Salsola
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☑ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2 Poa annua
3

Annual Forbs

1 Salsola
2 Descurainia pinnata
3 Bassia hirsuta

Perennial Grasses

1 Hordeum jubatum
2
3

Perennial Forbs

1
2
3

Shrubs and Trees

1
2
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1
2
3

Cover Worksheet

State: Oregon **Office:** **Ecological Site:** Introduced Upland Vegetation - Annual and Perennial Grassland

Observer(s): MM **Date:** 5/10/2011 **Site ID:** 5/10-2 Map Tile 19

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual					x			
Native Perennial					x			
Exotic Perennial					x			
II - Forb								
Annual				x				
Perennial		x						
III - Shrub	x							
IV - Tree	x							
V - Succulent		x						
VI - Biological Crust		x						

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants						x		
II - Standing Dead Vegetation			x					
III - Litter (in contact w/ the soil surface)		x						
IV - Biological Crust		x						
V - Rock/Gravel		x						
VI - Bare Ground						x		

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)
-ESTIMATES

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover or weig . ☐ ☐

Dominant Species on Site

1 Agropyron cristatum
2 Bromus tectorum
3 Poa secunda
4

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1 Bromus tectorum
2
3

Part 2 (Optional) **Dominant Species by Life Form**

☐ ☐

The most common species are ranked according to dominance using cover or weight by life form.

Annual Grasses

1 Bromus tectorum
2
3

Annual Forbs

1 crosstop mustard
2 Amsinckia
3 RANTES

Perennial Grasses

1 Agropyron cristatum
2 Poa secunda
3

Perennial Forbs

1 Astragalus
2 Lupinus
3 Sphaeralcea coccinea
4 Agoseris 5 crosstop mustard

Shrubs and Trees

1
2
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 very little - moss
2
3

Cover Worksheet

State: Oregon **Office:** _____ **Ecological Site:** Introduced Upland Vegetation - Annual and Perennial Grassland

Observer(s): TJ **Date:** 6/9/2011 **Site ID:** 69-1

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual					x			
Native Perennial				x				
Exotic Perennial						x		
II - Forb								
Annual		x						
Perennial			x					
III - Shrub	x							
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust			x					

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants						x		
II - Standing Dead Vegetation	x							
III - Litter (in contact w/ the soil surface)					x			
IV - Biological Crust			x					
V - Rock/Gravel	x							
VI - Bare Ground					x			

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Agropyron cristatum
2 Bromus tectorum
3 Poa secunda
4

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1 Bromus tectorum
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☑ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2
3

Annual Forbs

1
2
3

Perennial Grasses

1 Agropyron cristatum
2 Pseudoroegneria spicata
3 Poa secunda

Perennial Forbs

1 Opuntia polyacantha
2 Crepis acuminatus
3 Sphaeralcea munroana

Shrubs and Trees

1
2
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1
2
3

Cover Worksheet

State: OREGON **Office:** _____ **Ecological Site:** Introduced Upland Vegetation - Annual and Perennial Grassland

Observer(s): Thad Jones **Date:** 4/7/2011 **Site ID:** 24.7

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual							x	
Native Perennial		x						
Exotic Perennial						x		
II - Forb								
Annual				x				
Perennial		x						
III - Shrub		x						
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust	x							

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants							x	
II - Standing Dead Vegetation			x					
III - Litter (in contact w/ the soil surface)					x			
IV - Biological Crust	x							
V - Rock/Gravel	x							
VI - Bare Ground		x						

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Bromus tectorum
2 Agropyron cristatum
3 Draba
4 Poa secunda

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1 Bromus tectorum
2 Sisymbrium altissimum
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☑ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2
3

Annual Forbs

1 Draba
2 Tragopogon dubius
3

Perennial Grasses

1 Agropyron cristatum
2 Elymus
3

Perennial Forbs

1
2
3

Shrubs and Trees

1 Chrysothamnus nauseosus
2
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1
2
3

Cover Worksheet

State: _____ **Office:** _____ **Ecological Site:** Introduced Upland Vegetation - Annual and Perennial Grassland

Observer(s): MM **Date:** 6/8/2011 **Site ID:** 6/8-4

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual					x			
Native Perennial					x			
Exotic Perennial				x				
II - Forb								
Annual								
Perennial								
III - Shrub			x					
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust				x				

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants						x		
II - Standing Dead Vegetation			x					
III - Litter (in contact w/ the soil surface)					x			
IV - Biological Crust				x				
V - Rock/Gravel		x						
VI - Bare Ground			x					

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Agropyron cristatum
2 Bromus tectorum
3 Festuca idahoensis
4

Noxious Weeds

1
2
3

Invasive Natives

1 Agropyron cristatum
2
3

Invasive Exotics

1 Bromus tectorum
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☑ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2
3

Annual Forbs

1 Descurainia pinnata
2
3

Perennial Grasses

1 Agropyron cristatum
2 Festuca idahoensis
3 Poa secunda

Perennial Forbs

1 Achillea millefolium
2
3

Shrubs and Trees

1 Chrysothamnus nauseosus
2
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 moss
2
3

Cover Worksheet

State: Oregon **Office:** _____ **Ecological Site:** Introduced Upland Vegetation - Annual and Perennial Grassland

Observer(s): Ansari **Date:** 7/24/2011 **Site ID:** 20110724-1

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual							x	
Native Perennial			x					
Exotic Perennial	x							
II - Forb								
Annual					x			
Perennial				x				
III - Shrub			x					
IV - Tree			x					
V - Succulent	x							
VI - Biological Crust	x							

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants								x
II - Standing Dead Vegetation			x					
III - Litter (in contact w/ the soil surface)			x					
IV - Biological Crust	x							
V - Rock/Gravel			x					
VI - Bare Ground			x					

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☐ or weig ☐

Dominant Species on Site

1 Bromus tectorum
2 _____
3 _____
4 _____

Noxious Weeds

1 _____
2 _____
3 _____

Invasive Natives

1 _____
2 _____
3 _____

Invasive Exotics

1 _____
2 _____
3 _____

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses

1 _____
2 _____
3 _____

Annual Forbs

1 _____
2 _____
3 _____

Perennial Grasses

1 _____
2 _____
3 _____

Perennial Forbs

1 _____
2 _____
3 _____

Shrubs and Trees

1 _____
2 _____
3 _____

Succulents

1 _____
2 _____
3 _____

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 _____
2 _____
3 _____

Cover Worksheet

State: _____ **Office:** _____ **Ecological Site:** Introduced Upland Vegetation - Annual and Perennial Grassland

Observer(s): MM **Date:** 6/27/2011 **Site ID:** 6/27-6

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual				x				
Native Perennial								
Exotic Perennial								x
II - Forb								
Annual				x				
Perennial								
III - Shrub								
IV - Tree								
V - Succulent								
VI - Biological Crust								

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants								x
II - Standing Dead Vegetation								
III - Litter (in contact w/ the soil surface)				x				
IV - Biological Crust	x							
V - Rock/Gravel	x							
VI - Bare Ground		x						

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☐ or weig ☐

Dominant Species on Site

1 Poa pratensis
2 Phleum pratense
3 Dactylis glomerata
4 Poa bulbosa

Noxious Weeds

1
2
3

Invasive Natives

1 Poa pratensis
2
3

Invasive Exotics

1 Poa bulbosa
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses

1 Bromus sterilis
2
3

Annual Forbs

1
2
3

Perennial Grasses

1 Poa pratensis
2 Phleum pratense
3 Dactylis glomerata
4 Poa bulbosa

Perennial Forbs

1 clover
2
3

Shrubs and Trees

1
2
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1
2
3

Cover Worksheet

State: Oregon **Office:** _____ **Ecological Site:** Introduced Upland Vegetation - Annual and Perennial Grassland

Observer(s): RS **Date:** 6/24/2011 **Site ID:** 062411-06

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual						x		
Native Perennial		x						
Exotic Perennial					x			
II - Forb								
Annual			x					
Perennial			x					
III - Shrub		x						
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust	x							

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants						x		
II - Standing Dead Vegetation			x					
III - Litter (in contact w/ the soil surface)						x		
IV - Biological Crust		x						
V - Rock/Gravel				x				
VI - Bare Ground			x					

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site
1 Taeniatherum caput-medusae
2 Poa bulbosa
3 Bromus tectorum
4 Cardaria draba

Noxious Weeds
1 Taeniatherum caput-medusae
2 Cardaria draba
3

Invasive Natives
1
2
3

Invasive Exotics
1
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☑ or weight ☐ by life form.

Annual Grasses
1 Taeniatherum caput-medusae
2 Bromus tectorum
3

Annual Forbs
1 Cardaria draba
2 Thlaspi arvense
3 Amsinckia lycopsoides

Perennial Grasses
1 Poa bulbosa
2
3

Perennial Forbs
1 Lupinus
2
3

Shrubs and Trees
1 Artemisia tridentata
2
3

Succulents
1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)
1
2
3

Cover Worksheet

State: Oregon **Office:** _____ **Ecological Site:** Introduced Upland Vegetation - Annual and Perennial Grassland

Observer(s): Thad Jones **Date:** 4/12/2011 **Site ID:** 55.4

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual							x	
Native Perennial					x			
Exotic Perennial	x							
II - Forb								
Annual		x						
Perennial	x							
III - Shrub	x							
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust	x							

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants								x
II - Standing Dead Vegetation		x						
III - Litter (in contact w/ the soil surface)				x				
IV - Biological Crust	x							
V - Rock/Gravel	x							
VI - Bare Ground		x						

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)
-ESTIMATES
-HEAVY GRAZING

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Bromus tectorum
2 Elymus
3 Erodium cicutarium
4

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1 Bromus tectorum
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☑ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2
3

Annual Forbs

1 Erodium cicutarium
2
3

Perennial Grasses

1 Elymus
2
3

Perennial Forbs

1
2
3

Shrubs and Trees

1
2
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1
2
3

Cover Worksheet

State: _____ **Office:** _____ **Ecological Site:** Introduced Upland Vegetation - Annual and Perennial Grassland

Observer(s): MM **Date:** 6/28/2011 **Site ID:** 6/28-16

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual							x	
Native Perennial				x				
Exotic Perennial				x				
II - Forb								
Annual		x						
Perennial		x						
III - Shrub		x						
IV - Tree		x						
V - Succulent	x							
VI - Biological Crust			x					

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants								x
II - Standing Dead Vegetation		x						
III - Litter (in contact w/ the soil surface)				x				
IV - Biological Crust			x					
V - Rock/Gravel				x				
VI - Bare Ground		x						

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Bromus sterilis
2 Poa bulbosa
3
4

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1 Bromus sterilis
2 Poa bulbosa
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses

1 Bromus sterilis
2
3

Annual Forbs

1
2
3

Perennial Grasses

1 Poa bulbosa
2 Festuca idahoensis
3 Koeleria macrantha

Perennial Forbs

1 Lomatium
2 Achillea millefolium
3 Astragalus

Shrubs and Trees

1 Eriogonum
2
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1
2
3

Cover Worksheet

State: Oregon **Office:** _____ **Ecological Site:** Introduced Upland Vegetation - Annual and Perennial Grassland

Observer(s): MM **Date:** 5/10/2011 **Site ID:** 5/10-3

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual							X	
Native Perennial								
Exotic Perennial								
II - Forb								
Annual				X				
Perennial			X					
III - Shrub				X				
IV - Tree	X							
V - Succulent	X							
VI - Biological Crust			X					

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants						X		
II - Standing Dead Vegetation			X					
III - Litter (in contact w/ the soil surface)				X				
IV - Biological Crust			X					
V - Rock/Gravel		X						
VI - Bare Ground						X		

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)
- ESTIMATES

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☐ or weight ☐.

Dominant Species on Site
1 Bromus tectorum
2 Chrysothamnus viscidiflorus
3
4

Noxious Weeds
1 Salsola kali
2
3

Invasive Natives
1 Cirsium vulgare
2
3

Invasive Exotics
1 Bromus tectorum
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses
1 Bromus tectorum
2
3

Annual Forbs
1
2
3

Perennial Grasses
1 Poa secunda
2 Leymus triticoides
3

Perennial Forbs
1 Agoseris
2 Arenaria
3

Shrubs and Trees
1 Chrysothamnus viscidiflorus
2
3

Succulents
1 Opuntia
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)
1 moss
2
3

Cover Worksheet

State: Oregon **Office:** _____ **Ecological Site:** Introduced Upland Vegetation - Annual and Perennial Grassland

Observer(s): TJ **Date:** 6/1/2011 **Site ID:** 024

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual			x					
Native Perennial			x					
Exotic Perennial						x		
II - Forb								
Annual		x						
Perennial		x						
III - Shrub		x						
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust			x					

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants						x		
II - Standing Dead Vegetation			x					
III - Litter (in contact w/ the soil surface)			x					
IV - Biological Crust			x					
V - Rock/Gravel			x					
VI - Bare Ground						x		

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Agropyron cristatum
2 Chrysothamnus viscidiflorus
3 Poa secunda
4 Pseudoroegneria spicata

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1 Bromus tectorum
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2
3

Annual Forbs

1
2
3

Perennial Grasses

1 Pseudoroegneria spicata
2 Poa secunda
3 Agropyron cristatum

Perennial Forbs

1 Balsamorhiza sagittata
2 Crepis
3 Phlox hoodii

Shrubs and Trees

1 Chrysothamnus viscidiflorus
2
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 moss
2 lichen
3

Cover Worksheet

State: IDAHO **Office:** _____ **Ecological Site:** Introduced Upland Vegetation - Annual and Perennial Grassland

Observer(s): RS **Date:** 5/14/2011 **Site ID:** 051411-02

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual					x			
Native Perennial			x					
Exotic Perennial	x							
II - Forb								
Annual			x					
Perennial	x							
III - Shrub			x					
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust			x					

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants				x				
II - Standing Dead Vegetation			x					
III - Litter (in contact w/ the soil surface)			x					
IV - Biological Crust			x					
V - Rock/Gravel				x				
VI - Bare Ground					x			

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover or weig ☑ ☐

Dominant Species on Site

1 Bromus tectorum
2 Ranunculus testiculatus
3 Atriplex confertifolia
4 Poa secunda

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1
2
3

Part 2 (Optional) **Dominant Species by Life Form**
The most common species are ranked according to dominance using cover or ☑ ght by li ☐ form.

Annual Grasses

1 Bromus tectorum
2
3

Annual Forbs

1 Ranunculus testiculatus
2 Lepidium
3 Amsinckia

Perennial Grasses

1 Poa secunda
2 Sitanion hystrix
3

Perennial Forbs

1
2
3

Shrubs and Trees

1 Atriplex confertifolia
2 Artemisia tridentata
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 moss
2 lichen
3

Cover Worksheet

State: IDAHO **Office:** _____ **Ecological Site:** Introduced Upland Vegetation - Annual and Perennial Grassland

Observer(s): TJ **Date:** 5/13/2011 **Site ID:** 81

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual							x	
Native Perennial					x			
Exotic Perennial								
II - Forb								
Annual	x							
Perennial	x							
III - Shrub	x							
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust		x						

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants							x	
II - Standing Dead Vegetation			x					
III - Litter (in contact w/ the soil surface)			x					
IV - Biological Crust		x						
V - Rock/Gravel								
VI - Bare Ground					x			

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Bromus tectorum
2 Poa secunda
3 Poa bulbosa
4

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1 Bromus tectorum
2 Poa bulbosa
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☑ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2 Poa bulbosa
3

Annual Forbs

1 Ranunculus testiculatus
2 Lepidium perfoliatum
3 Erodium cicutarium

Perennial Grasses

1 Poa secunda
2 Festuca
3

Perennial Forbs

1 Amsinckia
2
3

Shrubs and Trees

1
2
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1
2
3

Cover Worksheet

State: Oregon **Office:** _____ **Ecological Site:** Introduced Upland Vegetation - Annual and Perennial Grassland

Observer(s): TJ **Date:** 5/15/2011 **Site ID:** 212

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual						x		
Native Perennial		x						
Exotic Perennial			x					
II - Forb								
Annual						x		
Perennial		x						
III - Shrub		x						
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust	x							

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants						x		
II - Standing Dead Vegetation		x						
III - Litter (in contact w/ the soil surface)			x					
IV - Biological Crust	x							
V - Rock/Gravel		x						
VI - Bare Ground						x		

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site
1 Bromus tectorum
2 Lepidium perfoliatum
3 Poa bulbosa
4

Noxious Weeds
1 Cardaria draba
2
3

Invasive Natives
1
2
3

Invasive Exotics
1 Bromus tectorum
2 Lepidium perfoliatum
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☑ or weight ☐ by life form.

Annual Grasses
1 Bromus tectorum
2
3

Annual Forbs
1 Lepidium perfoliatum
2
3

Perennial Grasses
1 Poa bulbosa
2
3

Perennial Forbs
1
2
3

Shrubs and Trees
1 Atriplex collina
2
3

Succulents
1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)
1
2
3

Cover Worksheet

State: _____ **Office:** _____ **Ecological Site:** Introduced Upland Vegetation - Annual and Perennial Grassland

Observer(s): TJ/MM **Date:** 5/14/2011 **Site ID:** 240

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual							x	
Native Perennial		x						
Exotic Perennial								
II - Forb								
Annual								
Perennial					x			
III - Shrub	x							
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust	x							

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants							x	
II - Standing Dead Vegetation		x						
III - Litter (in contact w/ the soil surface)				x				
IV - Biological Crust	x							
V - Rock/Gravel				x				
VI - Bare Ground			x					

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)
-ESTIMATES

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site
1 Bromus tectorum
2 Cardaria draba
3 Poa bulbosa
4

Noxious Weeds
1 Cardaria draba
2
3

Invasive Natives
1 Poa bulbosa
2
3

Invasive Exotics
1 Bromus tectorum
2 Cardaria draba
3 Ranunculus testiculatus

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses
1 Bromus tectorum
2
3

Annual Forbs
1 Descurainia
2 various mustards
3

Perennial Grasses
1 Poa secunda
2 Poa bulbosa
3 Nasella viridula

Perennial Forbs
1 Cardaria draba
2 Balsamorhiza sag
3 Lupinus
4 Crepis
5 Astragalu
6 Phlox hoo
7 Agoseris
8 Periderid

Shrubs and Trees
1
2
3

Succulents
1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)
1
2
3

Cover Worksheet

State: IDAHO **Office:** _____ **Ecological Site:** Introduced Upland Vegetation - Annual and Perennial Grassland

Observer(s): RS **Date:** 5/10/2011 **Site ID:** RS0410

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual							x	
Native Perennial				x				
Exotic Perennial								
II - Forb								
Annual			x					
Perennial								
III - Shrub			x					
IV - Tree								
V - Succulent								
VI - Biological Crust				x				

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants				x				
II - Standing Dead Vegetation		x						
III - Litter (in contact w/ the soil surface)		x						
IV - Biological Crust		x						
V - Rock/Gravel			x					
VI - Bare Ground							x	

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☐ or weig ☐

Dominant Species on Site

1 Bromus tectorum
2 Atriplex collina
3 Artemisia tridentata
4

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1 Bromus tectorum
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2
3

Annual Forbs

1 Ranunculus testiculatus
2 Descurainia
3 Lupinus

Perennial Grasses

1 Poa secunda
2 Poa bulbosa
3 Sitanion hystrix

Perennial Forbs

1
2
3

Shrubs and Trees

1 Atriplex collina
2 Artemisia tridentata
3 Chrysothamnus

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 moss
2 lichen
3

Cover Worksheet

State: IDAHO **Office:** _____ **Ecological Site:** Introduced Upland Vegetation - Annual and Perennial Grassland

Observer(s): RS **Date:** 5/11/2011 **Site ID:** 051111-01

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual							x	
Native Perennial			x					
Exotic Perennial								
II - Forb								
Annual					x			
Perennial								
III - Shrub		x						
IV - Tree								
V - Succulent								
VI - Biological Crust			x					

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants				x				
II - Standing Dead Vegetation			x					
III - Litter (in contact w/ the soil surface)			x					
IV - Biological Crust			x					
V - Rock/Gravel				x				
VI - Bare Ground						x		

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Bromus tectorum
2 Ranunculus testiculatus
3 Atriplex collina
4 _____

Noxious Weeds

1 _____
2 _____
3 _____

Invasive Natives

1 _____
2 _____
3 _____

Invasive Exotics

1 _____
2 _____
3 _____

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2 _____
3 _____

Annual Forbs

1 Ranunculus testiculatus
2 _____
3 _____

Perennial Grasses

1 Poa secunda
2 Poa bulbosa
3 _____

Perennial Forbs

1 _____
2 _____
3 _____

Shrubs and Trees

1 Atriplex collina
2 _____
3 _____

Succulents

1 _____
2 _____
3 _____

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 lichen
2 moss
3 _____

Cover Worksheet

State: Oregon **Office:** **Ecological Site:** Introduced Upland Vegetation - Annual and Perennial Grassland

Observer(s): RS **Date:** 5/13/2011 **Site ID:** 051311-10

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual						x		
Native Perennial			x					
Exotic Perennial	x							
II - Forb								
Annual				x				
Perennial		x						
III - Shrub		x						
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust			x					

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants				x				
II - Standing Dead Vegetation			x					
III - Litter (in contact w/ the soil surface)			x					
IV - Biological Crust			x					
V - Rock/Gravel					x			
VI - Bare Ground						x		

Introduced Upland Vegeta

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Bromus tectorum
2 Ranunculus testiculatus
3 Poa secunda
4

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☑ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2
3

Annual Forbs

1 Thlaspi
2 Ranunculus testiculatus
3 Amsinckia

Perennial Grasses

1 Poa secunda
2 Sitanion hystrix
3

Perennial Forbs

1
2
3

Shrubs and Trees

1 Artemisia tridentata
2 Atriplex collina
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 moss
2 lichen
3

Cover Worksheet

State: Oregon **Office:** _____ **Ecological Site:** Introduced Upland Vegetation - Annual and Perennial Grassland

Observer(s): RS **Date:** 6/4/2011 **Site ID:** 060411-11

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual						x		
Native Perennial		x						
Exotic Perennial	x							
II - Forb								
Annual				x				
Perennial	x							
III - Shrub		x						
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust			x					

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants					x			
II - Standing Dead Vegetation			x					
III - Litter (in contact w/ the soil surface)				x				
IV - Biological Crust			x					
V - Rock/Gravel					x			
VI - Bare Ground						x		

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Bromus tectorum
2 Descurainia sophia
3 Sisymbrium altissimum
4 Agropyron cristatum

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1
2
3

Part 2 (Optional) **Dominant Species by Life Form**

☐ ☐

The most common species are ranked according to dominance using cover or weight by life form.

Annual Grasses

1 Bromus tectorum
2 Eremopyrum triticeum
3

Annual Forbs

1 Descurainia sophia
2 Sisymbrium altissimum
3

Perennial Grasses

1 Agropyron cristatum
2
3

Perennial Forbs

1
2
3

Shrubs and Trees

1 Tetradymia glabrata
2
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1
2
3

Cover Worksheet

State: Oregon **Office:** _____ **Ecological Site:** Introduced Upland Vegetation - Annual and Perennial Grassland

Observer(s): RS **Date:** 6/4/2011 **Site ID:** 060411-03

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual						x		
Native Perennial		x						
Exotic Perennial	x							
II - Forb								
Annual				x				
Perennial	x							
III - Shrub	x							
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust			x					

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants				x				
II - Standing Dead Vegetation			x					
III - Litter (in contact w/ the soil surface)			x					
IV - Biological Crust			x					
V - Rock/Gravel					x			
VI - Bare Ground						x		

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Bromus tectorum
2 Lepidium perfoliatum
3 Chorispora tenella
4 Descurainia sophia

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☑ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2
3

Annual Forbs

1 Lepidium perfoliatum
2 Descurainia sophia
3

Perennial Grasses

1 Agropyron cristatum
2 Poa secunda
3

Perennial Forbs

1
2
3

Shrubs and Trees

1
2
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 lichen
2 moss
3

Cover Worksheet

State: Oregon **Office:** _____ **Ecological Site:** Introduced Upland Vegetation - Annual and Perennial Grassland

Observer(s): RS **Date:** 6/3/2011 **Site ID:** 060311-01

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual				x				
Native Perennial		x						
Exotic Perennial				x				
II - Forb								
Annual			x					
Perennial	x							
III - Shrub	x							
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust			x					

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants					x			
II - Standing Dead Vegetation		x						
III - Litter (in contact w/ the soil surface)		x						
IV - Biological Crust			x					
V - Rock/Gravel					x			
VI - Bare Ground						x		

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Bromus tectorum
2 Agropyron cristatum
3 Poa bulbosa
4 Ceratocephala testiculata

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☑ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2 Agropyron cristatum
3 Poa bulbosa

Annual Forbs

1 Ceratocephala testiculata
2 Descurainia sophia
3

Perennial Grasses

1 Poa secunda
2
3

Perennial Forbs

1
2
3

Shrubs and Trees

1
2
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 moss
2 lichen
3

Cover Worksheet

State: Oregon **Office:** _____ **Ecological Site:** Introduced Upland Vegetation - Annual and Perennial Grassland

Observer(s): RS **Date:** 6/1/2011 **Site ID:** 061101-4

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual					x			
Native Perennial		x						
Exotic Perennial								
II - Forb								
Annual					x			
Perennial		x						
III - Shrub		x						
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust			x					

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants				x				
II - Standing Dead Vegetation			x					
III - Litter (in contact w/ the soil surface)			x					
IV - Biological Crust			x					
V - Rock/Gravel					x			
VI - Bare Ground					x			

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐ .

Dominant Species on Site

1 Bromus tectorum
2 Lepidium perfoliatum
3 Ceratocephala testiculata
4 Amsinckia lycopsoides

Noxious Weeds

1 Cardaria draba
2
3

Invasive Natives

1
2
3

Invasive Exotics

1
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☑ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2 Eremopyrum triticeum
3

Annual Forbs

1 Ceratocephala testiculata
2 Lepidium perfoliatum
3 Amsinckia lycopsoides

Perennial Grasses

1 Poa secunda
2
3

Perennial Forbs

1
2
3

Shrubs and Trees

1 Sarcobatus vermiculatus
2
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 moss
2 lichen
3

Cover Worksheet

State: Oregon **Office:** _____ **Ecological Site:** Introduced Upland Vegetation - Annual and Perennial Grassland

Observer(s): RS **Date:** 6/1/2011 **Site ID:** 060111-01

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual					x			
Native Perennial								
Exotic Perennial								
II - Forb								
Annual				x				
Perennial		x						
III - Shrub		x						
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust			x					

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants				x				
II - Standing Dead Vegetation			x					
III - Litter (in contact w/ the soil surface)			x					
IV - Biological Crust			x					
V - Rock/Gravel					x			
VI - Bare Ground					x			

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Eremopyrum triticeum
2 Ceratocephala testiculata
3 Lepidium perfoliatum
4 Descurainia sophia

Noxious Weeds

1 Cardaria draba
2
3

Invasive Natives

1
2
3

Invasive Exotics

1
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☑ or weight ☐ by life form.

Annual Grasses

1 Eremopyrum triticeum
2 Bromus tectorum
3

Annual Forbs

1 Ceratocephala testiculata
2 Lepidium perfoliatum
3 Descurainia sophia

Perennial Grasses

1 Poa secunda
2
3

Perennial Forbs

1
2
3

Shrubs and Trees

1 Sarcobatus vermiculatus
2
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 moss
2
3

Cover Worksheet

State: Oregon **Office:** _____ **Ecological Site:** Introduced Upland Vegetation - Annual and Perennial Grassland

Observer(s): RS **Date:** 6/21/2011 **Site ID:** 062111-03

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual					x			
Native Perennial			x					
Exotic Perennial					x			
II - Forb								
Annual			x					
Perennial		x						
III - Shrub			x					
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust			x					

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants					x			
II - Standing Dead Vegetation				x				
III - Litter (in contact w/ the soil surface)				x				
IV - Biological Crust			x					
V - Rock/Gravel						x		
VI - Bare Ground						x		

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover or weig ☑ ☐

Dominant Species on Site

1 Agropyron cristatum
2 Bromus tectorum
3 Phlox hoodii
4 Balsamorhiza sagittata

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1
2
3

Part 2 (Optional) **Dominant Species by Life Form**

☑ ☐

The most common species are ranked according to dominance using cover or weight by life form.

Annual Grasses

1 Bromus tectorum
2
3

Annual Forbs

1 Lepidium perfoliatum
2 Peltula sonorensis
3

Perennial Grasses

1 Agropyron cristatum
2 Poa secunda
3

Perennial Forbs

1 Balsamorhiza sagittata
2 Phlox hoodii
3

Shrubs and Trees

1 Artemisia tridentata
2 Sarcobatus vermiculatus
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 lichen
2 moss
3

Cover Worksheet

State: Oregon **Office:** _____ **Ecological Site:** Introduced Upland Vegetation - Annual and Perennial Grassland

Observer(s): RS **Date:** 6/22/2011 **Site ID:** 062211-06

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual				x				
Native Perennial			x					
Exotic Perennial					x			
II - Forb								
Annual			x					
Perennial			x					
III - Shrub			x					
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust			x					

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants						x		
II - Standing Dead Vegetation				x				
III - Litter (in contact w/ the soil surface)			x					
IV - Biological Crust			x					
V - Rock/Gravel				x				
VI - Bare Ground						x		

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover or weig ☑ ☐

Dominant Species on Site

1 Poa bulbosa
2 Bromus tectorum
3 Poa secunda
4

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1
2
3

Part 2 (Optional) **Dominant Species by Life Form**

☑ ☐

The most common species are ranked according to dominance using cover or weight by life form.

Annual Grasses

1 Bromus tectorum
2
3

Annual Forbs

1 Amsinckia lycopsoides
2
3

Perennial Grasses

1 Poa bulbosa
2 Poa secunda
3 Sitanion hystrix

Perennial Forbs

1 Luipinus
2 Allium
3

Shrubs and Trees

1 Artemisia tridentata
2 Heterotheca pumila
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 lichen
2
3

Cover Worksheet

State: Oregon **Office:** _____ **Ecological Site:** Introduced Upland Vegetation - Annual and Perennial Grassland

Observer(s): RS **Date:** 6/24/2011 **Site ID:** 062411-08

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual					x			
Native Perennial				x				
Exotic Perennial					x			
II - Forb								
Annual				x				
Perennial				x				
III - Shrub		x						
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust		x						

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants						x		
II - Standing Dead Vegetation			x					
III - Litter (in contact w/ the soil surface)			x					
IV - Biological Crust			x					
V - Rock/Gravel					x			
VI - Bare Ground						x		

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site
1 Poa bulbosa
2 Bromus tectorum
3 Festuca
4 Thlaspi arvense

Noxious Weeds
1 Cardaria draba
2 Taeniatherum caput-medusae
3

Invasive Natives
1
2
3

Invasive Exotics
1
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☑ or weight ☐ by life form.

Annual Grasses
1 Bromus tectorum
2 Taeniatherum caput-medusae
3

Annual Forbs
1 Thlaspi arvense
2
3

Perennial Grasses
1 Poa bulbosa
2 Festuca
3 Poa secunda

Perennial Forbs
1 Lupinus
2 Achillea millefolium
3

Shrubs and Trees
1 Artemisia tridentata
2
3

Succulents
1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)
1 lichen
2
3

Cover Worksheet

State: Oregon **Office:** _____ **Ecological Site:** Introduced Upland Vegetation - Annual and Perennial Grassland

Observer(s): RS **Date:** 6/27/2011 **Site ID:** 062711-05

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual							x	
Native Perennial			x					
Exotic Perennial				x				
II - Forb								
Annual				x				
Perennial		x						
III - Shrub		x						
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust			x					

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants							x	
II - Standing Dead Vegetation				x				
III - Litter (in contact w/ the soil surface)				x				
IV - Biological Crust			x					
V - Rock/Gravel				x				
VI - Bare Ground				x				

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Bromus tectorum
2 Taeniatherum caput-medusae
3 Poa bulbosa
4 Erodium cicutarium

Noxious Weeds

1 Taeniatherum caput-medusae
2
3

Invasive Natives

1
2
3

Invasive Exotics

1
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☑ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2 Taeniatherum caput-medusae
3

Annual Forbs

1 Erodium cicutarium
2 Helianthus
3 Thlaspi arvense

Perennial Grasses

1 Poa bulbosa
2
3

Perennial Forbs

1
2
3

Shrubs and Trees

1 Artemisia tridentata
2
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 moss
2 lichen
3

Cover Worksheet

State: _____ **Office:** _____ **Ecological Site:** Introduced Upland Vegetation - Annual and Perennial Grassland

Observer(s): MM **Date:** 5/24/2011 **Site ID:** 24-5

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual							x	
Native Perennial		x						
Exotic Perennial	x							
II - Forb								
Annual			x					
Perennial		x						
III - Shrub		x						
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust			x					

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants							x	
II - Standing Dead Vegetation			x					
III - Litter (in contact w/ the soil surface)				x				
IV - Biological Crust			x					
V - Rock/Gravel			x					
VI - Bare Ground				x				

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover or weig ☐ ☐

Dominant Species on Site
1 Bromus tectorum
2
3
4

Noxious Weeds
1
2
3

Invasive Natives
1
2
3

Invasive Exotics
1 Bromus tectorum
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses
1 Bromus tectorum
2
3

Annual Forbs
1 Descurainia pinnata
2 Amsinckia
3 Lepidium perfoliatum

Perennial Grasses
1 Poa secunda
2 Sitanion hystrix
3

Perennial Forbs
1
2
3

Shrubs and Trees
1 Artemisia tridentata
2
3

Succulents
1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)
1 moss
2
3

Cover Worksheet

State: _____ **Office:** _____ **Ecological Site:** Introduced Upland Vegetation - Annual and Perennial Grassland

Observer(s): MM **Date:** 5/26/2011 **Site ID:** 26-8

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual						x		
Native Perennial					x			
Exotic Perennial	x							
II - Forb								
Annual				x				
Perennial		x						
III - Shrub			x					
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust		x						

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants							x	
II - Standing Dead Vegetation			x					
III - Litter (in contact w/ the soil surface)				x				
IV - Biological Crust		x						
V - Rock/Gravel		x						
VI - Bare Ground				x				

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site
1 Bromus tectorum
2 Poa bulbosa
3
4

Noxious Weeds
1 Cardaria draba
2
3

Invasive Natives
1
2
3

Invasive Exotics
1 Bromus tectorum
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses
1 Bromus tectorum
2
3

Annual Forbs
1 Agoseris
2
3

Perennial Grasses
1 Poa bulbosa
2 Nasella viridula
3

Perennial Forbs
1
2
3

Shrubs and Trees
1 Artemisia tridentata
2
3

Succulents
1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)
1
2
3

Cover Worksheet

State: _____ **Office:** _____ **Ecological Site:** Introduced Upland Vegetation - Annual and Perennial Grassland

Observer(s): MM **Date:** 6/1/2011 **Site ID:** 6/1-20

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual								x
Native Perennial	x							
Exotic Perennial	x							
II - Forb								
Annual		x						
Perennial	x							
III - Shrub	x							
IV - Tree		x						
V - Succulent	x							
VI - Biological Crust	x							

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants								x
II - Standing Dead Vegetation	x							
III - Litter (in contact w/ the soil surface)			x					
IV - Biological Crust	x							
V - Rock/Gravel	x							
VI - Bare Ground			x					

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)
-ESTIMATES

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Bromus tectorum
2 Secale cereale
3
4

Noxious Weeds

1
2
3

Invasive Natives

1 Secale cereale
2
3

Invasive Exotics

1 Bromus tectorum
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2 Secale cereale
3 Poa bulbosa

Annual Forbs

1 Amsinckia
2
3

Perennial Grasses

1
2
3

Perennial Forbs

1
2
3

Shrubs and Trees

1
2
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1
2
3

Cover Worksheet

State: _____ **Office:** _____ **Ecological Site:** Introduced Upland Vegetation - Annual and Perennial Grassland

Observer(s): MM **Date:** 6/2/2011 **Site ID:** 6/2-5

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual								x
Native Perennial		x						
Exotic Perennial	x							
II - Forb								
Annual			x					
Perennial	x							
III - Shrub		x						
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust			x					

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants								x
II - Standing Dead Vegetation		x						
III - Litter (in contact w/ the soil surface)		x						
IV - Biological Crust			x					
V - Rock/Gravel	x							
VI - Bare Ground			x					

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)
-ESTIMATES

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Bromus tectorum
2 Hordeum jubatum
3
4

Noxious Weeds

1
2
3

Invasive Natives

1 Amsinckia
2
3

Invasive Exotics

1 Bromus tectorum
2 Salsola
3 Bassia hirsuta

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2 Hordeum jubatum
3

Annual Forbs

1 Amsinckia
2 Salsola
3 Bassia hirsuta

Perennial Grasses

1 Poa secunda
2
3

Perennial Forbs

1
2
3

Shrubs and Trees

1 Purshia tridentata
2
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 moss
2
3

Cover Worksheet

State: _____ **Office:** _____ **Ecological Site:** Introduced Upland Vegetation - Annual and Perennial Grassland

Observer(s): MM **Date:** 6/3/2011 **Site ID:** 6/3-2

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual								x
Native Perennial	x							
Exotic Perennial	x							
II - Forb								
Annual		x						
Perennial	x							
III - Shrub	x							
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust		x						

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants								x
II - Standing Dead Vegetation								
III - Litter (in contact w/ the soil surface)								
IV - Biological Crust		x						
V - Rock/Gravel	x							
VI - Bare Ground		x						

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)
-ESTIMATES

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☐ or weig ☐

Dominant Species on Site
1 Bromus tectorum
2 Hordeum jubatum
3
4

Noxious Weeds
1
2
3

Invasive Natives
1
2
3

Invasive Exotics
1 Bromus tectorum
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses
1 Bromus tectorum
2 Hordeum jubatum
3

Annual Forbs
1 Descurainia pinnata
2
3

Perennial Grasses
1
2
3

Perennial Forbs
1
2
3

Shrubs and Trees
1
2
3

Succulents
1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)
1 moss
2
3

Cover Worksheet

State: _____ **Office:** _____ **Ecological Site:** Introduced Upland Vegetation - Annual and Perennial Grassland

Observer(s): MM **Date:** 6/4/2011 **Site ID:** 6/4-7

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual							x	
Native Perennial					x			
Exotic Perennial	x							
II - Forb								
Annual		x						
Perennial	x							
III - Shrub		x						
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust			x					

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants								x
II - Standing Dead Vegetation			x					
III - Litter (in contact w/ the soil surface)			x					
IV - Biological Crust				x				
V - Rock/Gravel		x						
VI - Bare Ground				x				

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)
-ESTIMATES

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☐ or weig ☐

Dominant Species on Site

1 Bromus tectorum
2 Poa secunda
3
4

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1 Bromus tectorum
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2
3

Annual Forbs

1 Amsinckia
2 Achillea millefolium
3

Perennial Grasses

1 Poa secunda
2 Stipa comata
3 Sitanion hystrix

Perennial Forbs

1
2
3

Shrubs and Trees

1 Chrysothamnus nauseosus
2
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1
2
3

Cover Worksheet

State: _____ **Office:** _____ **Ecological Site:** Introduced Upland Vegetation - Annual and Perennial Grassland

Observer(s): MM **Date:** 6/21/2011 **Site ID:** 6/21-1

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual								x
Native Perennial	x							
Exotic Perennial			x					
II - Forb								
Annual			x					
Perennial		x						
III - Shrub	x							
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust		x						

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants							x	
II - Standing Dead Vegetation		x						
III - Litter (in contact w/ the soil surface)				x				
IV - Biological Crust		x						
V - Rock/Gravel	x							
VI - Bare Ground		x						

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)
-ESTIMATES

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site
1 Bromus japonicus
2
3
4

Noxious Weeds
1
2
3

Invasive Natives
1
2
3

Invasive Exotics
1 Dipsacus
2 Bromus japonicus
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses
1 Bromus japonicus
2 Bromus tectorum
3 Bromus hordeaceus

Annual Forbs
1 Amsinckia
2 Dipsacus
3

Perennial Grasses
1 Agropyron
2
3

Perennial Forbs
1 Achillea millefolium
2
3

Shrubs and Trees
1
2
3

Succulents
1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)
1 moss
2
3

Cover Worksheet

State: _____ **Office:** _____ **Ecological Site:** Introduced Upland Vegetation - Annual and Perennial Grassland

Observer(s): MM **Date:** 6/21/2011 **Site ID:** 6/21-19

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual						x		
Native Perennial	x							
Exotic Perennial	x							
II - Forb								
Annual						x		
Perennial			x					
III - Shrub	x							
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust	x							

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants							x	
II - Standing Dead Vegetation	x							
III - Litter (in contact w/ the soil surface)				x				
IV - Biological Crust	x							
V - Rock/Gravel		x						
VI - Bare Ground			x					

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☐ or weig ☐

Dominant Species on Site
1 Bromus japonicus
2 Descurainia pinnata
3 Hordeum jubatum
4

Noxious Weeds
1 unknown
2
3

Invasive Natives
1 Descurainia pinnata
2
3

Invasive Exotics
1 Bromus japonicus
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses
1 Bromus japonicus
2 Bromus tectorum
3 Hordeum jubatum

Annual Forbs
1 Descurainia pinnata
2
3

Perennial Grasses
1
2
3

Perennial Forbs
1 Polygonum bistortoides
2 Achillea millefolium
3 Melilotus officinalis
4 Anthrisus scandicina

Shrubs and Trees
1
2
3

Succulents
1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)
1
2
3

Cover Worksheet

State: _____ **Office:** _____ **Ecological Site:** Introduced Upland Vegetation - Annual and Perennial Grassland

Observer(s): MM **Date:** 6/22/2011 **Site ID:** 6/22-10

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual								x
Native Perennial				x				
Exotic Perennial								
II - Forb								
Annual			x					
Perennial		x						
III - Shrub	x							
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust			x					

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants							x	
II - Standing Dead Vegetation			x					
III - Litter (in contact w/ the soil surface)				x				
IV - Biological Crust			x					
V - Rock/Gravel				x				
VI - Bare Ground			x					

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☐ or weig ☐

Dominant Species on Site
1 Bromus sterilis
2 Agropyron spicatum
3
4

Noxious Weeds
1 Taeniatherum caput-medusae
2
3

Invasive Natives
1
2
3

Invasive Exotics
1 Bromus sterilis
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses
1 Bromus sterilis
2 Bromus tectorum
3 Bromus hordeaceus

Annual Forbs
1 Amsinckia
2
3

Perennial Grasses
1 Agropyron spicatum
2
3

Perennial Forbs
1 Achillea millefolium
2
3

Shrubs and Trees
1
2
3

Succulents
1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)
1 moss
2
3

Cover Worksheet

State: _____ **Office:** _____ **Ecological Site:** Introduced Upland Vegetation - Annual and Perennial Grassland

Observer(s): MM **Date:** 6/23/2011 **Site ID:** 6/23-9

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual					x			
Native Perennial				x				
Exotic Perennial					x			
II - Forb								
Annual			x					
Perennial					x			
III - Shrub								
IV - Tree								
V - Succulent								
VI - Biological Crust			x					

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants						x		
II - Standing Dead Vegetation		x						
III - Litter (in contact w/ the soil surface)			x					
IV - Biological Crust			x					
V - Rock/Gravel		x						
VI - Bare Ground				x				

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)
-ESTIMATES

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Bromus sterilis
2 Lupinus sulphureus
3 Poa bulbosa
4 Poa secunda

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1 Bromus hordeaceus
2 Poa bulbosa
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses

1 Bromus sterilis
2 Bromus tectorum
3

Annual Forbs

1
2
3

Perennial Grasses

1 Poa bulbosa
2 Poa secunda
3

Perennial Forbs

1 Lupinus sulphureus
2 Achillea millefolium
3 Astragalus
4 Eriogonum

Shrubs and Trees

1
2
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1
2
3

Cover Worksheet

State: _____ **Office:** _____ **Ecological Site:** Introduced Upland Vegetation - Annual and Perennial Grassland

Observer(s): MM **Date:** 6/23/2011 **Site ID:** 6/23-14

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual								x
Native Perennial		x						
Exotic Perennial	x							
II - Forb								
Annual		x						
Perennial			x					
III - Shrub	x							
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust		x						

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants								x
II - Standing Dead Vegetation	x							
III - Litter (in contact w/ the soil surface)			x					
IV - Biological Crust		x						
V - Rock/Gravel	x							
VI - Bare Ground			x					

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site
1 Bromus sterilis
2 Taeniatherum caput-medusae
3 Vulpia
4

Noxious Weeds
1 Taeniatherum caput-medusae
2
3

Invasive Natives
1
2
3

Invasive Exotics
1 Taeniatherum caput-medusae
2 Vulpia
3 Bromus sterilis

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses
1 Bromus sterilis
2 Taeniatherum caput-medusae
3 Vulpia

Annual Forbs
1
2
3

Perennial Grasses
1 Poa secunda
2 Festuca idahoensis
3

Perennial Forbs
1 Hypericum perforatum
2 Lupinus sulphureus
3 Achillea millefolium

Shrubs and Trees
1
2
3

Succulents
1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)
1
2
3

Cover Worksheet

State: _____ **Office:** _____ **Ecological Site:** Introduced Upland Vegetation - Annual and Perennial Grassland

Observer(s): MM **Date:** 6/24/2011 **Site ID:** 6/24-4

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual							x	
Native Perennial					x			
Exotic Perennial								
II - Forb								
Annual			x					
Perennial				x				
III - Shrub	x							
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust	x							

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants						x		
II - Standing Dead Vegetation								
III - Litter (in contact w/ the soil surface)					x			
IV - Biological Crust	x							
V - Rock/Gravel	x							
VI - Bare Ground				x				

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☐ or weig ☐

Dominant Species on Site

1 Bromus sterilis
2 Poa pratensis
3 Vulpia
4 Poa bulbosa

Noxious Weeds

1
2
3

Invasive Natives

1 Poa pratensis
2
3

Invasive Exotics

1 Bromus sterilis
2 Poa bulbosa
3 Vulpia

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses

1 Bromus sterilis
2 Vulpia
3

Annual Forbs

1 Collinsia
2
3

Perennial Grasses

1 Poa bulbosa
2 Poa pratensis
3

Perennial Forbs

1 Lomatium
2 Potentilla
3

Shrubs and Trees

1
2
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1
2
3

Cover Worksheet

State: _____ **Office:** _____ **Ecological Site:** Introduced Upland Vegetation - Annual and Perennial Grassland

Observer(s): MM **Date:** 6/27/2011 **Site ID:** 6/27-35

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual						x		
Native Perennial			x					
Exotic Perennial						x		
II - Forb								
Annual			x					
Perennial				x				
III - Shrub		x						
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust	x							

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants								x
II - Standing Dead Vegetation		x						
III - Litter (in contact w/ the soil surface)				x				
IV - Biological Crust		x						
V - Rock/Gravel		x						
VI - Bare Ground			x					

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☐ or weig ☐

Dominant Species on Site
1 Bromus sterilis
2 Poa bulbosa
3 Poa pratensis
4 Taeniatherum caput-medusae

Noxious Weeds
1 Taeniatherum caput-medusae
2
3

Invasive Natives
1 Poa pratensis
2
3

Invasive Exotics
1 Bromus sterilis
2 Poa bulbosa
3 Taeniatherum caput-medusae

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses
1 Bromus sterilis
2 Taeniatherum caput-medusae
3

Annual Forbs
1
2
3

Perennial Grasses
1 Poa bulbosa
2 Poa pratensis
3

Perennial Forbs
1 Achillea millefolium
2 Lomatium
3

Shrubs and Trees
1
2
3

Succulents
1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)
1
2
3

Cover Worksheet

State: Oregon **Office:** **Ecological Site:** Introduced Upland Vegetation - Annual and Perennial Grassland

Observer(s): H.Heist/B. Greenwood **Date:** 6/28/2011 **Site ID:** 6-28-4

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual							x	
Native Perennial						x		
Exotic Perennial								
II - Forb								
Annual						x		
Perennial						x		
III - Shrub	x							
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust	x							

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants								x
II - Standing Dead Vegetation			x					
III - Litter (in contact w/ the soil surface)			x					
IV - Biological Crust	x							
V - Rock/Gravel				x				
VI - Bare Ground				x				

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☐ or weig ☐

Dominant Species on Site

1 Bromus tectorum
2 Vulpia octoflora
3 Lomatium
4 Pseudoroegneria spicata

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1 Bromus tectorum
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2 Vulpia octoflora
3 Bromus arvensis

Annual Forbs

1 Lithophragma parviflorum
2 Myosotis stricta
3 Madia

Perennial Grasses

1 Pseudoroegneria spicata
2 Poa secunda
3 Festuca idahoensis

Perennial Forbs

1 Brodiaea
2 Lomatium
3 Wyethia

Shrubs and Trees

1
2
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1
2
3

Cover Worksheet

State: OREGON **Office:** _____ **Ecological Site:** Introduced Upland Vegetation - Annual and Perennial Grassland

Observer(s): H.Heist/B.Greenwood **Date:** 6/23/2011 **Site ID:** 6-23-1

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual							x	
Native Perennial					x			
Exotic Perennial								
II - Forb								
Annual				x				
Perennial							x	
III - Shrub	x							
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust	x							

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants							x	
II - Standing Dead Vegetation		x						
III - Litter (in contact w/ the soil surface)			x					
IV - Biological Crust		x						
V - Rock/Gravel			x					
VI - Bare Ground				x				

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☐ or weig ☐

Dominant Species on Site

1 Bromus sterilis
2 Poa bulbosa
3 Pseudoroegneria spicata
4

Noxious Weeds

1
2
3

Invasive Natives

1 Grindelia squarrosa
2 Hypericum perforatum
3

Invasive Exotics

1
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses

1 Bromus sterilis
2 Poa bulbosa
3

Annual Forbs

1 Polygonum?
2 Myosotis stricta
3

Perennial Grasses

1 Pseudoroegneria spicata
2 Festuca idahoensis
3 Poa secunda

Perennial Forbs

1 Eriogonum
2 Achillea
3 Lomatium

Shrubs and Trees

1
2
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1
2
3

Cover Worksheet

State: OREGON **Office:** _____ **Ecological Site:** Introduced Upland Vegetation - Annual and Perennial Grassland

Observer(s): H.Heist/B.Greenwood **Date:** 6/24/2011 **Site ID:** 6-24-1

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual							x	
Native Perennial						x		
Exotic Perennial		x						
II - Forb								
Annual						x		
Perennial						x		
III - Shrub	x							
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust	x							

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants								x
II - Standing Dead Vegetation			x					
III - Litter (in contact w/ the soil surface)				x				
IV - Biological Crust	x							
V - Rock/Gravel		x						
VI - Bare Ground			x					

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☐ or weig ☐

Dominant Species on Site

1 Bromus sterilis
2 Bromus arvensis
3 Agropyron
4 Medicago sativa

Noxious Weeds

1
2
3

Invasive Natives

1 Dipsacus
2 Lepidium perfoliatum
3

Invasive Exotics

1 Bromus tectorum
2 Bromus arvensis
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses

1 Bromus sterilis
2 Bromus tectorum
3

Annual Forbs

1 Lepidium perfoliatum
2 Dipsacus
3 Madia

Perennial Grasses

1 Agropyron
2 Agropyron cristatum
3

Perennial Forbs

1 Achillea
2 Grindelia squarrosa
3 Medicago sativa

Shrubs and Trees

1
2
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1
2
3

Cover Worksheet

State: _____ **Office:** _____ **Ecological Site:** Introduced Upland Vegetation - Annual and Perennial Grassland

Observer(s): MM **Date:** 7/14/2011 **Site ID:** 7/14-5

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual							x	
Native Perennial		x						
Exotic Perennial					x			
II - Forb								
Annual			x					
Perennial			x					
III - Shrub	x							
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust	x							

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants							x	
II - Standing Dead Vegetation			x					
III - Litter (in contact w/ the soil surface)								
IV - Biological Crust	x							
V - Rock/Gravel				x				
VI - Bare Ground			x					

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☐ or weig ☐

Dominant Species on Site
1 Bromus sterilis
2 Taeniatherum caput-medusae
3 Poa bulbosa
4

Noxious Weeds
1 Taeniatherum caput-medusae
2
3

Invasive Natives
1
2
3

Invasive Exotics
1 Taeniatherum caput-medusae
2 Bromus sterilis
3 Poa bulbosa

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses
1 Taeniatherum caput-medusae
2 Bromus sterilis
3 Bromus japonicus

Annual Forbs
1 Amsinckia
2
3

Perennial Grasses
1 Poa bulbosa
2
3

Perennial Forbs
1 Achillea millefolium
2
3

Shrubs and Trees
1
2
3

Succulents
1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)
1
2
3

Cover Worksheet

State: _____ **Office:** _____ **Ecological Site:** Introduced Upland Vegetation - Annual and Perennial Grassland

Observer(s): MM **Date:** 7/20/2011 **Site ID:** 7/20-21

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual								x
Native Perennial		x						
Exotic Perennial								
II - Forb								
Annual				x				
Perennial		x						
III - Shrub		x						
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust		x						

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants								x
II - Standing Dead Vegetation		x						
III - Litter (in contact w/ the soil surface)		x						
IV - Biological Crust		x						
V - Rock/Gravel			x					
VI - Bare Ground			x					

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover or weig ☐ ☐

Dominant Species on Site

1 Bromus japonicus
2 Bromus tectorum
3
4

Noxious Weeds

1 Taeniatherum caput-medusae
2 Cardaria draba
3

Invasive Natives

1
2
3

Invasive Exotics

1 Bromus japonicus
2 Bromus tectorum
3 Taeniatherum caput-medusae

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses

1 Bromus japonicus
2 Bromus tectorum
3 Taeniatherum caput-medusae

Annual Forbs

1 Sinapis
2
3

Perennial Grasses

1 Agropyron spicatum
2 Agropyron cristatum
3

Perennial Forbs

1 Cardaria draba
2
3

Shrubs and Trees

1
2
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1
2
3

Cover Worksheet

State: OR **Office:** _____ **Ecological Site:** Introduced Upland Vegetation - Annual and Perennial Grassland

Observer(s): TJ **Date:** 6/5/2011 **Site ID:** 65-10

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual							x	
Native Perennial		x						
Exotic Perennial	x							
II - Forb								
Annual			x					
Perennial		x						
III - Shrub		x						
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust	x							

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants							x	
II - Standing Dead Vegetation	x							
III - Litter (in contact w/ the soil surface)					x			
IV - Biological Crust	x							
V - Rock/Gravel			x					
VI - Bare Ground				x				

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Bromus tectorum
2 Artemisia tridentata
3 Chrysothamnus viscidiflorus
4

Noxious Weeds

1 Taeniatherum caput-medusae
2
3

Invasive Natives

1
2
3

Invasive Exotics

1 Bromus tectorum
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☑ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2
3

Annual Forbs

1 Erodium cicutarium
2 Lactuca seriola
3 Erodium cicutarium

Perennial Grasses

1 Poa secunda
2
3

Perennial Forbs

1 Balsamorhiza sagittata
2
3

Shrubs and Trees

1 Artemisia tridentata
2 Chrysothamnus nauseosus
3 Chrysothamnus viscidiflorus

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1
2
3

Cover Worksheet

State: OR **Office:** _____ **Ecological Site:** Introduced Upland Vegetation - Annual and Perennial Grassland

Observer(s): TJ **Date:** 6/7/2011 **Site ID:** 67-7

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual					x			
Native Perennial					x			
Exotic Perennial				x				
II - Forb								
Annual		x						
Perennial			x					
III - Shrub		x						
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust	x							

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants						x		
II - Standing Dead Vegetation	x							
III - Litter (in contact w/ the soil surface)					x			
IV - Biological Crust	x							
V - Rock/Gravel			x					
VI - Bare Ground					x			

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Pseudoroegneria spicata
2 Bromus tectorum
3 Poa bulbosa
4

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1 Bromus tectorum
2 Poa bulbosa
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☑ or weight ☐ by life form.

Annual Grasses

1 Bromus tectorum
2
3

Annual Forbs

1
2
3

Perennial Grasses

1 Pseudoroegneria spicata
2 Poa bulbosa
3 Poa secunda

Perennial Forbs

1 Lupinus
2 Balsamorhiza sagittata
3 Perideridia gairdneri

Shrubs and Trees

1 Chrysothamnus nauseosus
2
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1
2
3

Cover Worksheet

State: OR **Office:** _____ **Ecological Site:** Introduced Upland Vegetation - Annual and Perennial Grassland

Observer(s): TJ **Date:** _____ **Site ID:** _____

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual								
Native Perennial								
Exotic Perennial								
II - Forb								
Annual								
Perennial								
III - Shrub								
IV - Tree								
V - Succulent								
VI - Biological Crust								

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants								
II - Standing Dead Vegetation								
III - Litter (in contact w/ the soil surface)								
IV - Biological Crust								
V - Rock/Gravel								
VI - Bare Ground								

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☐ or weig ☐

Dominant Species on Site

1 _____
2 _____
3 _____
4 _____

Noxious Weeds

1 _____
2 _____
3 _____

Invasive Natives

1 _____
2 _____
3 _____

Invasive Exotics

1 _____
2 _____
3 _____

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses

1 _____
2 _____
3 _____

Annual Forbs

1 _____
2 _____
3 _____

Perennial Grasses

1 _____
2 _____
3 _____

Perennial Forbs

1 _____
2 _____
3 _____

Shrubs and Trees

1 _____
2 _____
3 _____

Succulents

1 _____
2 _____
3 _____

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 _____
2 _____
3 _____

Cover Worksheet

State: _____ **Office:** _____ **Ecological Site:** Northern Rocky Mountain Dry-Mesic Montane Mixed

Observer(s): MM **Date:** 6/26/2011 **Site ID:** 6/26-30

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual	x							
Native Perennial			x					
Exotic Perennial					x			
II - Forb								
Annual								
Perennial					x			
III - Shrub		x						
IV - Tree			x					
V - Succulent								
VI - Biological Crust					x			

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants		x				x		
II - Standing Dead Vegetation			x					
III - Litter (in contact w/ the soil surface)								
IV - Biological Crust					x			
V - Rock/Gravel			x					
VI - Bare Ground					x			

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover or weig ☐ ☐

Dominant Species on Site

1 Poa pratensis
2 Poa bulbosa
3 Allium ascalonicum
4

Noxious Weeds

1
2
3

Invasive Natives

1 Poa bulbosa
2
3

Invasive Exotics

1
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses

1
2
3

Annual Forbs

1
2
3

Perennial Grasses

1 Poa pratensis
2 Poa bulbosa
3

Perennial Forbs

1 Allium ascalonicum
2 Sedum
3 Achillea millefolium
4 Delphinium 5 Camassia

Shrubs and Trees

1 Symphoricarpos alba
2 Pinus ponderosa
3 Mertensia

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1
2
3

Cover Worksheet

State: OR **Office:** **Ecological Site:** Northern Rocky Mountain Dry-Mesic Montane Mixed

Observer(s): Ansari **Date:** 7/21/2011 **Site ID:** 20110721-1

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual							x	
Native Perennial			x					
Exotic Perennial	x							
II - Forb								
Annual								x
Perennial				x				
III - Shrub				x				
IV - Tree					x			
V - Succulent	x							
VI - Biological Crust	x							

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants								x
II - Standing Dead Vegetation		x						
III - Litter (in contact w/ the soil surface)			x					
IV - Biological Crust	x							
V - Rock/Gravel	x							
VI - Bare Ground			x					

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☐ or weig ☐

Dominant Species on Site

1 Abies
2 Pinus ponderosa
3 Poa pratensis
4 Amelanchier

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses

1
2
3

Annual Forbs

1
2
3

Perennial Grasses

1
2
3

Perennial Forbs

1
2
3

Shrubs and Trees

1
2
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1
2
3

Cover Worksheet

State: _____ **Office:** _____ **Ecological Site:** Northern Rocky Mountain Dry-Mesic Montane Mixed

Observer(s): MM **Date:** 6/24/2011 **Site ID:** 6/24-10

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual			x					
Native Perennial					x			
Exotic Perennial	x							
II - Forb								
Annual		x						
Perennial					x			
III - Shrub						x		
IV - Tree			x					
V - Succulent								
VI - Biological Crust								

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants								x
II - Standing Dead Vegetation			x					
III - Litter (in contact w/ the soil surface)				x				
IV - Biological Crust			x					
V - Rock/Gravel		x						
VI - Bare Ground		x						

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Pinus ponderosa
2 Gaultheria
3 Amelanchier
4 Calamagrostis rubescens

Noxious Weeds

1
2
3

Invasive Natives

1 Poa pratensis
2
3

Invasive Exotics

1 Poa bulbosa
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☑ or weight ☐ by life form.

Annual Grasses

1 Poa bulbosa
2
3

Annual Forbs

1 Geum
2 Erigeron
3

Perennial Grasses

1 Calamagrostis rubescens
2 Poa pratensis
3

Perennial Forbs

1 Potentilla
2 Lupinus
3 Achillea millefolium

Shrubs and Trees

1 Pinus ponderosa
2 Pseudotsuga menziesii
3 Abies grandis
4 Gaultheria, Amelanchier, Prunus virginiana

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1
2
3

Cover Worksheet

State: _____ **Office:** _____ **Ecological Site:** Northern Rocky Mountain Dry-Mesic Montane Mixed

Observer(s): MM **Date:** 6/24/2011 **Site ID:** 6/24-15

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual	x							
Native Perennial				x				
Exotic Perennial			x					
Annual			x					
Perennial					x			
III - Shrub							x	
IV - Tree					x			
V - Succulent	x							
VI - Biological Crust			x					

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants								x
II - Standing Dead Vegetation			x					
III - Litter (in contact w/ the soil surface)			x					
IV - Biological Crust		x						
V - Rock/Gravel		x						
VI - Bare Ground		x						

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☐ or weig ☐

Dominant Species on Site

1 Pinus ponderosa
2 Pseudotsuga menziesii
3 Gaultheria
4 Amelanchier

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1 Poa bulbosa
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses

1 Bromus
2
3

Annual Forbs

1
2
3

Perennial Grasses

1 Achnatherum
2 Calamagrostis rubescens
3 Poa bulbosa
4 Poa pratensis

Perennial Forbs

1 Geum
2 Potentilla
3 Erigeron

Shrubs and Trees

1 Pinus ponderosa
2 Pseudotsuga menziesii
3 Gaultheria
4 Rosa, Physocarpus

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1
2
3

Cover Worksheet

State: _____ **Office:** _____ **Ecological Site:** Northern Rocky Mountain Dry-Mesic Montane Mixed

Observer(s): MM **Date:** 6/25/2011 **Site ID:** 6/25-3

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual								
Native Perennial			x					
Exotic Perennial				x				
II - Forb								
Annual				x				
Perennial					x			
III - Shrub								
IV - Tree						x		
V - Succulent								
VI - Biological Crust								

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants								x
II - Standing Dead Vegetation			x					
III - Litter (in contact w/ the soil surface)				x				
IV - Biological Crust			x					
V - Rock/Gravel		x						
VI - Bare Ground		x						

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☐ or weig ☐

Dominant Species on Site

1 Pinus ponderosa
2 Pseudotsuga menziesii
3 Gaultheria
4 Carex geyeri

Noxious Weeds

1
2
3

Invasive Natives

1 Poa pratensis
2
3

Invasive Exotics

1 Vulpia
2 Poa bulbosa
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses

1 Vulpia
2
3

Annual Forbs

1 Erigerson
2 Aster
3

Perennial Grasses

1 Poa bulbosa
2 Carex geyeri
3 Poa pratensis

Perennial Forbs

1 Achillea millefolium
2 Lupinus
3 Delphinium

Shrubs and Trees

1 Pinus ponderosa
2 Rosa
3 Pseudotsuga menziesii
4 Amelanchier

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1
2
3

Cover Worksheet

State: _____ **Office:** _____ **Ecological Site:** Northern Rocky Mountain Dry-Mesic Montane Mixed

Observer(s): MM **Date:** 6/26/2011 **Site ID:** 6/26-14

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual	x							
Native Perennial				x				
Exotic Perennial				x				
II - Forb								
Annual			x					
Perennial				x				
III - Shrub					x			
IV - Tree							x	
V - Succulent								
VI - Biological Crust								

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants	x							x
II - Standing Dead Vegetation								
III - Litter (in contact w/ the soil surface)				x				
IV - Biological Crust		x						
V - Rock/Gravel		x						
VI - Bare Ground		x						

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Larix
2 Pinus ponderosa
3
4

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses

1
2
3

Annual Forbs

1
2
3

Perennial Grasses

1 Calamagrostis rubescens
2 Poa pratensis
3

Perennial Forbs

1 Thermopsis
2 Achillea millefolium
3 Fragaria
4 Mertensia

Shrubs and Trees

1 Larix
2 Pinus ponderosa
3 Pseudotsuga menziesii
4 Abies grandis 5 Ceanothus 6 Symphoricarpos 7 Rosa

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1
2
3

Cover Worksheet

State: _____ **Office:** _____ **Ecological Site:** Northern Rocky Mountain Dry-Mesic Montane Mixed

Observer(s): MM **Date:** 6/26/2011 **Site ID:** 6/26-32

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual	x							
Native Perennial				x				
Exotic Perennial			x					
II - Forb								
Annual		x						
Perennial				x				
III - Shrub						x		
IV - Tree							x	
V - Succulent	x							
VI - Biological Crust		x						

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants								x
II - Standing Dead Vegetation		x						
III - Litter (in contact w/ the soil surface)			x					
IV - Biological Crust			x					
V - Rock/Gravel		x						
VI - Bare Ground		x						

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Abies grandis
2 Pseudotsuga menziesii
3 Pinus contorta
4 Vaccinium scoparium
5 Arnica cordifolia

Noxious Weeds

1
2
3

Invasive Natives

1 Poa pratensis
2 Poa bulbosa
3

Invasive Exotics

1
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses

1
2
3

Annual Forbs

1
2
3

Perennial Grasses

1 Calamagrostis rubescens
2 Poa pratensis
3 Poa bulbosa

Perennial Forbs

1 Thermopsis
2 Arnica cordifolia
3

Shrubs and Trees

1 Abies grandis
2 Pseudotsuga menziesii
3 Pinus contorta
4 Vaccinium scoparium
5 Symphoricarpos alba

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 moss
2
3

Cover Worksheet

State: Oregon **Office:** _____ **Ecological Site:** Northern Rocky Mountain Dry-Mesic Montane Mixed

Observer(s): H.Heist/B.Grenwood **Date:** 6/28/2011 **Site ID:** 6-28-2

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual		x						
Native Perennial								x
Exotic Perennial	x							
II - Forb								
Annual			x					
Perennial								x
III - Shrub					x			
IV - Tree					x			
V - Succulent	x							
VI - Biological Crust	x							

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants								x
II - Standing Dead Vegetation			x					
III - Litter (in contact w/ the soil surface)				x				
IV - Biological Crust		x						
V - Rock/Gravel				x				
VI - Bare Ground			x					

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☐ or weig ☐

Dominant Species on Site

1 Carex garberi
2 Holodiscus discolor
3 Pinus ponderosa
4 Gaultheria

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses

1
2
3

Annual Forbs

1 Annual unknown
2
3

Perennial Grasses

1 Carex garberi
2 Agropyron
3

Perennial Forbs

1 Arnica
2 Achillea
3 Aster

Shrubs and Trees

1 Pinus ponderosa
2 Gaultheria
3 Holodiscus discolor
4 Amelanchier

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1
2
3

Cover Worksheet

State: Oregon **Office:** **Ecological Site:** Northern Rocky Mountain Dry-Mesic Montane Mixed

Observer(s): H.Heist/B.Greenwood **Date:** 6/26/2011 **Site ID:** 6-26-1

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual			x					
Native Perennial								x
Exotic Perennial								
II - Forb								
Annual			x					
Perennial								x
III - Shrub				x				
IV - Tree				x				
V - Succulent	x							
VI - Biological Crust		x						

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants							x	
II - Standing Dead Vegetation			x					
III - Litter (in contact w/ the soil surface)				x				
IV - Biological Crust		x						
V - Rock/Gravel		x						
VI - Bare Ground			x					

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover or weig ☐ ☐

Dominant Species on Site

1 Pinus ponderosa
2 Calamagrostis rubescens
3 Arnica
4 Gaultheria

Noxious Weeds

1 Hieracium cynoglossoides
2
3

Invasive Natives

1
2
3

Invasive Exotics

1
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses

1 Poa bulbosa
2 Agropyron
3

Annual Forbs

1 Galium
2 Hypericum perforatum
3

Perennial Grasses

1 Calamagrostis rubescens
2 Agropyron
3

Perennial Forbs

1 Arnica
2 Potentilla
3 Achillea

Shrubs and Trees

1 Larix
2 Pinus ponderosa
3 Pseudotsuga menziesii
4 Gaultheria
5 Holodiscus discolor

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1
2
3

Cover Worksheet

State: Oregon **Office:** **Ecological Site:** Northern Rocky Mountain Dry-Mesic Montane Mixed

Observer(s): H.Heist/B.Greenwood **Date:** 6/26/2011 **Site ID:** 6-26-6

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual		x						
Native Perennial								x
Exotic Perennial								
II - Forb								
Annual			x					
Perennial								x
III - Shrub				x				
IV - Tree					x			
V - Succulent	x							
VI - Biological Crust			x					

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants								x
II - Standing Dead Vegetation			x					
III - Litter (in contact w/ the soil surface)				x				
IV - Biological Crust			x					
V - Rock/Gravel		x						
VI - Bare Ground			x					

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☐ or weig ☐

Dominant Species on Site
1 Larix
2 Thermopsis montana
3 Calamagrostis rubescens
4 Arctostaphylos uva-ursi

Noxious Weeds
1
2
3

Invasive Natives
1
2
3

Invasive Exotics
1 Hypericum perforatum
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses
1
2
3

Annual Forbs
1 unknown
2
3

Perennial Grasses
1 Calamagrostis rubescens
2
3

Perennial Forbs
1 Thermopsis montana
2 Hypericum perforatum
3 Fragaria
4 Achillea

Shrubs and Trees
1 Larix
2 Pinus ponderosa
3 Arctostaphylos uva-ursi

Succulents
1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)
1 moss
2
3

Cover Worksheet

State: Oregon **Office:** **Ecological Site:** Northern Rocky Mountain Dry-Mesic Montane Mixed

Observer(s): H.Heist/B.Greenwood **Date:** 6/27/2011 **Site ID:** 6-27-1

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual		x						
Native Perennial								x
Exotic Perennial								
II - Forb								
Annual		x						
Perennial								x
III - Shrub				x				
IV - Tree					x			
V - Succulent	x							
VI - Biological Crust	x							

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants								x
II - Standing Dead Vegetation			x					
III - Litter (in contact w/ the soil surface)				x				
IV - Biological Crust	x							
V - Rock/Gravel		x						
VI - Bare Ground		x						

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover or weig ☐ ☐

Dominant Species on Site

1 Pseudotsuga menziesii
2 Pinus ponderosa
3 Carex garberi
4 Arnica

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses

1
2
3

Annual Forbs

1
2
3

Perennial Grasses

1 Carex garberi
2
3

Perennial Forbs

1 Arnica
2 Ericameria
3 Fragaria
4 Achillea

Shrubs and Trees

1 Pinus ponderosa
2 Pseudotsuga menziesii
3 Gaultheria
4 Larix
5 Abies grandis

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1
2
3

Cover Worksheet

State: _____ **Office:** _____ **Ecological Site:** Northern Rocky Mountain Dry-Mesic Montane Mixed

Observer(s): MM **Date:** 7/14/2011 **Site ID:** 7-14-8

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual		x						
Native Perennial		x						
Exotic Perennial			x					
II - Forb								
Annual		x						
Perennial				x				
III - Shrub						x		
IV - Tree					x			
V - Succulent	x							
VI - Biological Crust		x						

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants								x
II - Standing Dead Vegetation	x							
III - Litter (in contact w/ the soil surface)		x						
IV - Biological Crust		x						
V - Rock/Gravel			x					
VI - Bare Ground		x						

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site
1 Pseudotsuga menziesii
2 Amelanchier alnifolia
3 Physocarpus malvaceus
4

Noxious Weeds
1 Hieracium cynoglossoides
2
3

Invasive Natives
1 Poa pratensis
2
3

Invasive Exotics
1
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses
1
2
3

Annual Forbs
1
2
3

Perennial Grasses
1 Calamagrostis rubescens
2
3

Perennial Forbs
1 Achillea millefolium
2 Geranium viscosissimum
3

Shrubs and Trees
1 Amelanchier alnifolia
2 Physocarpus malvaceus
3 Rosa

Succulents
1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)
1
2
3

Cover Worksheet

State: _____ **Office:** _____ **Ecological Site:** Northern Rocky Mountain Dry-Mesic Montane Mixed

Observer(s): MM **Date:** 7/15/2011 **Site ID:** 7/15-15

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual								
Native Perennial			x					
Exotic Perennial				x				
II - Forb								
Annual								
Perennial								
III - Shrub						x		
IV - Tree						x		
V - Succulent		x						
VI - Biological Crust		x						

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants								x
II - Standing Dead Vegetation		x						
III - Litter (in contact w/ the soil surface)		x						
IV - Biological Crust			x					
V - Rock/Gravel	x							
VI - Bare Ground		x						

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site
1 Pseudotsuga menziesii
2 Symphoricarpos alba
3 Pinus ponderosa
4 _____

Noxious Weeds
1 Hieracium cynoglossoides
2 _____
3 _____

Invasive Natives
1 Poa pratensis
2 Bromus inermis
3 Dactylis glomerata

Invasive Exotics
1 _____
2 _____
3 _____

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses
1 _____
2 _____
3 _____

Annual Forbs
1 Hieracium cynoglossoides
2 _____
3 _____

Perennial Grasses
1 Bromus inermis
2 Poa pratensis
3 _____

Perennial Forbs
1 Lupinus
2 Thermopsis
3 _____

Shrubs and Trees
1 Pseudotsuga menziesii
2 Pinus ponderosa
3 Symphoricarpos alba

Succulents
1 _____
2 _____
3 _____

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)
1 _____
2 _____
3 _____

Cover Worksheet

State: _____ **Office:** _____ **Ecological Site:** Northern Rocky Mountain Dry-Mesic Montane Mixed

Observer(s): MM **Date:** 7/15/2011 **Site ID:** 7/15-19

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual		x						
Native Perennial		x						
Exotic Perennial						x		
II - Forb								
Annual		x						
Perennial			x					
III - Shrub						x		
IV - Tree					x			
V - Succulent	x							
VI - Biological Crust	x							

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants								x
II - Standing Dead Vegetation		x						
III - Litter (in contact w/ the soil surface)		x						
IV - Biological Crust	x							
V - Rock/Gravel		x						
VI - Bare Ground		x						

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover or weig ☑ ☐

Dominant Species on Site

1 Symphoricarpos alba
2 Physocarpus malvaceus
3 Pinus ponderosa
4 Pseudotsuga menziesii

Noxious Weeds

1 Hieracium cynoglossoides
2
3

Invasive Natives

1
2
3

Invasive Exotics

1
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses

1 Poa bulbosa
2
3

Annual Forbs

1
2
3

Perennial Grasses

1 Dactylis glomerata
2 Agropyron cristatum
3 Bromus inermis

Perennial Forbs

1 Achillea millefolium
2 Senecio
3

Shrubs and Trees

1 Symphoricarpos alba
2 Physocarpus malvaceus
3 Pinus ponderosa

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1
2
3

Cover Worksheet

State: _____ **Office:** _____ **Ecological Site:** Northern Rocky Mountain Dry-Mesic Montane Mixed

Observer(s): MM **Date:** 7/16/2011 **Site ID:** 7/16-5

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual	x							
Native Perennial			x					
Exotic Perennial	x							
II - Forb								
Annual	x							
Perennial			x					
III - Shrub							x	
IV - Tree							x	
V - Succulent	x							
VI - Biological Crust		x						

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants								x
II - Standing Dead Vegetation		x						
III - Litter (in contact w/ the soil surface)				x				
IV - Biological Crust		x						
V - Rock/Gravel		x						
VI - Bare Ground	x							

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover or weig ☐ ☐

Dominant Species on Site

1 Pinus ponderosa
2 Pseudotsuga menziesii
3 Symphoricarpos alba
4

Noxious Weeds

1 Hieracium cynoglossoides
2
3

Invasive Natives

1
2
3

Invasive Exotics

1
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses

1
2
3

Annual Forbs

1
2
3

Perennial Grasses

1 Calamagrostis rubescens
2 Carex geyeri
3 Stipa

Perennial Forbs

1 Fragaria
2 Arnica cordifolia
3 Smilacina

Shrubs and Trees

1 Pinus ponderosa
2 Pseudotsuga menziesii
3 Symphoricarpos alba
4 Spiraea betulifolia
5 Prunus virginiana
6 Amelanchier
7 Sambucus

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1
2
3

Cover Worksheet

State: OR **Office:** **Ecological Site:** Northern Rocky Mountain Dry-Mesic Montane Mixed

Observer(s): Ansari **Date:** 7/20/2011 **Site ID:** 20110720-9

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual							x	
Native Perennial			x					
Exotic Perennial		x						
II - Forb								
Annual						x		
Perennial		x						
III - Shrub	x							
IV - Tree					x			
V - Succulent	x							
VI - Biological Crust	x							

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants								x
II - Standing Dead Vegetation			x					
III - Litter (in contact w/ the soil surface)			x					
IV - Biological Crust	x							
V - Rock/Gravel			x					
VI - Bare Ground			x					

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☐ or weig ☐

Dominant Species on Site

1 Poa secunda
2 Pinus ponderosa
3 _____
4 _____

Noxious Weeds

1 _____
2 _____
3 _____

Invasive Natives

1 _____
2 _____
3 _____

Invasive Exotics

1 _____
2 _____
3 _____

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses

1 _____
2 _____
3 _____

Annual Forbs

1 _____
2 _____
3 _____

Perennial Grasses

1 _____
2 _____
3 _____

Perennial Forbs

1 _____
2 _____
3 _____

Shrubs and Trees

1 _____
2 _____
3 _____

Succulents

1 _____
2 _____
3 _____

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 _____
2 _____
3 _____

Cover Worksheet

State: OR **Office:** **Ecological Site:** Northern Rocky Mountain Dry-Mesic Montane Mixed

Observer(s): Ansari **Date:** 7/20/2011 **Site ID:** 20110720-17

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual							x	
Native Perennial			x					
Exotic Perennial	x							
II - Forb								
Annual								x
Perennial		x						
III - Shrub	x							
IV - Tree						x		
V - Succulent	x							
VI - Biological Crust	x							

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants								x
II - Standing Dead Vegetation			x					
III - Litter (in contact w/ the soil surface)				x				
IV - Biological Crust	x							
V - Rock/Gravel	x							
VI - Bare Ground		x						

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☐ or weig ☐

Dominant Species on Site

1 Pseudotsuga menziesii
2 Lupinus
3 Abies
4 Pinus ponderosa

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses

1
2
3

Annual Forbs

1
2
3

Perennial Grasses

1
2
3

Perennial Forbs

1
2
3

Shrubs and Trees

1
2
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1
2
3

Cover Worksheet

State: OR **Office:** **Ecological Site:** Northern Rocky Mountain Dry-Mesic Montane Mixed

Observer(s): Ansari **Date:** 7/21/2011 **Site ID:** 20110721-4

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual				x				
Native Perennial		x						
Exotic Perennial	x							
II - Forb								
Annual						x		
Perennial			x					
III - Shrub					x			
IV - Tree						x		
V - Succulent	x							
VI - Biological Crust	x							

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants								x
II - Standing Dead Vegetation			x					
III - Litter (in contact w/ the soil surface)			x					
IV - Biological Crust	x							
V - Rock/Gravel	x							
VI - Bare Ground			x					

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☐ or weig ☐

Dominant Species on Site

1 Pseudotsuga menziesii
2 Abies
3 Pinus ponderosa
4 _____

Noxious Weeds

1 _____
2 _____
3 _____

Invasive Natives

1 _____
2 _____
3 _____

Invasive Exotics

1 _____
2 _____
3 _____

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses

1 _____
2 _____
3 _____

Annual Forbs

1 _____
2 _____
3 _____

Perennial Grasses

1 _____
2 _____
3 _____

Perennial Forbs

1 _____
2 _____
3 _____

Shrubs and Trees

1 _____
2 _____
3 _____

Succulents

1 _____
2 _____
3 _____

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 _____
2 _____
3 _____

Cover Worksheet

State: Oregon **Office:** **Ecological Site:** Northern Rocky Mountain Ponderosa Pine Woodland

Observer(s): B. Greenwood/H. Heist **Date:** 6/27/2011 **Site ID:** 627-11

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual			x					
Native Perennial								x
Exotic Perennial	x							
II - Forb								
Annual	x							
Perennial								x
III - Shrub				x				
IV - Tree							x	
V - Succulent	x							
VI - Biological Crust	x							

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants								x
II - Standing Dead Vegetation			x					
III - Litter (in contact w/ the soil surface)				x				
IV - Biological Crust	x							
V - Rock/Gravel	x							
VI - Bare Ground			x					

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Pinus ponderosa
2 Carex garberi
3 Spiraea
4 Gaultheria

Noxious Weeds

1
2
3

Invasive Natives

1 Pinus ponderosa
2 Bromus inermis
3

Invasive Exotics

1
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☑ or weight ☐ by life form.

Annual Grasses

1 Bromus inermis
2
3

Annual Forbs

1
2
3

Perennial Grasses

1 Carex garberi
2
3

Perennial Forbs

1 Fragaria
2 Aquilegia
3

Shrubs and Trees

1 Pinus ponderosa
2 Spiraea
3 Gaultheria

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1
2
3

Cover Worksheet

State: _____ **Office:** _____ **Ecological Site:** Northern Rocky Mountain Ponderosa Pine Woodland

Observer(s): MM **Date:** 6/27/2011 **Site ID:** 6/27-18

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual				x				
Native Perennial				x				
Exotic Perennial							x	
II - Forb								
Annual		x						
Perennial			x					
III - Shrub		x						
IV - Tree				x				
V - Succulent		x						
VI - Biological Crust		x						

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants								x
II - Standing Dead Vegetation			x					
III - Litter (in contact w/ the soil surface)				x				
IV - Biological Crust			x					
V - Rock/Gravel			x					
VI - Bare Ground			x					

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☐ or weig ☐

Dominant Species on Site

1 Poa bulbosa
2 Poa pratensis
3 Bromus sterilis
4

Noxious Weeds

1
2
3

Invasive Natives

1 Poa pratensis
2
3

Invasive Exotics

1 Poa bulbosa
2 Bromus sterilis
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses

1 Bromus sterilis
2
3

Annual Forbs

1
2
3

Perennial Grasses

1 Poa bulbosa
2 Poa pratensis
3

Perennial Forbs

1 Lupinus
2 Potentilla
3 Achillea millefolium

Shrubs and Trees

1 Pinus ponderosa
2 Symphoricarpos alba
3 Crataegus douglasii

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1
2
3

Cover Worksheet

State: _____ **Office:** _____ **Ecological Site:** Northern Rocky Mountain Ponderosa Pine Woodland

Observer(s): MM **Date:** 6/28/2011 **Site ID:** 6/28-7

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual								
Native Perennial						x		
Exotic Perennial								
II - Forb								
Annual								
Perennial				x				
III - Shrub					x			
IV - Tree					x			
V - Succulent		x						
VI - Biological Crust				x				

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants							x	
II - Standing Dead Vegetation		x						
III - Litter (in contact w/ the soil surface)					x			
IV - Biological Crust					x			
V - Rock/Gravel			x					
VI - Bare Ground			x					

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☐ or weig ☐

Dominant Species on Site

1 Festuca idahoensis
2 Poa secunda
3 Pinus ponderosa
4 Eriogonum

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses

1 Poa bulbosa
2
3

Annual Forbs

1
2
3

Perennial Grasses

1 Festuca idahoensis
2 Poa secunda
3

Perennial Forbs

1 Achillea millefolium
2
3

Shrubs and Trees

1 Symphoricarpos alba
2 Eriogonum
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 moss
2 lichen
3

Cover Worksheet

State: Oregon **Office:** _____ **Ecological Site:** Northern Rocky Mountain Ponderosa Pine Woodland

Observer(s): H. Heist/B. Greenwood **Date:** 6/28/2011 **Site ID:** 6-28-16

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual						x		
Native Perennial							x	
Exotic Perennial				x				
II - Forb								
Annual			x					
Perennial							x	
III - Shrub			x					
IV - Tree				x				
V - Succulent	x							
VI - Biological Crust	x							

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants								x
II - Standing Dead Vegetation			x					
III - Litter (in contact w/ the soil surface)				x				
IV - Biological Crust	x							
V - Rock/Gravel		x						
VI - Bare Ground			x					

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☐ or weig ☐

Dominant Species on Site

1 Festuca idahoensis
2 Rumex acetosella
3 Pinus ponderosa
4 Poa pratensis

Noxious Weeds

1 Hieracium cynoglossoides
2
3

Invasive Natives

1
2
3

Invasive Exotics

1 Bromus tectorum
2 Poa pratensis
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses

1 Poa bulbosa
2 Bromus tectorum
3 Poa pratensis

Annual Forbs

1 Tragapogon
2 Tragopogon dubious
3

Perennial Grasses

1 Festuca idahoensis
2 Koeleria macrantha
3 Agropyron

Perennial Forbs

1 Rumex acetosella
2 Lupinus
3 Achillea

Shrubs and Trees

1 Pinus ponderosa
2 Gaultheria
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1
2
3

Cover Worksheet

State: Oregon **Office:** **Ecological Site:** Northern Rocky Mountain Ponderosa Pine Woodland

Observer(s): H. Heist/ B. Greenwood **Date:** 6/22/2011 **Site ID:** 622-1

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual						x		
Native Perennial			x					
Exotic Perennial		x						
II - Forb								
Annual						x		
Perennial					x			
III - Shrub				x				
IV - Tree				x				
V - Succulent	x							
VI - Biological Crust	x							

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants								x
II - Standing Dead Vegetation			x					
III - Litter (in contact w/ the soil surface)		x						
IV - Biological Crust	x							
V - Rock/Gravel		x						
VI - Bare Ground			x					

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☐ or weig ☐

Dominant Species on Site
1 Poa pratensis
2 Prunus virginiana
3 Lupinus
4 Crataegus

Noxious Weeds
1 Taeniatherum caput-medusae
2 Hieracium cynoglossoides
3

Invasive Natives
1 Anthrisus scandicina
2 Dipsacus
3

Invasive Exotics
1 Bromus arvensis
2 Poa bulbosa
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses
1 Poa pratensis
2 Bromus
3 Bromus arvensis

Annual Forbs
1 Astragalus
2 Anthrisus scandicina
3

Perennial Grasses
1 Dactylis glomerata
2 Poa pratensis
3 Bromus inermis

Perennial Forbs
1 Lupinus
2 Polygonum bistortoides
3

Shrubs and Trees
1 Crataegus
2 Acer glabrum
3 Prunus virginiana
4 Gaultheria

Succulents
1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)
1
2
3

Cover Worksheet

State: OREGON **Office:** **Ecological Site:** Northern Rocky Mountain Ponderosa Pine Woodland

Observer(s): H.Heist/B.Greenwood **Date:** 6/22/2011 **Site ID:** 622-12

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual							x	
Native Perennial				x				
Exotic Perennial								
II - Forb								
Annual				x				
Perennial							x	
III - Shrub							x	
IV - Tree				x				
V - Succulent	x							
VI - Biological Crust	x							

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants							x	
II - Standing Dead Vegetation			x					
III - Litter (in contact w/ the soil surface)				x				
IV - Biological Crust	x							
V - Rock/Gravel			x					
VI - Bare Ground			x					

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☐ or weig ☐

Dominant Species on Site

1 Gaultheria
2 Oligoneuron
3 Pinus ponderosa
4 Rosa

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses

1 Poa bulbosa
2
3

Annual Forbs

1 Taraxacum officinale
2
3

Perennial Grasses

1 Poa
2 Poa protensis
3

Perennial Forbs

1 Spirea
2 Oligoneuron
3 Potentilla

Shrubs and Trees

1 Rosa
2 Pinus ponderosa
3 Gaultheria
4 Holodiscus discolor

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1
2
3

Cover Worksheet

State: Oregon **Office:** **Ecological Site:** Northern Rocky Mountain Ponderosa Pine Woodland

Observer(s): H.Heist/B.Greenwood **Date:** 6/23/2011 **Site ID:** 6-23-16

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual		x						
Native Perennial		x						
Exotic Perennial								x
II - Forb								
Annual					x			
Perennial							x	
III - Shrub							x	
IV - Tree				x				
V - Succulent	x							
VI - Biological Crust	x							

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants							x	
II - Standing Dead Vegetation			x					
III - Litter (in contact w/ the soil surface)				x				
IV - Biological Crust	x							
V - Rock/Gravel			x					
VI - Bare Ground			x					

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☐ or weig ☐

Dominant Species on Site

1 Holodiscus discolor
2 Gaultheria
3 Prunus virginiana
4 Rosa

Noxious Weeds

1
2
3

Invasive Natives

1 Hypericum perforatum
2
3

Invasive Exotics

1
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses

1 Bromus
2
3

Annual Forbs

1 Erodium cicutarium
2 Claytonia perfoliata
3 Medicago polymorpha

Perennial Grasses

1 Poa pratensis
2
3

Perennial Forbs

1 Lupinus
2 Potentilla
3

Shrubs and Trees

1 Holodiscus discolor
2 Gaultheria
3 Sambucus

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1
2
3

Cover Worksheet

State: Oregon **Office:** _____ **Ecological Site:** Northern Rocky Mountain Ponderosa Pine Woodland

Observer(s): H.Heist/B.Greenwood **Date:** 6/25/2011 **Site ID:** 6-25-1

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual						x		
Native Perennial						x		
Exotic Perennial					x			
II - Forb								
Annual				x				
Perennial								x
III - Shrub				x				
IV - Tree					x			
V - Succulent	x							
VI - Biological Crust	x							

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants								x
II - Standing Dead Vegetation			x					
III - Litter (in contact w/ the soil surface)				x				
IV - Biological Crust		x	x					
V - Rock/Gravel								
VI - Bare Ground			x					

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☐ or weig ☐

Dominant Species on Site

1 Vulpia octoflora
2 Pinus ponderosa
3 Achillea
4 Gaultheria

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1 Poa pratensis
2 Bromus arvensis
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses

1 Vulpia octoflora
2 Poa bulbosa
3 Bromus arvensis

Annual Forbs

1 Phlox
2 Myosotis stricta
3 Lithophragma parviflorum

Perennial Grasses

1 Poa pratensis
2 Juncus effusus
3 Agropyron

Perennial Forbs

1 Lupinus
2 Achillea
3 Grindelia squarrosa

Shrubs and Trees

1 Pinus ponderosa
2 Gaultheria
3 Rosa

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1
2
3

Cover Worksheet

State: Oregon **Office:** **Ecological Site:** Northern Rocky Mountain Ponderosa Pine Woodland

Observer(s): H.Heist/B.Greenwood **Date:** 6/25/2011 **Site ID:** 625-17

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual			x					
Native Perennial								x
Exotic Perennial	x							
II - Forb								
Annual					x			
Perennial								x
III - Shrub		x						
IV - Tree					x			
V - Succulent	x							
VI - Biological Crust			x					

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants							x	
II - Standing Dead Vegetation		x						
III - Litter (in contact w/ the soil surface)				x				
IV - Biological Crust			x					
V - Rock/Gravel	x							
VI - Bare Ground			x					

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Pinus ponderosa
2 Achillea
3 Poa secunda
4

Noxious Weeds

1
2
3

Invasive Natives

1 Poa bulbosa
2
3

Invasive Exotics

1
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☑ or weight ☐ by life form.

Annual Grasses

1
2
3

Annual Forbs

1 Lithophragma parviflorum
2 Grindelia squarrosa
3

Perennial Grasses

1 Poa bulbosa
2 Poa secunda
3

Perennial Forbs

1 Achillea
2 Delphinium
3 Allium

Shrubs and Trees

1 Pinus ponderosa
2 Gaultheria
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 lichen
2 stone crop
3

Cover Worksheet

State: _____ **Office:** _____ **Ecological Site:** Northern Rocky Mountain Ponderosa Pine Woodland

Observer(s): MM **Date:** 7/14/2011 **Site ID:** 7/14-14

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual			x					
Native Perennial				x				
Exotic Perennial					x			
II - Forb								
Annual		x						
Perennial				x				
III - Shrub					x			
IV - Tree				x				
V - Succulent								
VI - Biological Crust								

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants							x	
II - Standing Dead Vegetation		x						
III - Litter (in contact w/ the soil surface)			x					
IV - Biological Crust			x					
V - Rock/Gravel					x			
VI - Bare Ground			x					

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Pinus ponderosa
2 Poa bulbosa
3 Artemisia filifolia
4 Festuca idahoensis

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1 Poa bulbosa
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses

1
2
3

Annual Forbs

1
2
3

Perennial Grasses

1 Poa bulbosa
2 Poa secunda
3

Perennial Forbs

1 Penstemon
2 Lupinus
3 Achillea millefolium

Shrubs and Trees

1 Symphoricarpos alba
2 Artemisia filifolia
3 Rosa
4 Pinus ponderosa

Succulents

1 Sedum
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 moss
2
3

Cover Worksheet

State: _____ **Office:** _____ **Ecological Site:** Northern Rocky Mountain Ponderosa Pine Woodland

Observer(s): MM **Date:** 7/15/2011 **Site ID:** 7/15-26

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual		x						
Native Perennial				x				
Exotic Perennial			x					
II - Forb								
Annual			x					
Perennial			x					
III - Shrub						x		
IV - Tree					x			
V - Succulent		x						
VI - Biological Crust		x						

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants								x
II - Standing Dead Vegetation			x					
III - Litter (in contact w/ the soil surface)			x					
IV - Biological Crust			x					
V - Rock/Gravel			x					
VI - Bare Ground			x					

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Symphoricarpos alba
2 Pinus ponderosa
3 Festuca idahoensis
4 Rosa

Noxious Weeds

1
2
3

Invasive Natives

1
2
3

Invasive Exotics

1
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☐ by life form.

Annual Grasses

1 Bromus sterilis
2
3

Annual Forbs

1
2
3

Perennial Grasses

1 Festuca idahoensis
2 Carex geyeri
3

Perennial Forbs

1 Astragalus
2 Achillea millefolium
3 Wyethia
4 Balsamorhiza sagittata

Shrubs and Trees

1 Symphoricarpos alba
2 Pinus ponderosa
3 Rosa
4 Pseudotsuga menziesii

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1 lichen
2
3

Cover Worksheet

State: Oregon **Office:** _____ **Ecological Site:** Pasture/Hay

Observer(s): H. Heist **Date:** 6/21/2011 **Site ID:** 621-1

	COVER CLASSES (% CANOPY)							
LIFE FORMS[1]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Grass								
Annual								x
Native Perennial	x							
Exotic Perennial	x							
II - Forb								
Annual					x			
Perennial	x							
III - Shrub	x							
IV - Tree	x							
V - Succulent	x							
VI - Biological Crust	x							

% GROUND COVER[2]	**0**	**0-1**	**2-5**	**6-15**	**16-30**	**31-50**	**51-75**	**76-100**
I - Vascular Plants							x	
II - Standing Dead Vegetation	x							
III - Litter (in contact w/ the soil surface)			x					
IV - Biological Crust	x							
V - Rock/Gravel	x							
VI - Bare Ground					x			

[1] **Life Forms Cover** - Record multiple canopy cover class; total plant canopy may exceed 100%. Small openings (less than 2" in diameter) are included as cover.

[2] **Ground Cover** - Category I is an estimate of total vascular plant cover; overlapping canopies are counted as only **one** canopy (record life form with first point of contact). Total vascular plant cover (I) together with the sum of cover in Categories II-VI should total to approximately 100%.

Notes: Include source of cover data (e.g., estimates or measurements)

Species Dominance Worksheet

Part 1 (Required)
The most common species, noxious weeds (state-listed plants), invasive natives, invasive exotics (non-noxious) are **ranked** according to dominance using cover ☑ or weig ☐

Dominant Species on Site

1 Hordeum jubatum
2 Bromus tectorum
3
4

Noxious Weeds

1
2
3

Invasive Natives

1 Hordeum jubatum
2 Bromus tectorum
3 Sinapis

Invasive Exotics

1 Bassia hirsuta
2
3

Part 2 (Optional) **Dominant Species by Life Form**

The most common species are ranked according to dominance using cover ☐ or weight ☑ by life form.

Annual Grasses

1 Hordeum jubatum
2 Bromus tectorum
3 Vulpia octoflora

Annual Forbs

1 Chenopodium album
2 Sinapis
3 Erodium

Perennial Grasses

1
2
3

Perennial Forbs

1
2
3

Shrubs and Trees

1
2
3

Succulents

1
2
3

Biological Crusts (rate by component not species, e.g., lichen, moss, or algae)

1
2
3

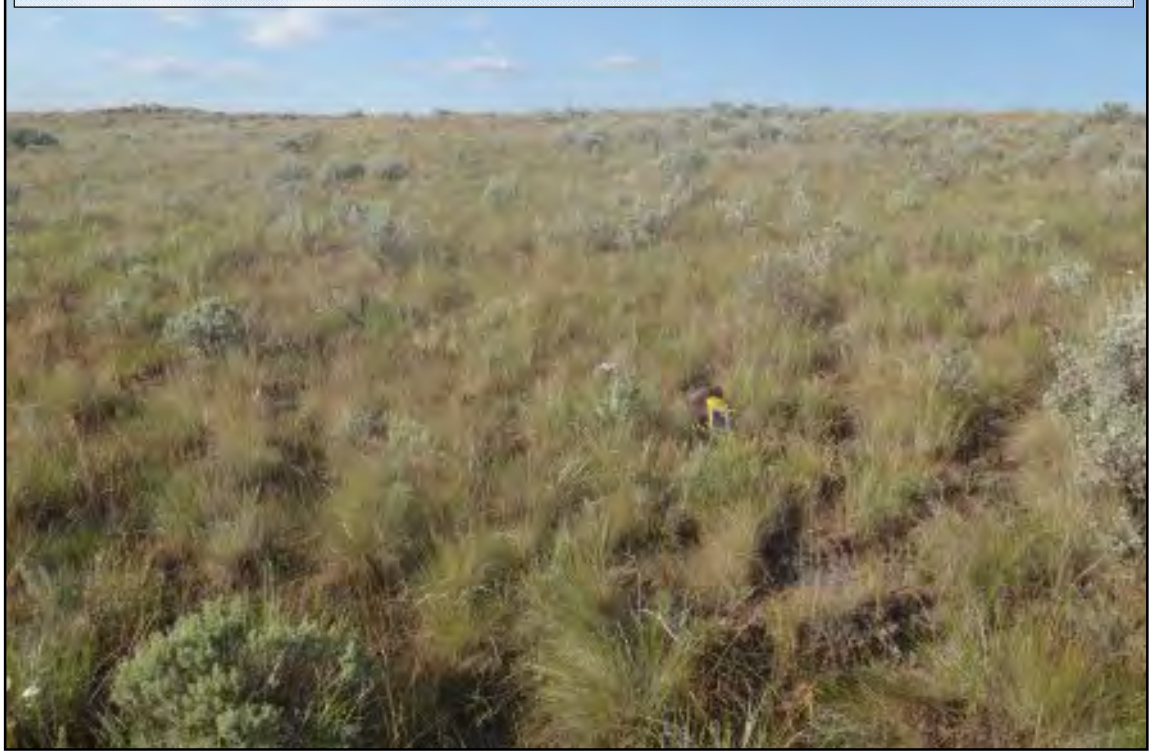
APPENDIX J
ECOLOGICAL SYSTEMS PHOTOS

Ecological System: Columbia Basin Foothill Riparian Woodland and Shrubland

Ecological System: Columbia Plateau Ash And Tuff Badland

Ecological System: Columbia Plateau Low Sagebrush Steppe

Ecological System: Columbia Plateau Scabland Shrubland



Ecological System: Columbia Plateau Steppe and Grassland

Ecological System: Cultivated Crops and Irrigated Agriculture

Ecological System: Inter-Mountain Basins Big Sagebrush Shrubland

Ecological System: Inter-Mountain Basins Big Sagebrush Steppe

Ecological System: Inter-Mountain Basins Cliff and Canyon

Ecological System: Inter-Mountain Basins Greasewood Flat

Ecological System: Inter-Mountain Basins Mixed Salt Desert Scrub

Ecological System: Inter-Mountain Basins Semi-Desert Shrub Shrubland

Ecological System: Inter-Mountain Basins Semi-Desert Shrub Steppe

Ecological System: Introduced Upland Vegetation - Annual and Biennial Forbland

Ecological System: Introduced Upland Vegetation - Annual and Perennial Grassland

Ecological System: North American Arid West Emergent Marsh

Ecological System: Northern Rocky Mountain Dry-Mesic Montane Mixed Conifer Forest

Ecological System: Northern Rocky Mountain Ponderosa Pine Woodland and Savannah

Ecological System: Pasture/Hay

APPENDIX K
VEGETATION DATA

OBJECTID	ID	PH_NUM	DIR	TREE	SHRUB	HERB	FORB	BG	HAB_QAL	NOX	SIZE	NOTES	NAME	DATE_	Lat	Long	CoverSheet	MilePost	EcoSys_Rev
1	1.2	6				popbal-elaang riparian, amaranthus sp. common			3			elk, raptor nest	TJ	4/5/2011	45.67496030060	-119.83414763500	1.2tj	1.2	Columbia Basin Foothill Riparian Woodland and Shrubland
2	2.4	na				arttri, erinau, gutsar, elymus sp., erycap, achmil			3				TJ	4/5/2011	45.66856685270	-119.85147411700	2.4tj	2.3	Inter-Mountain Basins Big Sagebrush Shrubland
3	3.1	12				erinau, brotec			4			n fence	TJ	4/5/2011	45.66865233780	-119.86852929700		3.1	Inter-Mountain Basins Big Sagebrush Shrubland
4	1.0	5				saltra60%, brotec90%, arttri1%, elaang1%			5				TJ	4/5/2011	45.67793960010	-119.83112511800	1.0tjrs	1.0	Inter-Mountain Basins Big Sagebrush Shrubland
5	1.5	7				saltra80%, amaranthus sp.20%			5				TJ	4/5/2011	45.67246030470	-119.83651542400		1.4	Introduced Upland Vegetation - Annual and Biennial Forbland
6	1.8	na				junocc1%, arttri20%, erinau20%, brotec30%, knapweed sp.10%, saltra20			4			ag n	TJ	4/5/2011	45.66835668480	-119.83825315200		1.7	Cultivated Crops and Irrigated Agriculture
7	2.0	9				junocc1%, arttri40%, erinau20%, brotec30%, poasec40%			3			south fence	TJ	4/5/2011	45.66838556880	-119.84551341800		2.0	Inter-Mountain Basins Big Sagebrush Shrubland
8	3.6	na				thistle sp.			3		.1ac	sparse	TJ	4/5/2011	45.66863542160	-119.87289948000		3.3	Inter-Mountain Basins Big Sagebrush Shrubland
9	5.2	13				brotec60%, stipa sp.10%, elymus sp.1%, gutsar20%			4				TJ	4/5/2011	45.66871325840	-119.90694837400		5.1	Introduced Upland Vegetation - Annual and Perennial Grassland
10	6.6	14				brotec60%, thistle sp.1%, gutsar1%, erinau30%,junocc1%, draver1%			4				TJ	4/6/2011	45.66215509500	-119.93565297000		6.6	Introduced Upland Vegetation - Annual and Perennial Grassland
11	0.0	1				erinau 5%, gutsar25%, arttri1%, brotec30%, stipa sp.60%			4				TJ	4/5/2011	45.69166159910	-119.83119753200	MO0.1tj	0.0	Inter-Mountain Basins Big Sagebrush Shrubland
12	0.2	2				arttri20%, erinau10%, poasec20, brotec90%, popbal1%, knapweed sp. 1%			3			mature sage; sparse knapweed	TJ	4/5/2011	45.68781128270	-119.83110986600		0.3	Inter-Mountain Basins Big Sagebrush Shrubland
13	0.5	4				stipa sp.60%, brotec40%, fripud1%, artfri1%, draver10%			4				TJ	4/5/2011	45.68492199960	-119.83132436700		0.5	Inter-Mountain Basins Big Sagebrush Shrubland
14	9.5	1,2				agric-irrigated, saltar, broine			5			thur field south; road row n	TJ	4/6/2011	45.64743094880	-119.96416360100		9.3	Cultivated Crops and Irrigated Agriculture
15	9.2	3				poapra40%, poabul50%, erocic20%, taroff1%, thistle2%, elaang1%			5			pasture	TJ	4/6/2011	45.65013513200	-119.96528623400		9.1	Pasture/Hay
16	8.8	na				erocic20%, poasec30%, poabul15%, brotec 10%, gutsar1%			4		.1ac	grazed; knapweed sp.1%	TJ	4/6/2011	45.65480368180	-119.96652523300		8.8	Pasture/Hay
17	8.6	4				saltar60%, bull thistle1%, taroff10%, broine40%			5			row	TJ	4/6/2011	45.65561489840	-119.96587518300		8.7	Pasture/Hay
18	8.5	5nw				junocc,roswoo,ribes			0			shrub planting	TJ	4/6/2011	45.65605528160	-119.96526181600		8.7	Pasture/Hay
19	16.6	6w				dryland agric			5				TJ	4/6/2011	45.62527695390	-119.83169274600		17.1	Cultivated Crops and Irrigated Agriculture
20	17.6	9e				arttri, brotec, gutsar, erinau			4			CRP	TJ	4/6/2011	45.62520003530	-119.81296358200		18.0	Inter-Mountain Basins Big Sagebrush Steppe
21	17.7	10e				agrcri-1%, poasec30%,brotec30%, erinau15%, gutsar20%			4				TJ	4/6/2011	45.62531925180	-119.81175564900		18.1	Inter-Mountain Basins Big Sagebrush Steppe
22	18.2	11w				erinau10%,gutsar30%, poasec45%,brotec40%,linum sp.,erocic,draba			4			crp-shrub steppe	TJ	4/6/2011	45.62523815080	-119.80116746800		18.6	Inter-Mountain Basins Big Sagebrush Steppe
23	18.7	13W				wheat			5				TJ	4/6/2011	45.62512343260	-119.78562390400		19.3	Cultivated Crops and Irrigated Agriculture
24	19.9	15e				psespi30%,phlox20%,poasec30%,achmil1%gutsar1%stipa1%,sagbal1%			3			15e, agrspi grassland,	TJ	4/6/2011	45.62319683090	-119.76713919100	19.9tj	20.3	Columbia Plateau Steppe and Grassland
25	20.4	16e				brotec90%,poasec15%,erinau40%,linpar1%achmil1%,agrcri1%psespi1%,			4			crp	TJ	4/6/2011	45.61815454760	-119.76372519300		20.7	Inter-Mountain Basins Big Sagebrush Steppe
26	20.9	17e				brotec90%,sisloe5%,saltra15%,gutsar1%erinau1%			4			crp	TJ	4/6/2011	45.61813047990	-119.75297359400		21.3	Inter-Mountain Basins Big Sagebrush Steppe
27	21	18e				pasture			4			cattle	TJ	4/6/2011	45.61799666290	-119.74913706200		21.4	Pasture/Hay
28	21.1	1e				erinau30%, gutsar15%,brotec70%, poasec10%,linlew1%, acchmil1%,agrcri			3			wheat to north, grazed s CRP	TJ	4/6/2011	45.61799717900	-119.74396802900		21.7	Inter-Mountain Basins Big Sagebrush Steppe
29	21.2	2,3e				astrag sp.1%; gutsar10%,poasec20%, crust 30%, bg 20%			3		15 in	grazed	TJ	4/7/2011	45.61767167880	-119.74166096300	21.2tj	21.8	Inter-Mountain Basins Semi-Desert Shrub Steppe
30	21.3	4e				na			5			dryland ag	TJ	4/7/2011	45.61760252830	-119.73673628100		22.0	Cultivated Crops and Irrigated Agriculture
31	21.7	5e				saltra, brotec			5			inbetween fields	TJ	4/7/2011	45.61798826060	-119.72718158200		22.5	Introduced Upland Vegetation - Annual and Perennial Grassland
32	22.4	6e				gutsar10%, arttri1%, poasec50%, psespi10%, balsag1%erocic1%,hawkweec			3			HQ 3 sw boundary ; ne HQ 4 s	TJ	4/7/2011	45.61811207670	-119.72137010000		22.8	Inter-Mountain Basins Big Sagebrush Steppe
33	22.6	7e				poasec60%, poabul15%, sisymbrium10%, erocic20%, astrag sp.1%			4		1		TJ	4/7/2011	45.61815714320	-119.71934948400		22.9	Inter-Mountain Basins Big Sagebrush Steppe
34	22.8	na				na			5			dryland ag	TJ	4/7/2011	45.61789444300	-119.71708140100		23.0	Cultivated Crops and Irrigated Agriculture
35	23.8	8e				poasec40%, brotec40%, gutsar10%,psespi5%erinau1%, draver5%			4			crp & dry wash	TJ	4/7/2011	45.61792030690	-119.69001240500		24.3	Introduced Upland Vegetation - Annual and Perennial Grassland
36	23.9	na				na			0			dry wash no wetland	TJ	4/7/2011	45.61813442330	-119.68811493900		24.4	Cultivated Crops and Irrigated Agriculture
37	24.0	9e				brotec60%, poasec20%, agrcri15%, sithys10%, gutsar1%, arttri1%			4			crp; knapweed sp. scattered	TJ	4/7/2011	45.61806003960	-119.68428867300		24.6	Inter-Mountain Basins Big Sagebrush Steppe
38	24.7	10e				agrcri40%, brotec60%, elymus sp.1%, sithys1%			3			crp grassland	TJ	4/7/2011	45.61865375490	-119.67142374200	24.7xx	25.2	Introduced Upland Vegetation - Annual and Perennial Grassland
39	25.4	11e				psespi40%, brotec40%, tradub1%, sisymbrium1%, arttri1%			4				TJ	4/7/2011	45.61818873670	-119.65605502800		26.0	Inter-Mountain Basins Big Sagebrush Steppe
40	25.25	12e				psespi30%, brotec10%, poasec40%, phlox1%, lommac1%, gutsar1%			3				TJ	4/7/2011	45.61798880390	-119.66025599400		25.8	Inter-Mountain Basins Big Sagebrush Steppe
41	25.0	13e				asrag sp.1%; psespi5%, poasec25%, phlox10%, gutsar20%, stipa sp.10%			3				TJ	4/7/2011	45.61843390440	-119.66567682600	25tj	25.5	Inter-Mountain Basins Big Sagebrush Steppe
42	25.5	1e				saltar20%, brotec40%, elemus sp.30%, gutsar20%, arttri5%, sithys5%			4			east	TJ	4/8/2011	45.61839008650	-119.65368422800	25.5xx	26.1	Inter-Mountain Basins Semi-Desert SHRUB Steppe
43	25.7	na							3			dry vegetated wash	TJ	4/8/2011	45.61855446970	-119.65294954500		26.1	Inter-Mountain Basins Big Sagebrush Steppe
44	25.7	na				agrcri60%, brotec40%, poasec10%, erinau1%, arttri1%, gutsar1%			4			crp	TJ	4/8/2011	45.61845783630	-119.65150827800		26.2	Introduced Upland Vegetation - Annual and Perennial Grassland
45	26.0	2e				agrcri10%, brotec90%, saltra10%, gutsar1%, sisymbrium1%			4			dryland ag to east	TJ	4/8/2011	45.61831285230	-119.64456771300		26.5	Introduced Upland Vegetation - Annual and Perennial Grassland
46	26.6	3e				brotec70%, sithys10%, saltra10%, elymus sp.1%, sisymbrium1%, gutsar5			4			dryland ag to west	TJ	4/8/2011	45.61838583440	-119.63237183200	26.6xx	27.1	Inter-Mountain Basins Semi-Desert SHRUB Steppe
47	31.2	na							5			dryland ag	TJ	4/8/2011	45.63231790910	-119.55525004300		31.7	Cultivated Crops and Irrigated Agriculture
48	32.0	4e				brotec90%, agrcri10%, saltra10%			4			ag on side south of road	TJ	4/8/2011	45.63233955740	-119.53836891200		32.5	Introduced Upland Vegetation - Annual and Perennial Grassland
49	32.3	5e				brotec90%, agrcri20%, draver1%			4			crp-ag south	TJ	4/8/2011	45.63239139000	-119.53104108000		32.9	Introduced Upland Vegetation - Annual and Perennial Grassland
50	32.5	6							5			no access, ag into sage crp	TJ	4/8/2011	45.63199417320	-119.52956288000		32.9	Noxious Weeds
51	38.1	7w8e9				poasec40%, brotec60%, erigonium sp.10%, astg sp.1%, psespi10%, eroci			4			rare plant survey; rocky thi	TJ	4/8/2011	45.61491451460	-119.43066841800		38.3	Introduced Upland Vegetation - Annual and Perennial Grassland
52	38.8	10w11				dryland ag			5				TJ	4/8/2011	45.61233349680	-119.41659955500		39.0	Cultivated Crops and Irrigated Agriculture
53	39.2	12e				dryland ag, hawkweed sp.1%			5			spraying turned back	TJ	4/8/2011	45.61180924600	-119.40871002300		39.4	Cultivated Crops and Irrigated Agriculture
54	36.8	13w				IRRIGATED FARMING			5				TJ	4/8/2011	45.61695051690	-119.45459284700		37.0	Cultivated Crops and Irrigated Agriculture
55	37.4	15se				brotec80%, poasec10%, sisymbrium5%, saltra5%, erinau1%			5				TJ	4/8/2011	45.61638491560	-119.44216123200		37.6	Inter-Mountain Basins Big Sagebrush Steppe

OBJECTID	ID	PH_NUM	DIR	TREE	SHRUB	HERB	FORB	BG	HAB_QAL	NOX	SIZE	NOTES	NAME	DATE_	Lat	Long	CoverSheet	MilePost	EcoSys_Rev
56	37.6	na				thistle sp.			5			irrigation canal	TJ	4/8/2011	45.61371514880	-119.43933968300		37.9	Introduced Upland Vegetation - Annual and Biennial Forbland
57	37.6	16				arttri80%, brotec70%, achmil1%, elycin1%			4			6 ft. tall arttri	TJ	4/8/2011	45.61332146550	-119.43947453300		37.9	Inter-Mountain Basins Big Sagebrush Steppe
58	37.7	na				cynoff			5		indiv	irrigation ditch,	TJ	4/8/2011	45.61296341550	-119.43875601700		37.9	Noxious Weeds
59	37.8	na				knapweed sp.1%			5			fallow field	TJ	4/8/2011	45.61347811530	-119.43775480000		38.0	Cultivated Crops and Irrigated Agriculture
60	37.8	17n				elymus sp.70%,dipful1%,thistle sp.1%,elecin1%			4			entrenched irrigation canal-	TJ	4/8/2011	45.61376149860	-119.43716101700		38.0	North American Arid West Emergent Marsh
61	29.1	1w2e				irrigared ag-wheat, saltra,brotec			5			ROW	TJ	4/9/2011	45.61792256270	-119.58109060800		29.6	Cultivated Crops and Irrigated Agriculture
62	29.9	3w4e				irritated ag-saltra, brotec row			5				TJ	4/9/2011	45.61792986120	-119.56550234400		30.3	Cultivated Crops and Irrigated Agriculture
63	30.0	5w6e7				irrigated ag/fallow; brotec, saltra			5			7 looking south; 8 north	TJ	4/9/2011	45.61790452730	-119.56009461100		30.6	Cultivated Crops and Irrigated Agriculture
64	30.6	na				irritated ag/fallow			5				TJ	4/9/2011	45.62519127680	-119.56013164300		31.1	Cultivated Crops and Irrigated Agriculture
65	36.9	9				ag			5			STAGING AREA	TJ	4/8/2011	45.61871764990	-119.45317771300		37.1	Cultivated Crops and Irrigated Agriculture
66	43.6	10w				psespi70%, agrcri10%, brotec20%			3			no access on west side fence	TJ	4/9/2011	45.57970008550	-119.34092501200		43.8	Columbia Plateau Steppe and Grassland
67	43.61	11				dryland ag			5			east side of fence	TJ	4/9/2011	45.57953994170	-119.34083469200		43.8	Cultivated Crops and Irrigated Agriculture
68	43.7	12e				brotec60%, poasec20%, gutsar1%			4				TJ	4/9/2011	45.57968990810	-119.33791250900		43.9	Introduced Upland Vegetation - Annual and Perennial Grassland
69	44.0	13				poasec50%, erigonium10%, brotec25%, achmil1%, phlox1%, bg20%			3			grazed; astragalis sp.	TJ	4/9/2011	45.57837360750	-119.33189177700	44.0xx	44.2	Columbia Plateau Steppe and Grassland
70	44.6	14				brotec70%, poasec20%, pspespi1%, erinau1%, erocic10%, erigeron1%			4			lommac1%	TJ	4/9/2011	45.57547962340	-119.32079462900		44.8	Introduced Upland Vegetation - Annual and Perennial Grassland
71	45.2	15				psespi70%, brotec20%, erinau1%			3			ungraze	TJ	4/9/2011	45.57389145560	-119.30853971500	45.2xx	45.4	Columbia Plateau Steppe and Grassland
72	45.4	16				brotec50%, agrcri40%, medsat1%, sisymbrium1%			4			crp	TJ	4/9/2011	45.57279510530	-119.30381690000		45.7	Introduced Upland Vegetation - Annual and Perennial Grassland
73	46.3	17				poasec25%, psespi60%, achmil1%, litpar1%			3			100yrs across	TJ	4/9/2011	45.56989413710	-119.28600748700		46.5	Inter-Mountain Basins Big Sagebrush Steppe
74	46.6	18				psespi50%, poasec20%, brotec30%, erocic1%, erinau1%			3		indiv	area 500 ft cross; knapweed	TJ	4/9/2011	45.56851266980	-119.27947510500		46.9	Inter-Mountain Basins Big Sagebrush Steppe
75	47.6	19				agrcri70%, brotec30%			4			crp	TJ	4/9/2011	45.56536516820	-119.26039557600		47.8	Introduced Upland Vegetation - Annual and Perennial Grassland
76	48.0	18nw				gutsar1%,brotec80%, agrcri20%, achmil1%, festuca10%, medsat1%			3		0	crp	TJ	4/10/2011	45.55720881820	-119.25364429500		48.3	Introduced Upland Vegetation - Annual and Perennial Grassland
77	47.8	2w,3e				arttri1%, psespi60%, erinau1%, poasec30%, litrud1%, brotec20%,phlox			3		0	0	TJ	4/10/2011	45.56458108450	-119.25679894300		48.0	Inter-Mountain Basins Big Sagebrush Steppe
78	48.1	4e				psespi60%, poasec20%, brotec5%, bg30%, phlox20%, erocic1%, sissep1%			3		0	0	TJ	4/10/2011	45.56391710070	-119.25095307800		48.3	Inter-Mountain Basins Big Sagebrush Steppe
79	48.2	5e				dryland wheat			5		0	astragalus sp.	TJ	4/10/2011	45.56360300050	-119.24854687800		48.4	Cultivated Crops and Irrigated Agriculture
80	49.2	7w8e				dry ag w, erinau30%, litpar1%, stipa20%, fescue10, poasec10%,			4		0	0	TJ	4/10/2011	45.56000188210	-119.22817364900		49.4	Inter-Mountain Basins Big Sagebrush Steppe
81	49.8	9w10s				psespi40%, brotec50%, erinau1%,litpar1%, lomtri1%sithys1%achmil1%,			4		0	south of fenceline	TJ	4/10/2011	45.55892058100	-119.21636008500	49.8xx	50.0	Introduced Upland Vegetation - Annual and Perennial Grassland
82	50.1	11w12				psespi10%, poasec40%,brotec20%, bg20%, crust10%, balser1%			3		0	0	TJ	4/10/2011	45.55967893040	-119.21032515200		50.3	Columbia Plateau Steppe and Grassland
83	50.2	na				astrag sp., balser1%, psespi15%,			3		0	0	TJ	4/10/2011	45.56006949660	-119.20680171900		50.5	Columbia Plateau Steppe and Grassland
84	51.0	13e14				psespi20%, erinau10%, arttri1%, brotec20%, poasec30%,bg10%, lit10%			3		0	grazed; thistle throughout	TJ	4/10/2011	45.55936392850	-119.19060195600	51.0xx	51.3	Inter-Mountain Basins Big Sagebrush Steppe
85	51.8	15e				festuca30%, psespi30%, poasec20%, erinau10%			3		0	0	TJ	4/10/2011	45.55720311050	-119.17605062600		52.0	Inter-Mountain Basins Semi-Desert Shrub Steppe
86	51.9	16w17				brotec70%, psespi30%, erinau10%			4		0	0	TJ	4/10/2011	45.55693221030	-119.17361021000		52.1	Inter-Mountain Basins Semi-Desert Shrub Steppe
87	52.0	na				taecap			4		0	throughout	TJ	4/10/2011	45.55693926030	-119.17358606000		52.1	Noxious Weeds
88	39.4	1w2e				dryland wheat; hawkweed sp.			5		0	0	TJ	4/9/2011	45.61200686910	-119.40429875000		39.6	Cultivated Crops and Irrigated Agriculture
89	40.9	3nw				DRYLAND FARMING			5		0		TJ	4/9/2011	45.60289810240	-119.38091461700		41.1	Cultivated Crops and Irrigated Agriculture
90	52.3	na				poasec30%, draver10%, psespi60%, crust1%, moss20%, erinau1%,			3		0	grazed	TJ	4/10/2011	45.55553142610	-119.16308911200	52.3xx	52.6	Inter-Mountain Basins Semi-Desert Shrub Steppe
91	52.9	na				thistle sp., stipa ,achmil			3		0	0	TJ	6/6/2011	45.55545642520	-119.15389078000		53.1	Inter-Mountain Basins Semi-Desert Shrub Steppe
92	53.1	na				taecap			4		0	throughout	TJ	6/6/2011	45.55524909130	-119.14862759800		56.5	Inter-Mountain Basins Semi-Desert Shrub Steppe
93	53.9	5e				brotec40%, psespi20%, taecap10%, bg20%, rock10%			4		0	0	TJ	4/12/2011	45.55022132370	-119.13499080100		54.1	Introduced Upland Vegetation - Annual and Perennial Grassland
94	54.4	6e				psespi20%, poasec20%, bg40%			3		0	0	TJ	4/12/2011	45.54470140670	-119.12739497000		54.6	Columbia Plateau Steppe and Grassland
95	54.5	na				dipful			4		0	0	TJ	4/12/2011	45.54365425670	-119.12712978700		54.7	Noxious Weeds
96	54.45	7e				balsom1%, psespi10%, festuca10%, bg20%, rock20%, brotec1%			3			sheep grazing	TJ	4/12/2011	45.54406868560	-119.12738660100	54.45xx	54.7	Columbia Plateau Steppe and Grassland
97	54.5	1n,2e				dipful1%, sithys1%,erinau10%, psespi1%, grindillia1%, brotec70%, agr			4		.1 ac	dry wash, east hill	TJ	4/12/2011	45.54365020670	-119.12717157100		54.7	Introduced Upland Vegetation - Annual and Perennial Grassland
98	54.6	3e,4e				0			0		0	erosion on slope	TJ	4/12/2011	45.54409200630	-119.12277815500		54.8	UNKNOWN
99	54.5a	5w				grazed ag, brotec, taecap, thistle			5		0	weedy throughout	TJ	4/12/2011	45.54508965630	-119.12289907100		54.7	Pasture/Hay
100	54.4a	na				astragalus spp.			4		0	grazed along fence	TJ	4/12/2011	45.54528497300	-119.12364953800		54.7	UNKNOWN
101	54.55	6s				typha, dipful			3		.1 ac	pocket spring	TJ	4/12/2011	45.54457750650	-119.12547843700		54.7	North American Arid West Emergent Marsh
102	57.7	7se				brotec90%, sisymbrium20%, sithys1%			4		.1ac	hypericum perforatum	TJ	4/12/2011	45.54152870660	-119.12411532200		54.9	Introduced Upland Vegetation - Annual and Perennial Grassland
103	54.85	8nw				dry land ag			5		0	access enters here, taecap s	TJ	4/12/2011	45.54096713990	-119.12302577200		55.0	Cultivated Crops and Irrigated Agriculture
104	54.9	9e				poasec60%, psespi30, atriplex sp.1%			3		0	tensioning area, grazed, bro	TJ	4/12/2011	45.53871889010	-119.12359242200		55.1	Inter-Mountain Basins Big Sagebrush Steppe
105	55.3	10ne				unknown			4		.1ac	seasonal seep	TJ	4/12/2011	45.53816302250	-119.11346765800		55.6	North American Arid West Emergent Marsh
106	55.3a	11nw				dryland ag			5		0	0	TJ	4/12/2011	45.53912568910	-119.11313704100		55.6	Cultivated Crops and Irrigated Agriculture
107	55.4	12w13				elymus sp.30% , brotec70%, erocic1%			5		0	grazed w, ag e	TJ	4/12/2011	45.53832860570	-119.11242240800	55.4xx	55.6	Columbia Plateau Steppe and Grassland
108	55.8	14n15				agric			5		0	stock pond seep	TJ	4/12/2011	45.53774387140	-119.10131757700		56.2	Cultivated Crops and Irrigated Agriculture
109	56.45	16w17				ag surround brotec60%, fescue10%, erinau1%			4		0	grazed	TJ	4/12/2011	45.53672852040	-119.09059896200		56.7	Cultivated Crops and Irrigated Agriculture
110	56.6	18n				dryland			5		0	ag acess road	TJ	4/12/2011	45.53739767000	-119.08675552900		56.9	Cultivated Crops and Irrigated Agriculture
111	57.1	19e				fescue bunchgrass60%, medsat20%			3		0	crp seeded	TJ	4/12/2011	45.53718340250	-119.07931523100		57.2	Columbia Plateau Steppe and Grassland
112	57.1a	20n				0			0		0	past eroded channel 20ft dee	TJ	4/12/2011	45.53661060230	-119.07727349800		57.3	Other Waters
113	57.12	21e				cirarv1%,brotec70%,erinau10%,cirarv1%, agoseris1%, sithys1%,agropyrum			3		0	0	TJ	4/12/2011	45.53668931900	-119.07705459800		57.3	Inter-Mountain Basins Big Sagebrush Steppe
114	57.3	22e				bromus sp.10%, elymus sp.90%			3		0	occational cirarv	TJ	4/12/2011	45.53672418530	-119.07287859900		57.5	Columbia Plateau Steppe and Grassland

OBJECTID	ID	PH_NUM	DIR	TREE	SHRUB	HERB	FORB	BG	HAB_QAL	NOX	SIZE	NOTES	NAME	DATE_	Lat	Long	CoverSheet	MilePost	EcoSys_Rev
115	57.7	na				vegetated draw with dipful			3		0	crp gassland	TJ	4/12/2011	45.53719108430	-119.06402655000		58.0	Columbia Plateau Steppe and Grassland
116	58.1	23s				elycin60%, conmac40%, dipful10%,			4		0	ephemeral	TJ	4/12/2011	45.53726093340	-119.05577205100		58.4	Columbia Basin Foothill Riparian Woodland and Shrubland
117	58.0	24sw				agr sp.90%,erinau1%, grindillia1%,balsag1%,lupinus1%,cirvis1%			5		0	crp	TJ	4/12/2011	45.53083048450	-119.06090408500		58.1	Columbia Plateau Steppe and Grassland
118	58.25	25w26				chrvis1%, psespi70%, festuca20%,bg10%,brotec10%,erigeron sp.1%,			3		0	crp wheatgrass,e of fence	TJ	4/12/2011	45.53672668330	-119.05330586900		58.5	Inter-Mountain Basins Big Sagebrush Steppe
119	58.4	27e28				buckwheat, bg10%, moss60%, agrtra30%, poasec20%, bromus1%			3		0	top of ridge	TJ	4/12/2011	45.53653413310	-119.05123170200		58.6	Columbia Plateau Steppe and Grassland
120	58.6	29e				erinau1%, agrtra80%, bromus sp.30%, tradub1%, lupine1%			3		0	good crust layer	TJ	4/12/2011	45.53690514920	-119.04619588600		58.8	Columbia Plateau Steppe and Grassland
121	59.1	30e				psespi40%, fescue10%, poasec10%, brotec30%, sisymbrium1%,			4		0	0	TJ	4/12/2011	45.53733383140	-119.03526608800		59.4	Columbia Plateau Steppe and Grassland
122	59.3	31,32				elecin50%, dipfull10%, conmac50%			4		1.5 a	se photo; ephemeral vegetate	TJ	4/12/2011	45.53682288110	-119.03282755500		59.5	Columbia Basin Foothill Riparian Woodland and Shrubland
123	59.3	na				erinau10%,elecin1%, agrtra70%,moss20%			3		0	end	TJ	4/12/2011	45.53714244760	-119.03151993900		59.5	Inter-Mountain Basins Big Sagebrush Steppe
124	59.2	na				brassicacea sp1%, agrtra40%,			3		0	20 individuals	TJ	4/12/2011	45.53505139820	-119.03443348900		59.4	Columbia Plateau Steppe and Grassland
125	59.0	na				thistle sp.			3		0	individual	TJ	4/12/2011	45.53364918200	-119.03799057200		59.2	Introduced Upland Vegetation - Annual and Perennial Grassland
126	58.4a	na				taecap, conmac			4		.1ac	disturbance at gate, grazed	TJ	4/12/2011	45.53775671630	-119.05074453600		58.6	Introduced Upland Vegetation - Annual and Perennial Grassland
127	58.4	33w				psespi60%, balsag1%, fescue20%, erinau1%, brotec30%			4		0	grazed	TJ	4/12/2011	45.54094568280	-119.05160921800	58.4xx	58.6	Inter-Mountain Basins Semi-Desert Shrub Steppe
129	18.2a	12e				dryland ag			5			dryland ag	TJ	4/6/2011	45.62524973020	-119.80069555500		18.6	Cultivated Crops and Irrigated Agriculture
130	40.9a	4se				psespi50%, brotec20%, erinau1%, sisymbrium10%			3		0		TJ	4/9/2011	45.60247718210	-119.38079627400		41.2	Columbia Plateau Steppe and Grassland
131	012	12	NW		ATRCON15,GRASPI1,PICDEST1	BROTEC 70,SITHYS1,	SPHCOC1,RUNTES10	BG20,RK10	4				TJ	5/11/2011	43.37044311560	-116.69703559900		296.1	Inter-Mountain Basins Mixed Salt Desert Scrub
132	013	13	N		ARTTRI5,TETGLA5,GRASPI10,	BROTEC 50,POASEC5,SITHYS1,ORYHYM1,EROCIC1,CASTILLA1	DESSP1,SPHCOC1,BALSAG1,	BG20,RK20	3				TJ	5/11/2011	43.37158353640	-116.70284098900		295.8	Inter-Mountain Basins Big Sagebrush Steppe
133	014											RARE PLANT	TJ	5/11/2011	43.37214677200	-116.70372804600		295.7	Sensitive Habitat/Rare Plant
134	015	15	N		GRASPI5,ATRCON1,TETGLA1,ARTTRI1,	BROTEC 80	FIDDLE1 ,CASTILLA1	BG20	4			RARE PLANT	TJ	5/11/2011	43.37521007590	-116.70744849700		295.4	Inter-Mountain Basins Mixed Salt Desert Scrub
135	017	17	N		ATRCON 15,PICDES1,GRASPI1	BROTEC50,SITHYS1,POASEC1	DELBIC1,SPHCOC1,DESSP1	BG20 ,RK20	4				TJ	5/11/2011	43.37652076760	-116.70873830200	017tj	295.3	Inter-Mountain Basins Mixed Salt Desert Scrub
136	018	18	W		SARVER 10,ARTTRI 10,GRASPI5	BROTEC50,POASEC1 ,	DESSP1,DELBIC1,LEPPER1	BG10,	4				TJ	5/11/2011	43.37874251100	-116.71373075200		295.0	Inter-Mountain Basins Big Sagebrush Steppe
137	019	19	W		ATRCON 5,GUTSAR1,TETGLA1 ,ARTTRI 1	BROTEC 70,ORYHYM1 ,POASEC1		BG20 ,RK10	4				TJ	5/11/2011	43.37939712030	-116.71539923900		294.9	Inter-Mountain Basins Mixed Salt Desert Scrub
138	020	20	W		ARTTRI 20,GRASPI5 TETGLA1	BROTEC ,POASEC ,	AMSINCHIA1,	BG10,RK10	4				TJ	5/11/2011	43.38016393010	-116.71740881600		294.8	Inter-Mountain Basins Big Sagebrush Steppe
139	021	NA										RARE PLANT ROCK OUTCROP	TJ	5/11/2011	43.38091493000	-116.71870371200		294.7	Sensitive Habitat/Rare Plant
140	022	22	W		ARTTRI 15,GRASPI1 ATRCON 1	POASEC30, BROTEC10, AGRSPI5, SITHYS5	DELBIC1		3				TJ	5/11/2011	43.38235088970	-116.72116860700	022tj	294.6	Inter-Mountain Basins Big Sagebrush Steppe
141	023	23	W		ARTTRI 15,GRASPI5,ATRCON1	BROTEC 30, POASEC25		BG30,CRUST1,RK1	4				TJ	5/11/2011	43.38427281940	-116.72523350500		294.3	Inter-Mountain Basins Big Sagebrush Steppe
142	024	NA										RARE PLANT ROCK OUTCROP	TJ	5/11/2011	43.38452344500	-116.72504596400		294.3	Sensitive Habitat/Rare Plant
143	025	25	W			POASEC30		CRUST15	3				TJ	5/11/2011	43.38452757480	-116.72681412600		294.3	Columbia Plateau Steppe and Grassland
144	028	28	W		ARTTRI5,ATRCON5,GRASPI1	BROTEC25, POASEC40		BG20	3				TJ	5/11/2011	43.38732228060	-116.73436176900		293.8	Inter-Mountain Basins Big Sagebrush Steppe
145	029	29	W		ATRCON 5	BROTEC 70, POASEC 10		BG20 RK10	4				TJ	5/11/2011	43.38910530820	-116.73651527400		293.7	Inter-Mountain Basins Mixed Salt Desert Scrub
146	030	30	W		ARTTRI 5,GRASPI5	POASEC40		BG20	3				TJ	5/11/2011	43.39023997810	-116.73753387800		293.6	Inter-Mountain Basins Big Sagebrush Steppe
147	031	31	W		CHYVIS1,SARVER1	HORJUB40, BROTEC 30	DESSP20,RUNTES10		4				TJ	5/11/2011	43.39120766000	-116.73903021400		293.5	Columbia Basin Foothill Riparian Woodland and Shrubland
148	032	32										Intermittent CHANNEL NO WET	TJ	5/11/2011	43.39217569760	-116.73988438100		293.4	Columbia Basin Foothill Riparian Woodland and Shrubland
149	033	33	W		ARTTRI10,CHYVIS1,	POASEC40, BROTEC20			3				TJ	5/11/2011	43.39218944680	-116.73989211900		293.4	Inter-Mountain Basins Big Sagebrush Steppe
150	034	34	W		ATRCON 5,GUTSAR1	POASEC25		BG 40	3				TJ	5/11/2011	43.39301675060	-116.74193158400		293.3	Inter-Mountain Basins Mixed Salt Desert Scrub
151	035	35	W		ATRCON 5	BROTEC 70		BG20	4				TJ	5/11/2011	43.39359718560	-116.74259031100		293.2	Inter-Mountain Basins Mixed Salt Desert Scrub
152	036	NA										RARE PLANT	TJ	5/11/2011	43.39364364170	-116.74276312200		293.2	Sensitive Habitat/Rare Plant
153	037	37	W		ARTTRI10,ARTSPI1	BROTEC 70, POASEC 10		BG10 RK10	4				TJ	5/11/2011	43.39553190630	-116.74504121900		293.1	Inter-Mountain Basins Big Sagebrush Steppe
154	037	37	NW		ARTTRI15,GRASPI1	POASEC40,BROTEC 1,SITHYS1	PHLHOO1	BG15,CRUST20	3				TJ	5/12/2011	43.39762640320	-116.74708206400		292.9	Inter-Mountain Basins Big Sagebrush Steppe
155	038	38	W		ATRCON5 TETGLA1 ARTTRI1	BROTEC 50,ORYHYM1 POASEC 5 SITHYS1	EROCIC5 DESSP1 AMSINCHIA1	BG40 RK10	4				TJ	5/12/2011	43.39996437650	-116.75183180100		292.6	Inter-Mountain Basins Mixed Salt Desert Scrub
156	039	39	W		ARTTRI 10,GRASPI5,	POASEC40BROTEC10	PHLHOO1	BG40 RK1	3				TJ	5/12/2011	43.40115050170	-116.75469729200		292.4	Inter-Mountain Basins Big Sagebrush Steppe
157	040	40	W		ARTTRI 1,	BROTEC60 POASEC20	CASTILLSP1,AGOSEROUS 1,SPDELBIC1	BG30	4				TJ	5/12/2011	43.40180435550	-116.75643767400		292.3	Inter-Mountain Basins Big Sagebrush Steppe
158	041	41	W		ARTTRI 10,SARVER1,GRASPI5	BROTEC 50,POASEC25	SPHCOC1 ,PHLHOO1	BG20 RK1	4				TJ	5/12/2011	43.40182633900	-116.75761888900		292.3	Inter-Mountain Basins Big Sagebrush Steppe
159	042	42	W		ARTTRI10,GRASPI1	BROTEC10 POASEC40 SITHYS1	DELBIC1	BG20 RK10 CRUST20	3				TJ	5/12/2011	43.40261910800	-116.75890003500		292.2	Inter-Mountain Basins Big Sagebrush Steppe
160	043	NA	W		ATRCON 5 ARTTRI 1	BROTEC50 POASEC10	DELBIC1 AMSINCHIA1 AGOGLA1	BG40	4				TJ	5/12/2011	43.40337180980	-116.76063272100	043tj	292.1	Inter-Mountain Basins Mixed Salt Desert Scrub
161	044	44	W		ARTTRI 20 GRASPI1,CHRVIS1	POASEC20 BROTEC 50 SITHYS1		30	4				TJ	5/12/2011	43.40443604480	-116.76288434900		292.0	Inter-Mountain Basins Big Sagebrush Steppe
162	045	NA										ROCKOUTCROP RARE PLANT	TJ	5/12/2011	43.40558213150	-116.76604693800		291.8	Sensitive Habitat/Rare Plant
163	046	46	W		ARTTRI 10,GRASPI1	BROTEC30 POASEC 30,SITHYS1		BG20 RK1 CRUST10	4				TJ	5/12/2011	43.40612575520	-116.76761564600		291.7	Inter-Mountain Basins Big Sagebrush Steppe
164	048	48	NW		ATRCON 5	POASEC20,BROTEC 60	AMSINCHIA1 RUNTES1,AGOGLA1 LEPPER1		4				TJ	5/12/2011	43.40731847740	-116.77127918000		291.5	Inter-Mountain Basins Mixed Salt Desert Scrub
165	049	49	NW		ARTTRI 10, GRASPI1,ATRCON 1	POASEC30 BROTEC 40	AGOGLA1 DELBIC1	BG20	4				TJ	5/12/2011	43.40830576210	-116.77167037900		291.4	Inter-Mountain Basins Big Sagebrush Steppe
166	050	50	W		ARTTRI 15, ATRCON 5,GRASPI5	POASEC30 BROTEC 50,SITHYS1	AGOGLA1 CASTILLSP1	BG20	4				TJ	5/12/2011	43.41191036960	-116.77372401300		291.2	Inter-Mountain Basins Big Sagebrush Steppe
167	051	51	NW		ATRCON 5	POASEC40 BROTEC 50	DELBIC1		4				TJ	5/12/2011	43.41317869890	-116.77424792900		291.1	Inter-Mountain Basins Mixed Salt Desert Scrub
168	052	NA										CALCARIOUS SOILS RARE PLANT	TJ	5/12/2011	43.41524844010	-116.77768674500		290.8	Sensitive Habitat/Rare Plant
169	053	53	W		ARTTRI 15,GRASPI5,CHRVIS	POASEC20,BROTEC50,SITHYS1	PHLHOO1	BG40	4				TJ	5/12/2011	43.41563539770	-116.77780949500		290.8	Inter-Mountain Basins Big Sagebrush Steppe
170	054	54	W		ATRCON 1	BROTEC 70		BG 30	5				TJ	5/12/2011	43.41606241650	-116.77866884300		290.8	Introduced Upland Vegetation - Annual and Perennial Grassland
171	056	56	W		ATRCON 1	BROTEC 80		BG20	5				TJ	5/12/2011	43.42001587260	-116.78538804100		290.3	Introduced Upland Vegetation - Annual and Perennial Grassland

OBJECTID	ID	PH_NUM	DIR	TREE	SHRUB	HERB	FORB	BG	HAB_QAL	NOX	SIZE	NOTES	NAME	DATE_	Lat	Long	CoverSheet	MilePost	EcoSys_Rev
172	057	57	W		ARTTRI 15,EUPLAN1 GRASPI1	POASEC50		BG30,CRUST30	3				TJ	5/12/2011	43.42019919210	-116.78661644600		290.3	Inter-Mountain Basins Big Sagebrush Steppe
173	058	58	W		ARTTRI 10PICDES1	BROTEC40 POASEC20			4				TJ	5/12/2011	43.42140324500	-116.78813013800		290.2	Inter-Mountain Basins Big Sagebrush Steppe
174	060	60	W			BROTEC 70			5			DRY WASH ROCKOUTCROP RARE PLANT	TJ	5/12/2011	43.42261775010	-116.79131805900		290.0	Introduced Upland Vegetation - Annual and Perennial Grassland
175	061	61	W		TETGAB5,ATRCON 5	BROTEC30 POASEC 30		BG40	4				TJ	5/12/2011	43.42331146600	-116.79212390600		289.9	Inter-Mountain Basins Mixed Salt Desert Scrub
176	063	NA	W									EPHEM WASH NO WETLAND	TJ	5/12/2011	43.42534539850	-116.79488290400		289.7	Columbia Basin Foothill Riparian Woodland and Shrubland
177	064	64	W		ATRCON 5	POASEC40 BROTEC 60	AMSINCHIA1	BG30	4				TJ	5/12/2011	43.42542749130	-116.79520517000		289.7	Inter-Mountain Basins Mixed Salt Desert Scrub
178	065	65	W		ATRCON 5	POASEC40 BROTEC 30	AMSINCHIA1 DESSP1	BG40 CRUST1	4				TJ	5/12/2011	43.42667544020	-116.79689076100		289.6	Inter-Mountain Basins Mixed Salt Desert Scrub
179	066	66	W		ARTTRI 10 ATRCON 10	BROTEC 30			4				TJ	5/12/2011	43.42735314020	-116.79849383200		289.5	Inter-Mountain Basins Big Sagebrush Steppe
180	067	67	W		ATRCON 10	BROTEC 70 POASEC 20	DESSP1	BG30	4				TJ	5/12/2011	43.42855087450	-116.80092344200		289.3	Inter-Mountain Basins Mixed Salt Desert Scrub
181	70	NA	W		ARTTRI 10 ATRCON5 GRASPI5	BROTEC50 POASEC 20	LEPPER1,DESSP1,RUNTES1	BG30	4				TJ	5/12/2011	43.43030542160	-116.80471666600		289.1	Inter-Mountain Basins Big Sagebrush Steppe
182	290STAGE	71	NW		ATRCON 5,	BROTEC 30,POASEC 15,AGRCRI1	RUNTES 40,LEPPER10,AMSINCHIA1	BG40	4			GRAZING	TJ	5/13/2011	43.42921207280	-116.79110181800	290STAGExx	289.7	Inter-Mountain Basins Mixed Salt Desert Scrub
183	072	72	W		ATRCON 5	BROTEC 30,POASEC 10	AGOGLA1 LEPPER1,AMSINCHIA1	40	4			GRAZING	TJ	5/13/2011	43.43219915480	-116.80942314300		288.8	Inter-Mountain Basins Mixed Salt Desert Scrub
184	073	73	W		ATRCON 1	BROTEC 20	LEPPER20,RUNTES20	50	5			GRAZING	TJ	5/13/2011	43.43290161750	-116.81180487500		288.7	Columbia Plateau Steppe and Grassland
185	074	74	W		ATRCON 35	BROTEC 10,,POASEC10	RUNTES20	60	4			GRAZING	TJ	5/13/2011	43.43330984400	-116.81282047600		288.7	Inter-Mountain Basins Mixed Salt Desert Scrub
186	075	75	W		ATRCON 1	BROTEC 70,POASEC 20	AMSINCHIA1 RUNTES1	40	4				TJ	5/13/2011	43.43369865580	-116.81373886900		288.6	Introduced Upland Vegetation - Annual and Perennial Grassland
187	076	76	W		PICDES1,ATRCON 10,,ARTTRI 1	BROTEC50 ,POASEC 20		BG40	4				TJ	5/13/2011	43.43692406800	-116.81950812600		288.2	Inter-Mountain Basins Mixed Salt Desert Scrub
188	077	77	W		ARTTRI 10,ATRCON 5	BROTEC 30,POASEC 30,SITHYS	DESSP1 EROSP1	40	4				TJ	5/13/2011	43.43797360980	-116.82201302400		288.1	Inter-Mountain Basins Big Sagebrush Steppe
189	078	78	W		ARTTRI 5 ATRCON 1	POASEC 30,PSESPI10,SITHYS1 ,ORYHYM1	CASTILLSP1	60	3				TJ	5/13/2011	43.43902842690	-116.82491165400		287.9	Inter-Mountain Basins Big Sagebrush Steppe
190	079	79	W		ARTTRI 15,PICDES1	BROTEC POASEC		40	4			GRAZING	TJ	5/13/2011	43.43909501070	-116.82654372300		287.9	Inter-Mountain Basins Big Sagebrush Steppe
191	080	80	W		ARTTRI 20, GRASPI1,GUTSAR1	POASEC25 BROTEC 30	ASTRAG 1,ERIGSP1,	60	4			GRAZING	TJ	5/13/2011	43.44510487080	-116.83774364400		287.2	Inter-Mountain Basins Big Sagebrush Steppe
192	081	81	W			POASEC BROTEC POABULB		30	4			BURN	TJ	5/13/2011	43.44772868500	-116.84509347700	081tj	286.8	Columbia Plateau Steppe and Grassland
193	082	82	W			FESTUCA40 POASEC10, BROTEC25 PSESPI1	ASTRAG 1,EROCIC1	30	3				TJ	5/13/2011	43.45021458270	-116.85023557100		286.4	Columbia Plateau Steppe and Grassland
194	083	83	W			BROTEC 50 POASEC 30, STIPASP1,POABUL1	AMSINCHIA1 EROCIC5 RUNTES5	50	4				TJ	5/13/2011	43.45124046080	-116.85363697000		286.3	Introduced Upland Vegetation - Annual and Perennial Grassland
195	084	84	N		SARVER1	BROTEC 70,POABUL1	DESSP1 RUNTES10	50	4			EPHEM DRAIN NO WET	TJ	5/13/2011	43.45284023390	-116.85764029400		286.0	Columbia Basin Foothill Riparian Woodland and Shrubland
196	085	85	NW		ARTTRI 15 PICDES1 ATRCON5	BROTEC 30 POASEC25	SISALT1, PHLHOO1 AMSINCHIA1 AGOGLA1	BG40 RK10 CRUST5	4			GRAZING	TJ	5/13/2011	43.45440358330	-116.86247273100	085tj	285.8	Inter-Mountain Basins Big Sagebrush Steppe
197	086	86	NW		ARTTRI 25	POASEC25 BROTEC 10	PHLHOO1	BG40 CRUST 20	3				TJ	5/13/2011	43.45602502590	-116.86480365900		285.6	Inter-Mountain Basins Big Sagebrush Steppe
198	087	87	N		ATRCON 10 ARTTRI 15	BROTEC 30 POASEC 20		BG30	4				TJ	5/13/2011	43.45688415330	-116.86549334800		285.5	Inter-Mountain Basins Mixed Salt Desert Scrub
199	088	88	E									DRY WASH NO WET	TJ	5/13/2011	43.45816631550	-116.86664611500		285.4	Columbia Basin Foothill Riparian Woodland and Shrubland
200	089	89	NW		ATRCON 2	BROTEC 40	LEPPER30	60	5			BURN	TJ	5/13/2011	43.45834285930	-116.86713980400		285.4	Inter-Mountain Basins Mixed Salt Desert Scrub
201	090	90	NW		ATRCON 10 ARTTRI 5 GRASPI1	POASEC10 BROTEC50	AMSINCHIA1	40	4				TJ	5/13/2011	43.45934725790	-116.86830332500		285.3	Inter-Mountain Basins Big Sagebrush Steppe
202	091	NA								BULL THISTLE	.1AC	GRAZING	TJ	5/13/2011	43.45961869290	-116.86861621400		285.3	Noxious Weeds
203	092	92	NW		ATRCON 10	BROTEC50	LEPPER10	60	5			BURN	TJ	5/13/2011	43.45991586280	-116.86910451300		285.3	Inter-Mountain Basins Mixed Salt Desert Scrub
204	093	93	NW		ARTTRI 10 GRASPI15	BROTEC 40 PO10		60	4			BULL THISTLE INDIVIDUAL	TJ	5/13/2011	43.46052361830	-116.86995569900		285.2	Inter-Mountain Basins Big Sagebrush Steppe
205	094	94	NW		ARTTRI 1 ATRCON5	BROTEC 70	AMSINCHIA1	40	4				TJ	5/13/2011	43.46374214090	-116.87360496700		284.9	Inter-Mountain Basins Mixed Salt Desert Scrub
206	095	95	W		SARVER20 ARTTRI 5	BROTEC 30 POASEC25	AMSINCHIA1	40	4				TJ	5/13/2011	43.46603394100	-116.87587113900		284.7	Inter-Mountain Basins Mixed Salt Desert Scrub
207	096	96	N									DRY WASH NO WET	TJ	5/13/2011	43.46624589890	-116.87649493000		284.7	Columbia Basin Foothill Riparian Woodland and Shrubland
208	097	97	E									INTERMITTENT DRAINAGE NO WET	TJ	5/13/2011	43.46657663540	-116.87718238500		284.7	Columbia Basin Foothill Riparian Woodland and Shrubland
209	098	98	W		ATRCON 15 ARTTRI 15	BROTEC 40 POASEC25	ASTRAG 1AMSINCHIA1 LEPPER1 SPHCOC1	60	4				TJ	5/13/2011	43.46775867860	-116.87841899200		284.5	Inter-Mountain Basins Big Sagebrush Steppe
210	099	NA	W							BULL THISTLE	.1AC	EPHEM DRY WASH	TJ	5/15/2011	43.47347246500	-116.88493392600		284.0	Columbia Basin Foothill Riparian Woodland and Shrubland
211	100	100	W		ATRCON 10	BROTEC 30 POASEC25	AMSINCHIA1 DESSP1	60	4				TJ	5/15/2011	43.47451347240	-116.88665562000		283.9	Inter-Mountain Basins Mixed Salt Desert Scrub
212	102	102	W		ATRCON 1	BROTEC 70	LEPPER10	50	5				TJ	5/15/2011	43.47556484600	-116.88835296300		283.8	Introduced Upland Vegetation - Annual and Perennial Grassland
213	200	200	NW			BROTEC 5	ERIOGONIUM SP.	90	4			RARE PLANT	TJ	5/15/2011	43.60781103300	-117.08759643500		269.5	Columbia Plateau Ash And Tuff Badland
214	201	201	E									EPHEM WASH	TJ	5/15/2011	43.60565478510	-117.08544808400		269.7	Columbia Basin Foothill Riparian Woodland and Shrubland
215	202	NA								CARDRA	1AC	ALONG WASH	TJ	5/15/2011	43.60563926140	-117.08543168500		269.7	Noxious Weeds
216	203	NA								CARDRA	1AC		TJ	5/15/2011	43.60672215990	-117.08579755100		269.6	Noxious Weeds
217	204	204	NW		ARTTRI 5 ATRCON 1 GRASPI1	BROTEC50 POASEC5	LEPPER10 RUNTES20	40	5	CARDRA		FIRE	TJ	5/15/2011	43.60529662620	-117.08529230100		269.7	Inter-Mountain Basins Big Sagebrush Steppe
218	205	205								CARDRA	1AC		TJ	5/15/2011	43.60284387690	-117.08485765500		269.8	Noxious Weeds
219	206	NA								CARDRA	.5		TJ	5/15/2011	43.60191928750	-117.08428983900		269.9	Noxious Weeds
220	208	NA								CARDRA	.2AC		TJ	5/15/2011	43.59915015310	-117.08452717600		270.1	Noxious Weeds
221	209	NA								CARDRA	.1		TJ	5/15/2011	43.59840898830	-117.08496126300		270.2	Noxious Weeds
222	210	210	W		ARTTRI 5 GRASPI1	BROTEC40 RUNTES40	LEPPER20	20	5			GRAZED	TJ	5/15/2011	43.59768202180	-117.08533316500		270.2	Inter-Mountain Basins Big Sagebrush Steppe
223	211	NA								CARDRA	.5		TJ	5/15/2011	43.59593788320	-117.08508865600		270.3	Noxious Weeds
224	212	212	W		ATRCON 1	BROTEC50	LEPPER40	50		CARDRA		FIRE; CARDATHROUGHOUT	TJ	5/15/2011	43.59395678650	-117.08446727500	212tj	270.5	Inter-Mountain Basins Big Sagebrush Steppe
225	213	213	E			BROTEC50 ERETRI 20	CLEOM1		5			FIRE-GRAZING	TJ	5/15/2011	43.59395754450	-117.08446701100		270.5	Introduced Upland Vegetation - Annual and Perennial Grassland
226	214	214	E	ELAANG						CARDRA	.1	WETLAND	TJ	5/15/2011	43.58729543430	-117.07451455700		271.2	North American Arid West Emergent Marsh
227	215	215	NW			ANNUAL WHEAT20 BROTEC50	MUSTARD	70	5			FIRE	TJ	5/15/2011	43.58645950370	-117.07563903800		271.2	Introduced Upland Vegetation - Annual and Perennial Grassland
228	216	216	E		ARTTRI GRASPI	BROTEC POASEC			4			NO ACCESS	TJ	5/15/2011	43.58646082200	-117.07564365600		271.2	Inter-Mountain Basins Big Sagebrush Steppe
229	217	217	W						5			SEE OTHER	TJ	5/15/2011	43.58694098020	-117.07775577300		271.1	UNKNOWN
230	218	218	W		ARTTRI 10 GRASPI5	BROTEC40 POASEC25	PHLHOO1	40 CRUST20	4				TJ	5/15/2011	43.60974301130	-117.08784994300	218xx	269.3	Inter-Mountain Basins Big Sagebrush Steppe
231	RS0110	1	N/NE		ARTTRI 10, SARVER 10, CHR 2	brotec 70, agrcri 1, poabul 1	arrowleaf 1,	25	4				RS	5/10/2011	43.35956921400	-116.66049737200		298.1	Inter-Mountain Basins Big Sagebrush Steppe

OBJECTID	ID	PH_NUM	DIR	TREE	SHRUB	HERB	FORB	BG	HAB_QAL	NOX	SIZE	NOTES	NAME	DATE_	Lat	Long	CoverSheet	MilePost	EcoSys_Rev
232	RS0210		E		ARTCON 1	BROTEC 75, POASEC,5	RUNTES 25	20	4			grazing	RS	5/10/2011	43.36682916600	-116.68905064900		296.5	Introduced Upland Vegetation - Annual and Perennial Grassland
233	RS0310	3	E		ATRCON 1, ARTTRI .5,	BROTEC 60, POASEC 5	runtes 30, DES SP 1	20	4			grazing	RS	5/10/2011	43.36764001630	-116.69330879800		296.3	Introduced Upland Vegetation - Annual and Perennial Grassland
234	RS0410		SW		ATRCON 5, arttri 1	brotec 60, poabul 1	RUNTES 20, DES sp 1, Lupine sp 1,	25	4			grazing	RS	5/10/2011	43.37607115050	-116.71000542700	RS0410xx	295.3	Introduced Upland Vegetation - Annual and Perennial Grassland
235	051111-02	2	east		ARTTRI 5, ATRCON 5	BROTEC 60, POASEC 2		20	4				RS	5/11/2011	43.38128393390	-116.71692070800		294.8	Inter-Mountain Basins Big Sagebrush Steppe
236	051111-01	2	easr		ARTTRI 5, ATRCON 5	BROTEC 60, POASEC 2		20	4			grazing	RS	5/11/2011	43.38130306730	-116.71691497400	051111-01rs	294.8	Columbia Plateau Steppe and Grassland
237	051111-03	3	west		ARTTRI 15, ATRCON 5	POASEC 15, BROTEC 15	DES sp 1	15	4			grazing	RS	5/11/2011	43.38685115140	-116.73052130400		294.0	Inter-Mountain Basins Big Sagebrush Steppe
238	051111-04	4	east		ATRTRI 10, ATRCON 5	POASEC 15, BROTEC 15	lupine sp 1, DES sp 1, forbe3 1	25	4			grazing	RS	5/11/2011	43.38611708450	-116.72827925500	051111-04rs	294.1	Inter-Mountain Basins Mixed Salt Desert Scrub
239	051111-05	5	sw		ARTTRI 25	POASEC 15, SITHIS .5	paintbrush 1, fiddlehead 1	25					RS	5/11/2011	43.40599383490	-116.75141044700		292.4	Inter-Mountain Basins Big Sagebrush Steppe
240	051111-06	7	west		ARTTRI 10, ATRCON 3	POASEC 10, BOATEC 20, sithis 1	RUNTES 10, fiddlehead 1	20	3			grazing	RS	5/11/2011	43.40334641970	-116.76393721200		291.9	Inter-Mountain Basins Big Sagebrush Steppe
241	051111-07	8	south		ATRCON 10, ARTI 5, CHR 1	BROTEC 30, POASEC 5, SITHIS 1	RUNTES 10, DES sp 1,	20	4				RS	5/11/2011	43.41563650280	-116.77435812500		290.9	Inter-Mountain Basins Mixed Salt Desert Scrub
242	051111-08	10	sw		ARTTRI 5, ATRCON 5, SARVER 1	BOATEC 50, POASEC 10, POABUL 1	DES sp 1, RUNTEC 15, AGOSERIS sp 1	15	4				RS	5/11/2011	43.41887841930	-116.77681049000	051111-08rs	290.7	Inter-Mountain Basins Big Sagebrush Shrubland
243	051211-01	1	NW		ARTTRIN 5, TEDGLA 5, SARVER 1	BROTEC 50, POASEC 5	EROCIC 1, LEP sp 1, Fiddleneck 1	20	4			grazing	RS	5/12/2011	43.46724094090	-116.87620446400	051211-01xx	284.6	Inter-Mountain Basins Big Sagebrush Shrubland
244	051211-02	2	S		ARTTRI 5, ATRCON	BROTEC 25, POASEC 1	RUNTEC 10, des sp 1	20	4				RS	5/12/2011	43.47242944100	-116.88252049500		284.2	Inter-Mountain Basins Big Sagebrush Steppe
245	051211-03	3	north		ARTTRI 5, ATRCON 1, SARVER 1	BOATEC 25, POASEC 1, SITHIS 1	LEP sp. 1, RUNTES 10 DES 1	20	4			grazing	RS	5/12/2011	43.46828609130	-116.88198671200		284.4	Inter-Mountain Basins Big Sagebrush Steppe
246	051211-04	4	se		atrcon 2	BOATEC 20, poasec 1, agrcri 1	runtes 15, le sp 5,	15	4			grazing	RS	5/12/2011	43.48087155820	-116.89763514100		283.2	Columbia Plateau Steppe and Grassland
247	051211-5	5	ne		arttri 1, atrcon 1	brotec 25, agrcri 3, poatec 1	runtes 15, des sp 1, lep sp 1	20	4			grazing	RS	5/12/2011	43.48495894090	-116.89457807400		283.2	Columbia Plateau Steppe and Grassland
248	051211-06	6	e		sarver 1, arttri 1, chr sp. 1	brotec 35, poasec 1, agrcri 1	lep sp 1, fiddleneck 1	10	4			grazing	RS	5/12/2011	43.49928522800	-116.94968669400		280.0	Columbia Plateau Steppe and Grassland
249	051211-07	7	n		atrcon 1,	brotec 10, poasec 5, sithis 1	lep sp 10, fiddleneck 3, runtec 10	25	4				RS	5/12/2011	43.50044159490	-116.95270911000		279.8	Columbia Plateau Steppe and Grassland
250	051211-08	8	n		sarver 10, arttrin10, artcon 1	brotec 20, poasec 5	runtec 10, lep sp 1	20	4			grazing	RS	5/12/2011	43.49663011160	-116.94899912800	051211-08xx	280.2	Inter-Mountain Basins Big Sagebrush Shrubland
251	051211-09	9	n		arttri 25	brotec 30, poasec 5	runtes 5,	30	4			grazing	RS	5/12/2011	43.51685396190	-116.97157122100		278.3	Inter-Mountain Basins Big Sagebrush Steppe
252	051211-10	10	se		arttri 15, sarver 1	brotec 30, poasec 1	lep sp 1, des sp 1, runtes 10	20	4			grazing	RS	5/12/2011	43.51997644470	-116.96888395400	051211-10rs	278.3	Inter-Mountain Basins Big Sagebrush Shrubland
253	051211-11	11	se		arttri 15, atrcon 1	brotec 30, poasec 2	des sp 1, runtec 10, fiddleneck 1	20	4				RS	5/12/2011	43.51644839470	-116.96575580500		278.6	Inter-Mountain Basins Big Sagebrush Steppe
254	051211-12	12	s		arttri 10, atrcon 1	brotec 25, poasec 2	lep sp 1, runtes 10	20	4			grazing	RS	5/12/2011	43.51465129470	-116.96366647300		278.7	Inter-Mountain Basins Big Sagebrush Steppe
255	051211-13	13	west		arttri 10, sarver 1	brotec 40, poasec 1,	runtec 15, des sp 1	20	4			grazing	RS	5/12/2011	43.51125236130	-116.95977459100		279.0	Inter-Mountain Basins Big Sagebrush Steppe
256	051311-01	1	w		arttri 10, atrcon 1	brotec 30, poasec 2, sithis 2	runtes 5, fiddleneck 1, agoseris 1	20	4			grazing	RS	5/13/2011	43.52606393000	-116.99291961600	051311-01rs	277.0	Inter-Mountain Basins Big Sagebrush Steppe
257	051311-02	3	3		atrcon 2, arttri .5,	brotec 30, poasec 1	runtec 5, erocic 3,	20	4			grazing	RS	5/13/2011	43.52234731260	-116.98320725100		277.6	Columbia Plateau Steppe and Grassland
258	051311-03	4	nw		arttri 15, atrcon 1	brotec 20, poasec 1, sithis 1	runtec 5,	20	4			grazing	RS	5/13/2011	43.53736474610	-116.99955434600	051311-03xx	276.3	Inter-Mountain Basins Big Sagebrush Steppe
259	051311-04	5	e		atrcon 5, arttri 1	brotec 25, poasec 1, sithis 1	runtec 5, des sp 1	20	4			grazing , arttri dieoff	RS	5/13/2011	43.53045042980	-116.99697146400		276.7	Inter-Mountain Basins Big Sagebrush Steppe
260	051311-06	7	se		arttri 20, sarver 1	brotec 25, poasec 1	runtes 20, des sp 1	20	4			grazing	RS	5/13/2011	43.55951217850	-117.01173208900		274.5	Inter-Mountain Basins Big Sagebrush Steppe
261	051311-04	8	n		arttri 15, tedglq 1, sarver 1	brotec 25, poasec 1	runtes 10, phlox 1, fiddleneck 1	20	4			grazing	RS	5/13/2011	43.56129032870	-117.01626407100		274.3	Inter-Mountain Basins Big Sagebrush Steppe
262	051311-07	9	e		arttri 10, atrcon 1	brotec 20, poasec 1	forbe2 5, funtec 5	25	4			grqzing	RS	5/13/2011	43.55098078030	-117.02207368900		274.9	Inter-Mountain Basins Big Sagebrush Steppe
263	051311-8	10	n		arttri 1,	brotec 20, sithis 3, poasec 1	forbe2 15, runtec 5	20	4			grazing	RS	5/13/2011	43.54797018050	-117.02141394000		275.0	Columbia Plateau Steppe and Grassland
264	051311-09	10	s			brotec 50, poasec 1	runtec 15, forbe2 10, des sp 1	15	4			grazig	RS	5/13/2011	43.54623004720	-117.01946655700		275.2	Columbia Plateau Steppe and Grassland
265	051311-10	11	w		arttri .5	brotec 50, poasec 1	forbe2 15, runtec 5	15	4			grazing	RS	5/13/2011	43.53866218040	-117.01199879300	051311-10rs	275.8	Columbia Plateau Steppe and Grassland
266	051311-11	12	sw		arttri 10, atrcon 1	brotec 30, sithis 2, poasec 1	runtec 10, forbe2 10, des sp 1	15	4			grazing	RS	5/13/2011	43.54667304790	-117.02675287300		274.9	Inter-Mountain Basins Big Sagebrush Steppe
267	051411-01	1	ne		atrtri 1, atrcon 1	brotec 20, poasec	erocic 5, runtes 10, des sp 1	20	4			grazing	RS	5/14/2011	43.47681635780	-116.88908067600		283.7	Columbia Plateau Steppe and Grassland
268	051411-02	2	ne		atrcon 5, arttri 1	brotec 25, poasec 2, sithis 1, agrcri 1	runtes 15, lep sp 2, fiddleneck 1	20	4			grazing	RS	5/14/2011	43.47994264120	-116.89273465800	051411-02rs	283.4	Columbia Plateau Steppe and Grassland
269	051411-03	7	n			ertr13 5, sithis 3	kochia 50	5	4			disturbed agriculture	RS	5/14/2011	43.49144582520	-116.91192363600	051411-03rs	282.2	Cultivated Crops and Irrigated Agriculture
270	051411-04	8	n		atrcon 1	brotec 25, poasec 1, agrcri 5	runtes 15, lep sp 5, des sp 1	20	4			grazing	RS	5/14/2011	43.49232719200	-116.91378951900		282.1	Columbia Plateau Steppe and Grassland
271	051411-05	14	nw		atrcon 1, arttri 1	brotec 25, poasec 1, agrcri 1	runtes 20, lep sp 3, agoseris 1	20	4			grazing	RS	5/14/2011	43.49256097740	-116.93637408100		280.9	Columbia Plateau Steppe and Grassland
272	051411-06		n		atrcon 1, arttri .5	brotec 30, poasec 1	lepnsp 2, runtes 15	20	4			grazing	RS	5/14/2011	43.50253902800	-116.95229319300		279.7	Columbia Plateau Steppe and Grassland
273	051411-07		nw		arttri 15, sarver 1	brotec 25, poasec 1	runtes 10, lep sp 1, erocic 3	20	4			grazing	RS	5/14/2011	43.50981089470	-116.95979440800	051411-07xx	279.1	Inter-Mountain Basins Big Sagebrush Steppe
274	051511-01	1	s		arttri 15, atrcon 1	brotec 20, poasec 1	runtes 10, lep sp 1, des sp 1	20	4			grazing	RS	5/15/2011	43.61365929660	-117.07864686800	051511-01rs	269.3	Inter-Mountain Basins Mixed Salt Desert Scrub
275	051511-02	2	n			wheat 30	dandylion 10	5	4			irrigated cropland, grazing	RS	5/15/2011	43.74199072670	-117.16453396300		259.2	Cultivated Crops and Irrigated Agriculture
276	001	1	N		ARTTRI 10, SARVER 5, ATRCON 1,	BROTEC 20, POASEC 1	RUNTES 50,		4			DISTURBED GRAZING	TJ	5/10/2011	43.35223714740	-116.65445844900		298.5	Inter-Mountain Basins Big Sagebrush Steppe
277	002	2	NW		SARVER10	BROTEC 20	RUNTES40		4				TJ	5/10/2011	43.35297770570	-116.66096803600		298.5	Inter-Mountain Basins Greasewood Flat
278	003	3	NE			BROTEC	MEDSAT		5			AGRICULTURAL	TJ	5/10/2011	43.35490257600	-116.66247438300		298.3	Cultivated Crops and Irrigated Agriculture
279	004	4	S	POPTRI	SALEXI, ROSWOO	ELYCIN			3			RENALDS	TJ	5/10/2011	43.35612174240	-116.66233072400		298.2	North American Arid West Emergent Marsh
280	005	5	NW						5	WHITE TOP	.1	NORTH CRK AGRIC	TJ	5/10/2011	43.35611000550	-116.66234832900		298.2	Cultivated Crops and Irrigated Agriculture
281	006	6	NW		ATRCON 1,PICDES1,ARTTRI 1,	BROTEC 90,POASEC1,	DESSP1,DELSP1	BG1,RK1,	4				TJ	5/10/2011	43.35855790140	-116.66486620800	006tj	298.0	Inter-Mountain Basins Big Sagebrush Shrubland
282	007	7	W		ARTTRI 10,GRASPI1,	POASEC 25,BROTEC25,SITHYS1,	SPHCOC1,DESSP1 ,	BR50,CRUST30	3				TJ	5/10/2011	43.36853344890	-116.68616193900		296.7	Inter-Mountain Basins Big Sagebrush Steppe
283	008	8	W			BROTEC 70		BG1	4				TJ	5/10/2011	43.36870876390	-116.68658863600		296.6	Introduced Upland Vegetation - Annual and Perennial Grassland
284	010	10	W		GRASPI15,EUPLAN1,ARTTRI1	POASEC25,BROTEC10,SITHYS1,	FIDDLE1,	BG20 CRUST30 .	3				TJ	5/10/2011	43.37003397680	-116.69222131800		296.3	Inter-Mountain Basins Mixed Salt Desert Scrub
285	011	11	W		GRASPI5,ATRCON1,ARTTRI1	BROTEC 70			4				TJ	5/10/2011	43.37045116870	-116.69592485400		296.1	Inter-Mountain Basins Mixed Salt Desert Scrub
286	001	0610	N		ARTTRI 1,	AGRCRI20,BROTES20,PSESPI1,	BALSAG1,RUNTES30	60	4				TJ	6/1/2011	43.67240324100	-117.12457896200		264.6	Introduced Upland Vegetation - Annual and Perennial Grassland
287	002	0611	S			PSESPI25,BROTEC20	BALSAG5,AMSINCHIA1	60	3				TJ	6/1/2011	43.67093423370	-117.12393509900		264.7	Columbia Plateau Steppe and Grassland
288	003	0612	N		ARTTRI 1,CHRVIS1	PSESPI30,POASEC25 AGRCRI10	PHLHOO1	40	3				TJ	6/1/2011	43.67575626920	-117.12609219400		264.4	Columbia Plateau Steppe and Grassland

OBJECTID	ID	PH_NUM	DIR	TREE	SHRUB	HERB	FORB	BG	HAB_QAL	NOX	SIZE	NOTES	NAME	DATE_	Lat	Long	CoverSheet	MilePost	EcoSys_Rev
289	005	0615	E									EPHEM WASH	TJ	6/1/2011	43.67801074870	-117.12706933800		264.2	Columbia Basin Foothill Riparian Woodland and Shrubland
290	006	0616	E									EPHEM	TJ	6/1/2011	43.67841021050	-117.12766244900		264.2	Columbia Basin Foothill Riparian Woodland and Shrubland
291	007	NA										ROCKOUTCROP	TJ	6/1/2011	43.67838161830	-117.12792556300		264.2	Inter-Mountain Basins Cliff and Canyon
292	008	0617	N		GRASPI1	BROTEC70	BALSAG1	40	5				TJ	6/1/2011	43.67874924080	-117.12789331200		264.2	Introduced Upland Vegetation - Annual and Perennial Grassland
293	009	0618	N			PSESPI30, POASEC25	ERIGSP1	50	3				TJ	6/1/2011	43.67945816200	-117.12828754500		264.1	Columbia Plateau Steppe and Grassland
294	010	0619	N		CHRVIS 1,CHYNAU1	STICOM1,BROTEC 70 PSESPI5	BALSAG1 ALLIUM1	40	5			FIRE TUFF THROUGHOUT	TJ	6/1/2011	43.68024753920	-117.12824164200		264.1	Introduced Upland Vegetation - Annual and Perennial Grassland
295	011	0620	E									EPHEM	TJ	6/1/2011	43.68095551150	-117.12858998900		264.0	Columbia Basin Foothill Riparian Woodland and Shrubland
296	012	0621	N		GRASPI1 SALDOR1	STICOM1 ORYHYM1 BROTEC40	AMSINCHIA1 SPHCOC1	60	5			FIRE	TJ	6/1/2011	43.68236903050	-117.12926117500	012tj	263.9	Inter-Mountain Basins Mixed Salt Desert Scrub
297	013	0622	N		ATRCON 1,CHYVIS1	SITCOM1 BROTEC 30 POASEC 10,PSESPI5	BALSAG1 AMSINCHIA1 CASTILLSP1	40	4				TJ	6/1/2011	43.68339330510	-117.12966262300		263.8	Inter-Mountain Basins Mixed Salt Desert Scrub
298	014	0623	E									EPHEM	TJ	6/1/2011	43.68384764040	-117.13007039800		263.8	Columbia Basin Foothill Riparian Woodland and Shrubland
299	015	0624	N		ARTTRI 1,ATRCON 1	BROTEC 70 PSESPI1	BALSAG1	50	5			GRAZING	TJ	6/1/2011	43.68378855210	-117.12808932000		263.8	Introduced Upland Vegetation - Annual and Perennial Grassland
300	016	0625	E									EPHEM	TJ	6/1/2011	43.68428553460	-117.13040630900		263.8	Columbia Basin Foothill Riparian Woodland and Shrubland
301	017	0626	N		ARTTRI 1 SARVER1	AGRCRI20 PSESPI5 POASEC25	COMUMB1,PHLHOO1	50	4			TUFF THROUGHOUT	TJ	6/1/2011	43.68554338810	-117.13059158600		263.7	Inter-Mountain Basins Mixed Salt Desert Scrub
302	018	0627	N		CHRVIS 10	AGRCRI20 POASEC25 BROTEC 10	BALSAG1 DESSP1 PHLHOO1	60	3				TJ	6/1/2011	43.68706278080	-117.13151631400		263.6	Inter-Mountain Basins Big Sagebrush Steppe
303	019	0629	E									EPHEM	TJ	6/1/2011	43.68904918080	-117.13234893800		263.4	Columbia Basin Foothill Riparian Woodland and Shrubland
304	020	0638	N		CHYVIS5,ATRCON 1	ORYHYM5,BROTEC 40	BEE PLANT 1BALSAG1	80	4				TJ	6/1/2011	43.68920314020	-117.13243103000		263.4	Inter-Mountain Basins Big Sagebrush Steppe
305	021	0639	N		CHYVIS10	ORYHYM5 STICOM5,SITHYS5 BROTEC 15	BALSAG1 PHLHOO1	60	3				TJ	6/1/2011	43.69066103810	-117.13273821700		263.3	Inter-Mountain Basins Big Sagebrush Steppe
306	022	0640	N		CHRVIS 5	BROTEC 40,ORYHYM10,STICOM5	SISALT1	25	4	ONOACA	INDIVIDUAL		TJ	6/1/2011	43.69206103490	-117.13367459900		263.2	Inter-Mountain Basins Big Sagebrush Steppe
307	023	0641	E									EPHEM	TJ	6/1/2011	43.69218279240	-117.13375464400		263.2	Columbia Basin Foothill Riparian Woodland and Shrubland
308	024	0642	N		CHRVIS1	AGRCRI50, BROTEC5			4				TJ	6/1/2011	43.69469318610	-117.13511430700	024tj	263.0	Introduced Upland Vegetation - Annual and Perennial Grassland
309	025	0644	N		CHRVIS 1	BROTEC 70 AGRCRI5		50	5				TJ	6/1/2011	43.69704407240	-117.13565442200		262.9	Introduced Upland Vegetation - Annual and Perennial Grassland
310	026	0645										EPHEM	TJ	6/1/2011	43.69785650570	-117.13640741000		262.8	Columbia Basin Foothill Riparian Woodland and Shrubland
311	027	NA								CARDRA,ONOACA	.1AC	ONOACA INDIVIDUALS	TJ	6/1/2011	43.69785583170	-117.13641127900		262.8	Noxious Weeds
312	028	0647	N		CHRVIS 5	AGRCRI10 BROTEC50 ORYHYM5	BALSAG1 AMSINCHIA1	60	5				TJ	6/1/2011	43.69890472470	-117.13688695400		262.7	Inter-Mountain Basins Big Sagebrush Steppe
313	029	0648	N		CHRVIS1,ARTTRI 1,	AGRCRI60 ,BROTEC50	PHLHOO1	40	5				TJ	6/1/2011	43.70045210180	-117.13749565800		262.6	Introduced Upland Vegetation - Annual and Perennial Grassland
314	030	0649	N		ARTTRI 10, CHRVIS1	BROTEC50 POASEC 10	SPHCOC1 BALSAG1 AMSINCHIA1	60	5			FIRE, GRAZING	TJ	6/1/2011	43.70395226110	-117.13927712400		262.3	Inter-Mountain Basins Big Sagebrush Steppe
315	031	NA								ONOACA	.01AC		TJ	6/1/2011	43.70608958090	-117.14032578000		262.2	Noxious Weeds
316	032	0652	N		ARTTRI 5, CHRVIS1	POASEC40 BROTEC 40	BALSAG1 COMUMB1	60	4				TJ	6/1/2011	43.70651171610	-117.14037897100		262.2	Inter-Mountain Basins Big Sagebrush Steppe
317	033	NA								ONOACA	INDIVIDUAL		TJ	6/1/2011	43.70721267490	-117.14058490800		262.1	Noxious Weeds
318	034	0653	N			BROTEC 70,PSESPI1	SISALT5	30	5	ONOACA	INDIVIDUAL		TJ	6/1/2011	43.70822596160	-117.14118552300		262.0	Introduced Upland Vegetation - Annual and Perennial Grassland
319	035	NA								ONOACA	INDIVIDUAL		TJ	6/1/2011	43.71040012510	-117.14222617400		261.9	Noxious Weeds
320	036	NA								ONOACA	SPARES THROUGHOUT		TJ	6/1/2011	43.71382026950	-117.14410413800		261.6	Noxious Weeds
321	037	NA				BROTEC 70						ROCKOUTCROP	TJ	6/1/2011	43.71770678700	-117.14582026900		261.3	Introduced Upland Vegetation - Annual and Perennial Grassland
322	038	0654	N		ARTTRI 15,GRYSPI1	BROTEC 50 POASEC1 PSESPI1	PHLHOO1	50	4				TJ	6/1/2011	43.72171515140	-117.14760347600	038tj	261.0	Inter-Mountain Basins Big Sagebrush Steppe
323	039	0655	SW									EPHEM	TJ	6/1/2011	43.72350008090	-117.14986884600		260.9	Columbia Basin Foothill Riparian Woodland and Shrubland
324	040	0656	SW									EPHEM	TJ	6/1/2011	43.72398038340	-117.15104947700		260.8	Columbia Basin Foothill Riparian Woodland and Shrubland
325	041	0657	SW									EPHEM	TJ	6/1/2011	43.72442757690	-117.15188699000		260.8	Columbia Basin Foothill Riparian Woodland and Shrubland
326	042	0658	W		ARTTRI 35, GRASPI1	BROTEC 40 PSESPI1 POASEC25 SITHYS5	PHLHOO1	40	4				TJ	6/1/2011	43.72524839940	-117.15374850500		260.6	Inter-Mountain Basins Big Sagebrush Steppe
327	043	NA											TJ	6/1/2011	43.72809906070	-117.15904422700		260.3	UNKNOWN
328	044	0659	E									EPHEM	TJ	6/1/2011	43.72844362010	-117.15971518200		260.3	Columbia Basin Foothill Riparian Woodland and Shrubland
329	045	0660	W		ARTTRI 10	BROTEC 30 POASEC10, SITHYS1		80	4			THIN SOILS	TJ	6/1/2011	43.72978340060	-117.16283929600		260.1	Inter-Mountain Basins Big Sagebrush Steppe
330	046	0661	W		ARTTRI 30, GRASPI1	BROTEC 50, POASEC25 PSESPI1		50	4				TJ	6/1/2011	43.73024948130	-117.16368014600		260.0	Inter-Mountain Basins Big Sagebrush Steppe
331	047	NA										ROCKOUTCROP BASALT	TJ	6/1/2011	43.73110767700	-117.16602995700		259.9	Inter-Mountain Basins Cliff and Canyon
332	048	0662	W		ARTTRI 15	BROTEC 30, PSESPI10 POASEC25	BALSAG1 PHLHOO1	40	4				TJ	6/1/2011	43.73120053750	-117.16620983700		259.9	Inter-Mountain Basins Big Sagebrush Steppe
333	049	0663	W									CANAL W/WETLAND BELOW RD	TJ	6/1/2011	43.73149965320	-117.16701822000		259.9	North American Arid West Emergent Marsh
334	050	0665	SE		ELEANG	CAREX							TJ	6/1/2011	43.73271736620	-117.16872468000		259.7	North American Arid West Emergent Marsh
335	051	0666	N		ARTTRI 15, SARVER1 CHRVIS1 GRASPI1	BROTEC40,POASEC20,	CASTILLSP1 ,PENSP 1	30	4				TJ	6/1/2011	43.73279169280	-117.16943089800		259.7	Inter-Mountain Basins Big Sagebrush Steppe
336	052	0667	N									PERENNIAL	TJ	6/1/2011	43.73348370570	-117.17097539000		259.6	Columbia Basin Foothill Riparian Woodland and Shrubland
337	053	NA								CARDRA	.01AC		TJ	6/1/2011	43.73359539670	-117.17160816600		259.6	Noxious Weeds
338	054	NA								ONOACA	.01AC		TJ	6/1/2011	43.73367979660	-117.17208795000		259.6	Noxious Weeds
339	055	NA								TAMARISK	INDIVIDUAL		TJ	6/1/2011	43.73423388790	-117.17295422300		259.5	Noxious Weeds
340	056	0668	N		SALIX							WETLAND	TJ	6/1/2011	43.73565017490	-117.17424521000		259.4	North American Arid West Emergent Marsh
341	057	0669	N	POPTRI1	ARTTRI 1	POABUL 80		10	4			RIPARIAN	TJ	6/1/2011	43.73627511440	-117.17464975800		259.3	Columbia Basin Foothill Riparian Woodland and Shrubland
342	058	NA								CARDRA	.01A		TJ	6/1/2011	43.73629413210	-117.17536079600		259.3	Noxious Weeds
343	62-1	0670	SE		CHRNAU 1,CHRVIS1,ARTTRI 1	AGRCRI50,POASEC30,BROTEC 1	RUNTES1 DELPINIUM1, PHLHOO1	30	3	ONOACA	.01AC		TJ	6/2/2011	43.79775342710	-117.24353479600		253.6	Introduced Upland Vegetation - Annual and Perennial Grassland
344	62-2	NA										ROCKOUTCROP BASALT	TJ	6/2/2011	43.78288248840	-117.23323136000		254.7	Inter-Mountain Basins Cliff and Canyon
345	62-3	NA								ONOACA	INDIVIDUAL		TJ	6/2/2011	43.78279684360	-117.23320624900		254.8	Noxious Weeds
346	62-4	0675										EPHEM	TJ	6/2/2011	43.78238051590	-117.23282800500		254.8	Columbia Basin Foothill Riparian Woodland and Shrubland
347	62-5	0676	SE		ARTTRI 1	BROTEC 40 AGRCRI5	EROCIC10	60	5	ONOACA	THROUGHOUT	GRAZING	TJ	6/2/2011	43.78025633520	-117.23143668400		255.0	Introduced Upland Vegetation - Annual and Perennial Grassland
348	62-6	0677	SE			AGRCRI50 BROTEC 40	DESSP1	20	4				TJ	6/2/2011	43.77659293480	-117.22937385700		255.2	Introduced Upland Vegetation - Annual and Perennial Grassland
349	62-7	0678	E									EPHEM	TJ	6/2/2011	43.77556323370	-117.22784498500		255.3	Columbia Basin Foothill Riparian Woodland and Shrubland
350	62-8	0679	E									EPHEM	TJ	6/2/2011	43.77386883220	-117.22718316400		255.4	Columbia Basin Foothill Riparian Woodland and Shrubland
351	62-9	NA								ONOACA	INDIVIDUAL		TJ	6/2/2011	43.77386648450	-117.22718434300		255.4	Noxious Weeds
352	62-10	0684	SE		CHRVIS1	SITHYS1 AGRCRI30 BROTEC 30 POASEC 40	DESSP1 PHLHOO1	40,LIT15	4				TJ	6/2/2011	43.77323102550	-117.22691191500		255.5	Introduced Upland Vegetation - Annual and Perennial Grassland
353	62-11	NA								ONOACA	INDIVIDUAL		TJ	6/2/2011	43.77232731630	-117.22585547600		255.6	Noxious Weeds

OBJECTID	ID	PH_NUM	DIR	TREE	SHRUB	HERB	FORB	BG	HAB_QAL	NOX	SIZE	NOTES	NAME	DATE_	Lat	Long	CoverSheet	MilePost	EcoSys_Rev
354	62-12	0685	SE		CHRNAU10, ARTTRI 1	BROTEC 70 POASEC 10		20	5			FIRE GRAZING.BASALT TUFF	TJ	6/2/2011	43.77135378600	-117.22532823600		255.6	Inter-Mountain Basins Big Sagebrush Steppe
355	62-13	0686	W									PERENNIAL	TJ	6/2/2011	43.77012670860	-117.22395486900		255.7	Columbia Basin Foothill Riparian Woodland and Shrubland
356	62-14	0687	SE		ARTTRI35	BROTEC 30 POASEC25	DESSP1 COMUMB1 LEPPER1	50 LIT10	4				TJ	6/2/2011	43.76882236300	-117.22348298800		255.8	Inter-Mountain Basins Big Sagebrush Steppe
357	62-15	0688	E									EPHEM	TJ	6/2/2011	43.76821352660	-117.22255929500		255.9	Columbia Basin Foothill Riparian Woodland and Shrubland
358	62-16	0689	S		ARTTRI 10 CHRVIS1	BROTEC 70	LEPPER10 EROCIC1 DESSP1	30	5			GRAZING	TJ	6/2/2011	43.76731846190	-117.22215358100		256.0	Inter-Mountain Basins Big Sagebrush Steppe
359	62-17	0690	S		GRASPI1, ARTTRI 35,CHRVIS1	BROTEC 70 POASEC15	EROCIC5 DESSP5 OPUPOL1 PHLHOO1	50 MOSS5 LIT 5	5			GRAZING	TJ	6/2/2011	43.76472493820	-117.22091845700		256.1	Inter-Mountain Basins Big Sagebrush Steppe
360	62-18	NA	W									EPHEM	TJ	6/2/2011	43.76264223680	-117.21954426600		256.3	Columbia Basin Foothill Riparian Woodland and Shrubland
361	62-19	NA								ONOACA	INDIVIDUALS		TJ	6/2/2011	43.76264314970	-117.21954528500		256.3	Noxious Weeds
362	62-20	0692	S		ARTTRI 5, GRASPI5 SARVER1	ELECIN1,POASEC 5, PSESPI1, BROTEC 25	CASTILLSP1 COMPSP1 PHLHOO1	40	4				TJ	6/2/2011	43.76179433780	-117.21879877300		256.4	Inter-Mountain Basins Big Sagebrush Steppe
363	62-21	0693	NW									EPHEM	TJ	6/2/2011	43.76084937770	-117.21829093200		256.4	Columbia Basin Foothill Riparian Woodland and Shrubland
364	62-22	0694	W							TAMARISK	INDIVIDUALS	PERENNIAL WETLAND	TJ	6/2/2011	43.76069396190	-117.21806331400		256.5	North American Arid West Emergent Marsh
365	62-23	0695	S		ARTTRI 25, GRASPI1	BROTEC 30,POASEC25 PSESPI5 SITHYS1	COMP1, CASTILLSP1 ALLIUM1	20 LIT 20	4				TJ	6/2/2011	43.76038423870	-117.21794232200	62-23xx	256.5	Inter-Mountain Basins Big Sagebrush Steppe
366	62-24	0696	N									EPHEM	TJ	6/2/2011	43.75811300640	-117.21456816700		256.7	Columbia Basin Foothill Riparian Woodland and Shrubland
367	62-25	0697	SE		ARTTRI 10	SITVIR1 POASEC30 PSESPI1 BROTEC 30	BALSAG5	30 LIT5	4				TJ	6/2/2011	43.75780481510	-117.21465534700		256.7	Inter-Mountain Basins Big Sagebrush Steppe
368	62-26	0698	SE	DATA SHEETS	ARTTRI 5	PSESPI30 POASEC25 BROTEC 10	BALSAG1	20	3				TJ	6/2/2011	43.75543489480	-117.20968361400	62-26xx	257.0	Inter-Mountain Basins Big Sagebrush Steppe
369	62-27	NA										ROCKOUTCROP	TJ	6/2/2011	43.75182692930	-117.20298315300		257.4	Inter-Mountain Basins Cliff and Canyon
370	62-28	0699	SE		EURLAN1 ARTTRI 5 GRASPI1	ORYHYM1 BROTEC 20 POASEC25 PSESPI40	BALSAG1,TELLAC1	40	3				TJ	6/2/2011	43.75178469300	-117.20291873400		257.5	Inter-Mountain Basins Big Sagebrush Steppe
371	62-29	0700	E									EPHEM	TJ	6/2/2011	43.75130751840	-117.20211831000		257.5	Columbia Basin Foothill Riparian Woodland and Shrubland
372	62-30	0701	SE		ARTTRI 5 SATDOR1 GRASPI1 GUTSAR1	BROTEC 25	BALSAG1 CASTILLSP1	70	3			RARE PLANT	TJ	6/2/2011	43.74705227390	-117.19789006500		257.9	Inter-Mountain Basins Big Sagebrush Steppe
373	62-29	0703	SE		ARTTRI 25 GRASPI5	BROTEC 60 POASEC30	SPHMUN1 DESSP10	60	5			GRAZING	TJ	6/2/2011	43.74542984100	-117.19611704000		258.0	Inter-Mountain Basins Big Sagebrush Steppe
374	62-30	NA								ONOACA	INDIVIDUAL		TJ	6/2/2011	43.74478469520	-117.19484212100		258.1	Noxious Weeds
375	62-31	NA								ONOACA	1AC		TJ	6/2/2011	43.74500559040	-117.19123774500		258.3	Noxious Weeds
376	62-32	0705	SE		ARTTRI 10	BROTEC 30 POASEC40	PHLHOO1	40	4				TJ	6/2/2011	43.74459100070	-117.18850864700		258.4	Inter-Mountain Basins Big Sagebrush Steppe
377	62-33	0706	S			BROTEC 70	AMSINCHIA1	45	5	CARDRA	.01AC	FIRE	TJ	6/2/2011	43.74384576580	-117.18741379900		258.5	Introduced Upland Vegetation - Annual and Perennial Grassland
378	62-34	NA								ONOACA	INDIVIDUAL		TJ	6/2/2011	43.74345784680	-117.18705433900		258.5	Noxious Weeds
379	62-35	0707	E									EPHEM	TJ	6/2/2011	43.74328427370	-117.18662796900		258.5	Columbia Basin Foothill Riparian Woodland and Shrubland
380	62-36	0708	SE		ARTTRI 15	PSESPI30 POASEC25 BROTEC 25	PHLHOO1	20 MOSS30	3				TJ	6/2/2011	43.74323787190	-117.18647800900	62-36xx	258.5	Inter-Mountain Basins Big Sagebrush Steppe
381	62-37	0709	SE			BROTEC 70	AMSINCHIA1	45	5				TJ	6/2/2011	43.74274890470	-117.18466145600		258.6	Introduced Upland Vegetation - Annual and Perennial Grassland
382	62-38	0711	E									EPHEM	TJ	6/2/2011	43.74237794060	-117.18397123200		258.7	Columbia Basin Foothill Riparian Woodland and Shrubland
383	62-39	NA								ONOACA	INDIVIDUALS		TJ	6/2/2011	43.74237600920	-117.18397067700		258.7	Noxious Weeds
384	62-40	0712	SE		ARTTRI 15	POASEC40 BROTEC 30 SITHYS1	ASTRAG 1 PHLHOO1	20 MOSS30	4				TJ	6/2/2011	43.74233017650	-117.18370358300		258.7	Inter-Mountain Basins Big Sagebrush Steppe
385	62-41	0719	E	POPTRI1 SALAMIG						ONOACA	INDIVIDUAL	WETLAND	TJ	6/2/2011	43.74135313120	-117.18170936200		258.8	North American Arid West Emergent Marsh
386	62-42	0720	SE		SARVIR1 CHRVIS5 ARTTRI 1	ANNUAL CREST25	LEPPER40	60	5			GRAZING	TJ	6/2/2011	43.74190320700	-117.18177383400		258.8	Inter-Mountain Basins Big Sagebrush Steppe
387	62-43	NA								BINDWEED	INDIVIDUAL		TJ	6/2/2011	43.74121661300	-117.17982764100		258.9	Noxious Weeds
388	62-44	0721	SE		ARTTRI 1 GUTSAR5	POASEC5 SITHYS1	CALNUT1 ALLISUM 10	70	5			GRAZING	TJ	6/2/2011	43.74013154140	-117.17840842600		259.0	Inter-Mountain Basins Big Sagebrush Steppe
389	62-45	0722	S									EPHEM	TJ	6/2/2011	43.73987841440	-117.17807239700		259.0	Columbia Basin Foothill Riparian Woodland and Shrubland
390	62-46	0723	S		GUTSAR5	BROTEC 40	DESSP1	30 RK 40	5			DISTURBED	TJ	6/2/2011	43.73938970450	-117.17676363700		259.1	Inter-Mountain Basins Mixed Salt Desert Scrub
391	62-47	0724	NE									WETLAND	TJ	6/2/2011	43.73781131650	-117.17559330900		259.2	North American Arid West Emergent Marsh
392	63-1	NA								CARDRA	1AC		TJ	5/15/2011	44.07297919740	-117.47428105200		228.0	Noxious Weeds
393	63-2	001	E									INTERMITTENT	TJ	6/3/2011	44.07406599680	-117.47502369700		228.0	Columbia Basin Foothill Riparian Woodland and Shrubland
394	63-3	002	NE		ARTTRI5 CHRNAU 1 ARTRID1	POABUL5 STIVIR10 PSESPI20 BROTEC40 ELECIN 1	BALSAG1 EROCIC1 DESSP1	30	4	ONOACA	INDIVIDUAL	CHECK SAGE	TJ	6/3/2011	44.07409259700	-117.47504887700	63-3xx	228.0	Inter-Mountain Basins Cliff and Canyon
395	63-4	004	NE		ARTTRI 10 CHYNAU1	POABUL40 STIVIR20 PSESPI5	LUPSUL1 PHLHOO1	40	4				TJ	6/3/2011	44.07837866580	-117.47467856900		227.7	Inter-Mountain Basins Big Sagebrush Steppe
396	63-5	005	NE		ARTTRI 10	POABUL10 POASEC5	CREACU1 ZIGVUL1 ALIACU1 PERGAI1	70	4			TUFF	TJ	6/3/2011	44.08098977960	-117.47433066400		227.5	Inter-Mountain Basins Big Sagebrush Steppe
397	63-6	006	NE		ARTTRI 5 CHRNAU1	PSESPI5 STIVIR20 5 POABUL30	LUPSUL1	40	4				TJ	6/3/2011	44.08162520890	-117.47411199700		227.4	Inter-Mountain Basins Big Sagebrush Steppe
398	63-7	NA								ONOACA	.01AC		TJ	6/3/2011	44.08258407220	-117.47426115000		227.4	Noxious Weeds
399	63-8	NA								CARDRA	.01AC		TJ	6/3/2011	44.08266731620	-117.47430388200		227.4	Noxious Weeds
400	63-9	007	S									INTERMITTENT	TJ	6/3/2011	44.08335163610	-117.47376123400		227.3	Columbia Basin Foothill Riparian Woodland and Shrubland
401	63-10	009	N		ARTTRI 20	POABUL30 ELECIN1 PSESPI5 CHRNAU1	PENSPE1 ALIACU1 PHLHOO1	60	4				TJ	6/3/2011	44.08402650890	-117.47364751600		227.3	Inter-Mountain Basins Big Sagebrush Steppe
402	63-11	0014	N		ARTTRI 10	POABUL60	LEPPER1	30	5	MEDUSA	THROUGHOUT		TJ	6/3/2011	44.08827235120	-117.47764049300		226.9	Inter-Mountain Basins Big Sagebrush Steppe
403	63-12	0015	NW		ARTTRI 15 CHYVIS1	POABUL30 BROTEC 30 SITHYS1	PERGAI1 ALIACU1 CREACU1	15	5	MEDUSA	5AC		TJ	6/3/2011	44.09005811090	-117.47935282600		226.8	Inter-Mountain Basins Big Sagebrush Steppe
404	63-14	NA								ONOACA	.01AC		TJ	6/3/2011	44.09280244590	-117.48118659600		226.6	Noxious Weeds
405	63-15	NA								CARDRA	.1AC		TJ	6/3/2011	44.09310047520	-117.48154594500		226.5	Noxious Weeds
406	63-16	0016	S									WETLAND	TJ	6/3/2011	44.09329611310	-117.48194787600		226.5	North American Arid West Emergent Marsh
407	63-17	NA								ONOACA	.01		TJ	6/3/2011	44.09339779510	-117.48226355800		226.5	Noxious Weeds
408	63-18	NA										BASALT TALUS RARE PLANT	TJ	6/3/2011	44.09339456920	-117.48226184000		226.5	Sensitive Habitat/Rare Plant
409	63-19	0018	W		ARTTRI 15	STIVIR1 POASEC30 POABUL15 BROTEC 20	ERIAPH1 ALIACU1 CASTILLSP1 LUPSUL1 CREACU1	40 RK2 MOSS10	4			DATA SHEET	TJ	6/3/2011	44.09399773290	-117.48332174900	63-19xx	226.4	Inter-Mountain Basins Big Sagebrush Steppe
410	63-20	NA								MEDUSA .01			TJ	6/3/2011	44.09593956820	-117.48542811500		226.3	Noxious Weeds
411	63-21	NA										EPHEM	TJ	6/3/2011	44.09633554240	-117.48570574800		226.2	Columbia Basin Foothill Riparian Woodland and Shrubland
412	63-CROSSING 2	0019, 0020					STREAM CROSSING						TJ	6/3/2011	44.10010560140	-117.48930944700		225.9	Columbia Basin Foothill Riparian Woodland and Shrubland
413	63-23	NA								ONOACA	.01		TJ	6/3/2011	44.09992741740	-117.48670474600		226.0	Noxious Weeds
414	63-24	NA								TAECAP	.01		TJ	6/3/2011	44.10268524580	-117.49166094100		225.7	Noxious Weeds
415	63-25	0028	W		ARTTRI 20	POASEC30 POABUL30	LUPSUL10	40	4				TJ	6/3/2011	44.10535634270	-117.49480561400		225.5	Inter-Mountain Basins Big Sagebrush Steppe
416	63-26	0033				POABUL40 POASEC25	CIRUTH1 CREACU1 ALLIUM1 LUPSUL1 ZIGVUL1	30 LT20 MOSS1	4			CHECK WITH MARY SEE EARLIER DELETE	TJ	6/3/2011	44.10611804020	-117.49531853500		225.4	Inter-Mountain Basins Big Sagebrush Steppe
417	63-27	0038	E									EPHEM	TJ	6/3/2011	44.11068616800	-117.49958120400		225.0	Columbia Basin Foothill Riparian Woodland and Shrubland
418	63-28	0039			ARTTRI 20	SITHYS1 BROTEC 20 POABUL5 POASEC30	ALIACU1 CREACU1	40	4				TJ	6/3/2011	44.11128378690	-117.50030682800		225.0	Inter-Mountain Basins Big Sagebrush Steppe
419	63-29	NA								ONOACA .01			TJ	6/3/2011	44.11242282360	-117.50136960700		224.9	Noxious Weeds

OBJECTID	ID	PH_NUM	DIR	TREE	SHRUB	HERB	FORB	BG	HAB_QAL	NOX	SIZE	NOTES	NAME	DATE_	Lat	Long	CoverSheet	MilePost	EcoSys_Rev
420	63-30	0044										WETLAND	TJ	6/3/2011	44.11543335530	-117.50353063400		224.7	North American Arid West Emergent Marsh
421	63-31	NA								CARDRA	.1		TJ	6/3/2011	44.11556024500	-117.50341048500		224.7	Noxious Weeds
422	63-32	NA								ONOACA	.01		TJ	6/3/2011	44.11554909110	-117.50453556100		224.6	Noxious Weeds
423	63-33	0049	N		ARTTRI 20	POABUL30 POASEC30	LUPSUL10	40 LT40	4			DATA SHEET GRAZING	TJ	6/3/2011	44.11603327460	-117.50507950000		224.6	Inter-Mountain Basins Big Sagebrush Steppe
424	63-34	0054	N		ARTTRI 15	POABUL10 BROTEC 15 POASEC30	ALLIUM1 LUPSUL1	30 LT20 MOSS10	4				TJ	6/3/2011	44.12333893180	-117.51042906800	63-34xx	224.0	Inter-Mountain Basins Big Sagebrush Steppe
425	63-35	0061	NW		ARTTRI 20	STIVIR1 BROTEC 30 POASEC10 POABUL30	ALIACU1	30 LIT10	4			GRAZING	TJ	6/3/2011	44.12916971620	-117.51068827400		223.6	Inter-Mountain Basins Big Sagebrush Steppe
426	63-36	0062	NW		ARTTRI 15 CHRVIS5 ROSE1	POASEC25 BROTEC 5	RAYLESS1 PHALIN1	30 MOSS30	3				TJ	6/3/2011	44.13371202300	-117.51020816900		223.3	Inter-Mountain Basins Big Sagebrush Steppe
427	63-37	0063	NW		ARTTRI 15	POASEC30 BROTEC 1	LUPSUL20	40 MOSS30	3				TJ	6/3/2011	44.13518779770	-117.51028837500		223.2	Inter-Mountain Basins Big Sagebrush Steppe
428	63-38	0068	NW		ARTTRI 15 CHRNAU 1	POABUL30 POASEC15 BROTEC 30	LUPSUL1	50RK10	4			GRAZING	TJ	6/3/2011	44.13958672570	-117.51049611300		222.9	Inter-Mountain Basins Big Sagebrush Steppe
429	63-39	0069										WETLAND	TJ	6/3/2011	44.14015351080	-117.50987732900		222.8	North American Arid West Emergent Marsh
430	63-40	0074	NW		ARTTRI 20	BROTEC 1 POASEC25 POABUL30	LUPSUL10 COMUMB1	30	4				TJ	6/3/2011	44.14496309750	-117.51026628400		222.5	Inter-Mountain Basins Big Sagebrush Steppe
431	63-41	0075	N									AGRIC	TJ	6/3/2011	44.14606929270	-117.51029842600		222.4	UNKNOWN
432	64-1	001	NW		ARTTRI 15 CHRNAU 1	AGRCRI1 STIVIR1 POABUL60 PSESPI1 ELECIN1	COMUMB1 CREACU1 BALSAG1 LUPINESP 1 SISALT1	30 LT20 RK1	5			GRAZING	TJ	6/4/2011	44.15058883500	-117.51048664000	64-1xx	222.1	Inter-Mountain Basins Big Sagebrush Steppe
433	64-2	006	NW		ARTTRI 15	POABUL20 BROTEC 1 POASEC5	ALIACU1 LUPSUL1	60 MOSS5 LI5	4				TJ	6/4/2011	44.15241010950	-117.51016227000	64-2xx	222.0	Inter-Mountain Basins Big Sagebrush Steppe
434	64-3	007	NW		ARTLUT10	POABUL5 POASEC25		60 RK10	4				TJ	6/4/2011	44.15693649470	-117.51017461800		221.7	Inter-Mountain Basins Big Sagebrush Steppe
435	64-4	008	NW		ARTTRI 15	AGRCRI 15 SITHYS1 POABUL10 BROTEC 10 POASEC20	LEPPER1 ALIACU1 ZYGVEN1 PHLHOO1	40	5			GRAZING	TJ	6/4/2011	44.15770860090	-117.51039469200		221.6	Inter-Mountain Basins Big Sagebrush Steppe
436	64-5	0013	E									WETLAND	TJ	6/4/2011	44.16583788690	-117.50935426100		221.1	North American Arid West Emergent Marsh
437	1.0	1.0-1	NW		ARTTRI20CHRVIC 15	BROTEC 60	DELPHINIUM 1 BALSAG 1	15	3				MM	5/11/2011	43.87379952970	-117.39644856800		0.9	Inter-Mountain Basins Big Sagebrush Shrubland
438	0.9	.9-1	NW			BROTEC 80	SYSIMBRIUM PHLOX	15	5				MM	5/11/2011	43.87553824320	-117.39876835900		0.7	Introduced Upland Vegetation - Annual and Perennial Grassland
439	242.1											POTENTIAL WHITETOP 90 FT IN DIAMETER	MM	5/11/2011	43.88585641280	-117.41356273700		242.1	Noxious Weeds
440	23-1	-1	NW		ARTTRI 15 GRESPI 2 CHRVI	BROTEC 40	ANNUAL MUSTARD 2	15	4				MM	5/23/2011	43.51996949910	-116.97368382200		278.1	Inter-Mountain Basins Big Sagebrush Steppe
441	2	NW	NW2		GRESPI 15 ARTTRI 10	BROTEC 60 SYSHYS 5	SPHCOC 1 CLASPING PEPPERWEED	15	4				MM	5/23/2011	43.52061011700	-116.97469077000		278.0	Inter-Mountain Basins Mixed Salt Desert Scrub
442	3	-1	NW		GRESPI 10 ARTTRI 5	BROTEC 85	AMSINKIA 3 CLASPING PEPPERWEED	20	5				MM	5/26/2011	43.52557284000	-116.98271953000		277.5	Inter-Mountain Basins Mixed Salt Desert Scrub
443	4		NW		ATRIPLEX CONFERTFOLIA 5 ARTTRI 25 GRESI 15	BROTEC 60 POASEC 5 STIVIR 2	CLASPING PEPPER GRASS 5	10	4				MM	5/26/2011	43.52856922380	-116.98856858200	4mm	277.1	Inter-Mountain Basins Mixed Salt Desert Scrub
444	24-1	1										CLIFF	MM	5/26/2011	43.53474732870	-117.00182210400		276.4	Inter-Mountain Basins Cliff and Canyon
445	24-2	2	NW		ARTTRI 40ATRCON 5	POASEC 25 BROTEC 40	SPHCOC 1	5	4				MM	5/26/2011	43.53508797390	-117.00299219200	24-2xx	276.3	Inter-Mountain Basins Big Sagebrush Steppe
446	23-3	-3										CLIFF	MM	5/26/2011	43.53607043160	-117.00429731100		276.2	Inter-Mountain Basins Cliff and Canyon
447	23-5	-5	NW		ARTTRI 5	BROTEC 65 POASEC 10	DESFIL1	25	5			SET BEGGINING 500 FT SE AT BOTTOM OF CYN	MM	5/26/2011	43.53666763240	-117.00533553000		276.1	Introduced Upland Vegetation - Annual and Perennial Grassland
448	24-6	-6	NW		ARTTRI 50 ATRCON 8	POASEC 15 BROTEC 40 SITHYS2	DESPIN 1 PHLOX 1	10	4				MM	5/26/2011	43.54655546140	-117.02251468800	24-6mm	275.0	Inter-Mountain Basins Big Sagebrush Shrubland
449	24-7	-7	NW		ARTARBUSCULA20	BROTEC 20 POASE SITC 10	AGOSERIS 1	15	4				MM	5/26/2011	43.55159594290	-117.02833000900		274.6	Inter-Mountain Basins Mixed Salt Desert Scrub
450	23-8	-8	NW		SARVER 5	BROTEC 60	CARDRA 10	10	5	CARDRA	1/2 ACRE_SIZE PATCHES	START 1/2 MILE BACK	MM	5/26/2011	43.56536152610	-117.04214467900		273.4	Introduced Upland Vegetation - Annual and Biennial Forbland
451	24-9	-9							4	CARDRA	1/4 AC-THROUGHOUT	4-5	MM	5/24/2011	43.57007506480	-117.04898818200		272.9	Introduced Upland Vegetation - Annual and Biennial Forbland
452	24-10	NONE										ALL WEEDS SAME AS PREV POINT	MM	5/25/2011	43.58228777260	-117.06656830500		271.7	UNKNOWN
453	24-11	-11	NW		ARTTRI 30 GRESI 5 ARTC	BROTEC 35 POASEC 15 SITHYS 2	CLASPING PEPPER WEED 10 AMSINKIA 5	15	4				MM	5/25/2011	43.58278748620	-117.06760893000		271.6	Inter-Mountain Basins Big Sagebrush Steppe
454	24-12	NONE								CARDRA	1 ACRE	APPROXIMATELY 9 SB STEPPE CONTUES TO STREAM CROSSING PATCHES IN AREA	MM	5/25/2011	43.58460499050	-117.07137063700		271.4	Noxious Weeds
455	25-1	1-	NW		ARTTRI 25 ARTCON 10	BROTEC 60 POASEC 5 SITHYS 2	DESPIN 3 SPHCOC 1	20	4				MM	5/26/2011	43.61071078460	-117.08828444300		269.3	Inter-Mountain Basins Big Sagebrush Steppe
456	25-2	NO PHOTO								CARDRA	1/8 AC		MM	5/26/2011	43.61556486040	-117.09160644100		268.9	Noxious Weeds
457	25-3	-3	NW		ARTCON 2	BROTEC 30 POASEC 5	CLASPING PEPPER WEED 25 DESPIN 20	20	5				MM	5/26/2011	43.61569513540	-117.09168013700		268.9	Introduced Upland Vegetation - Annual and Perennial Grassland
458	25-4	-4	NW		BUDSAGE 2GRESPI 10 ARTC	BROTEC 35 POASEC 15	SPHCOC 3	20					MM	5/26/2011	43.61631544330	-117.09205105000	25-4xx	268.8	Inter-Mountain Basins Big Sagebrush Shrubland
459	25-5	NO PHOTO								CARDRA	30 X 30FT	ONE PATCH	MM	5/25/2011	43.62005552520	-117.09444054500		268.6	Noxious Weeds
460	25-6	-6	NW		ARTTRI 2	BROTEC 65 POASEC 5	DESPIN 10 CLASPING PEPPER WEED 8	25	4				MM	5/25/2011	43.62091565930	-117.09498488900		268.5	Introduced Upland Vegetation - Annual and Perennial Grassland
461	25-7	NONE								CARDRA	60 X 60 FT	8 SIMILAR SIZE PATCHES ACROSS BUFFER	MM	5/25/2011	43.62147739490	-117.09536614200		268.4	Noxious Weeds
462	25-8	-8	NW		ARTTRI 10 ARTCON 40	BROTEC 35 POASEC 10	DESPIN 5	10	4				MM	5/25/2011	43.62246909540	-117.09619305800		268.4	Inter-Mountain Basins Mat Saltbush Shrubland
463	25-9	NONE								CARDRA	50 X 30 FT	3 SIMILAR SIZE PATCHES IN AREA	MM	5/25/2011	43.62303579310	-117.09677108900		268.3	Noxious Weeds
464	25-10	-10	NW		ARTTRI 15 GEYSPI 20 CH	BROTEC 5 POASEC 10 ORYHYM 5	WOODY SALVIA 10	20	4			SRART ECOSYSTEM 200 M SE	MM	5/25/2011	43.62603683260	-117.09865472500	25-10xx	268.1	Inter-Mountain Basins Big Sagebrush Steppe
465	25-11	-11	NW		ARTTRI 35 ARTCON 15	BROTEC 35 STIPA COM 5POASEC 10	DESPIN 4	15	4				MM	5/25/2011	43.62914376710	-117.10020140800		267.9	Inter-Mountain Basins Big Sagebrush Steppe
466	25-12	-12	NW		ARTTRI 10 ARTCON N5	BROTEC 65	AMSINKIA 10 DELPHINIUM 1	10	4				MM	5/25/2011	43.62976764960	-117.10049819900		267.8	Introduced Upland Vegetation - Annual and Perennial Grassland
467	25-13	-13	NW		ARTTRI 10 ATRCON 10 CH	POASEC 20 BROTEC 10	ANTENARIA 5 ERIOGONUM 2 PHLOX 1	20	4				MM	5/25/2011	43.63053063930	-117.10124260300		267.8	Inter-Mountain Basins Big Sagebrush Steppe
468	25-13	-13	NW		ARTTRI 10 ATRCON 10 CH	POASEC 20 BROTEC 10	ANTENARIA 5 ERIOGONUM 2 PHLOX 1	20	4				MM	5/25/2011	43.63332334060	-117.10257301200		267.6	Inter-Mountain Basins Big Sagebrush Steppe
469	25-14	-14	NW		ARTTRI 5	BROTEC 40 POASEC 15 STIVIR 10	DESCURANIA PINN 10 PHLOX2	5	5				MM	5/25/2011	43.63988931880	-117.10672159500		267.1	Introduced Upland Vegetation - Annual and Perennial Grassland
470	25-15	-15	NW		ARTTRI 15 ARTCON 15	BROTEC 10 POASEC 10	ERIOGONUM 5 ARENARIA 2	20	4				MM	5/25/2011	43.64155991030	-117.10791824900		266.9	Inter-Mountain Basins Big Sagebrush Steppe
471	25-16	-16	N		ARTCON 20 ARTTRI 15 TETR	ORYHYM 5 STIPA COM 2 STIVIR 4	ASTRAGALUS 5 BALSAG 8 ERIOGONUM 5	15	3				MM	5/25/2011	43.64330508370	-117.10825499900		266.8	Inter-Mountain Basins Mixed Salt Desert Scrub
472	25-17	-17	N		ARTTRI 40 ATRCON 8	POASEC 30 BROTEC 15 STIPA COM 20	BALSAG 15 DELPHINIUM 2	10	3				MM	5/25/2011	43.64525380450	-117.10996119300		266.7	Inter-Mountain Basins Big Sagebrush Steppe
473	25-18	-18	N		ARTTRI 35 ARTCON 10	BROTEC 35 POASEC 15	DESPIN 2 DELPHINIUM 1	25	4			CHANGE D AT FENCELINE	MM	5/25/2011	43.64988820530	-117.11267778600	25-18xx	266.3	Inter-Mountain Basins Big Sagebrush Steppe
474	25-19	-19	N		ATRCON 5 ARTTRI 20	BROTEC 20 POASEC 15	DESPIN N8 ERIOGONUM 4	30	4				MM	5/26/2011	43.65842117330	-117.11776617600		265.7	Inter-Mountain Basins Big Sagebrush Steppe
475	25-20	-20	N		CHRVIC 10 ARTTRI 20 TE	POASEC 25 BROTEC 40	PHLOX 3 AMSINKIA 5	15	4				MM	5/26/2011	43.66029122630	-117.11894375500		265.5	Inter-Mountain Basins Big Sagebrush Steppe
476	26-1	-1	N		ART TRI 5	AGRCHR 35 BROTEC 30	DESPIN 1	5 NOT INCLUDING DI	4				MM	5/26/2011	43.89609193780	-117.44503914600	26-1xx	240.5	Columbia Plateau Steppe and Grassland
477	26-2	NONE								CARDRA 8 X 30 FT DISTURBED AREA			MM	5/26/2011	43.90392078560	-117.44755887000		240.1	Noxious Weeds
478	26-3	-3	N/A							CARDRA	60 X 15 FT	IN ROAD	MM	5/26/2011	43.91024737350	-117.45246129600		239.6	Noxious Weeds
479	26-4	-4	N		ARTTRI 35 CHRVIC 8	BROTEC 35 AGRCHR 10 LEYTRI 8	LUPINUS 3	20	4				MM	5/26/2011	43.91163205990	-117.45388117700		239.5	Inter-Mountain Basins Big Sagebrush Steppe
480	26-5	NONE								CARDRA	15 X 30	IN ROAD	MM	5/26/2011	43.91484421550	-117.45268543700		239.3	Noxious Weeds

OBJECTID	ID	PH_NUM	DIR	TREE	SHRUB	HERB	FORB	BG	HAB_QAL	NOX	SIZE	NOTES	NAME	DATE_	Lat	Long	CoverSheet	MilePost	EcoSys_Rev
481	26-6	-6	N		ARTTRI 25	BROTEC 30POASEC 5 SITHYS 2	PHLOX 2 SUNFLOWER 3	30	4			NEW ROAD SEGMENT	MM	5/13/2011	43.93695028490	-117.46333671900		237.8	Inter-Mountain Basins Big Sagebrush Steppe
482	26-7	NONE								CARDRA	80X80	FT	MM	5/26/2011	43.94129369620	-117.46688095100		237.4	Noxious Weeds
483	26-8		NE		ARTTRI 5	BROTEC 60	AGOSERIS 5	25	5				MM	5/26/2011	43.94231901310	-117.46691535100	26-8xx	237.3	Introduced Upland Vegetation - Annual and Perennial Grassland
484	26-9	NONE								CARDRA	100 X 40	CARDRA THROUGHOUT	MM	5/26/2011	43.94249515390	-117.46688601000		237.3	Noxious Weeds
485	26-10	-10	N		ARTTRI 40	AGRCHR 30 POASE 5	PHLOX 5	20	4				MM	5/26/2011	43.90269924040	-117.44455478100		240.2	Inter-Mountain Basins Big Sagebrush Steppe
486	26-11	-11	NE		ARTTRI	BROTEC AGRCHR							MM	5/26/2011	43.90279173060	-117.44423344600		240.2	UNKNOWN
487	26-11	-11	NE		ARTTRI	BROTEC AGRCHR	N/A	30					MM	5/26/2011	43.90325015540	-117.44390073200		240.2	Inter-Mountain Basins Big Sagebrush Steppe
488	26-12	-12	NW	RUSSIAN OLIVE 1 ALDER 1	ARTTRI 5 CHRVIC 4	BROTEC	CARDRA 30 CLASPING PEPPER WEED 40 DESPIN	10	5	LARGE CARDRA PATCHES THROUGHOUT		ROAD DROPS OFF SHARPLY ON BOTY SIDES HIGHLY DISTURBED	MM	5/26/2011	43.95318734110	-117.45358628800	26-12xx	237.1	Introduced Upland Vegetation - Annual and Perennial Grassland
489	26-13	-13	S		ARTTRI 40 ATRCON 5	BROTEC 40 POABUL 10 POASEC 15		15	4				MM	5/26/2011	43.95705855020	-117.47774683100		236.2	Inter-Mountain Basins Big Sagebrush Steppe
490	1													6/1/2011	43.57029803340	-117.02880713500		273.6	UNKNOWN
491	060111-01	060111-01	N		SARVER 1	ERTRI3 15, POSE 1, BRTE5	LEPE2 5, DESO2 5, LELA2 1, CETE5 5	25	5	CADR	> 1 acre	grassland	RS	6/1/2011	43.57330221860	-117.03432122900	060111-01rs	273.3	Introduced Upland Vegetation - Annual and Perennial Grassland
492	060111-02	060111-02	SE		SARVER .5	ERTR13 15, BRTE 5, POASEC 1	LEPE2 20, CETE5, 5, DESO2 1	25	5	CADR	THROUGHOUT SITE	grazing	RS	6/1/2011	43.57553072150	-117.04849993400		272.7	Introduced Upland Vegetation - Annual and Perennial Grassland
493		060111-03	N		SARVER .5	ERTR13 10, BRTE 5, POSE 2	pennycress 15, AMLY 2, :LEPE2 5	20, rock 5	5	WHITE TOP	THROUGHOUT	GRAZING	RS	6/1/2011	43.58856488240	-117.08063502100		270.9	Columbia Plateau Steppe and Grassland
494	060111-04	060111-04	NE		SARVER .5	BRTE 15, ERTR13 5, POSE 2	CETE5, 15, LEPE2 5, AMLY	20	5	CADR	THROUGHOUT	GRAZING	RS	6/1/2011	43.59765980500	-117.08834702600	060111-04rs	270.2	Columbia Plateau Steppe and Grassland
495	060111-05	060111-05	E		ARTTRI 10, ATCO 1	BRTE 20, POSE 2,	LEPE2 10, CETE5 5, SPHAE .5	20	4	CADR	<.5 acre	GRAZING	RS	6/1/2011	43.60062375400	-117.08741040900		270.0	Inter-Mountain Basins Big Sagebrush Steppe
496	EPHEMERAL CHANNEL 2												RS	6/1/2011	43.60351246010	-117.08637777800		269.8	Columbia Basin Foothill Riparian Woodland and Shrubland
497	EPHEMERAL CHANNEL 3												RS	6/1/2011	43.60529761180	-117.08411609600		269.7	Columbia Basin Foothill Riparian Woodland and Shrubland
498	060111-06	060111-06	SE		ARTTRI .5	BRTE 20, ERTR13 5, POSE 1	LEPE2 15, DESO2 2, AMLY 2	20, rock 5	5	whitetop throughout	> 1 ACRE	grazing	RS	6/1/2011	43.60527874470	-117.08227574900		269.7	Columbia Plateau Steppe and Grassland
499	INTERMITTENT/PERENNIAL CROSSING 4												RS	6/2/2011	43.59253693500	-117.07613410000		270.9	Columbia Basin Foothill Riparian Woodland and Shrubland
500	060211-01	060211-01	NW		ARTTRI 15, ATCO 3,	BRTE 15, ERTR13 5, POSE 1	LEPE2 10, THAR5 10,	20	4			GRAZING	RS	6/2/2011	43.60054985290	-117.06698119200		270.0	Inter-Mountain Basins Big Sagebrush Steppe
501	060211-02	060211-02	W		ATCO .5	ERTR13 15, BRTE 1O, POSE 1	LEPE2 15, THAR5 10, CETE5 1	25	5	CADR	THROUGHOUT	GRAZING	RS	6/2/2011	43.59299985550	-117.07377465700	060211-02rs	270.9	Introduced Upland Vegetation - Annual and Perennial Grassland
502	060211-03	060211-03	S		SARVER 5, ARTTRI 2, TEGL	BRTE 15, ERTR13 10, POSE 2	THAR5 15, LEPE2 10, CARDRA 1	25	5	CADR	THROUGHOUT	GRAZING	RS	6/2/2011	43.58553909000	-117.06735994500		271.5	Inter-Mountain Basins Big Sagebrush Steppe
503	060211-04	060211-04	N	RUSSIAN OLIVE	ARTTRI 5, TEGL 3, ROSE 2	BRTE 10, ERTR13 10, POBU 5	LEPE2 25, CETE5 5, CADR 3	20	4	CADR	THROUGHOUT	GRAZING	RS	6/2/2011	43.58861152420	-117.07153644800		271.2	Columbia Basin Foothill Riparian Woodland and Shrubland
504	EPHEMERAL CHANNEL 5												RS	6/2/2011	43.61365390370	-117.09550981500		268.9	Columbia Basin Foothill Riparian Woodland and Shrubland
505	060211-05	5	W		ARTTRI 10, SARVER 3, TEG	BRTE 20, POSE 10	LEPE2 10, DESO2 5, CETE5 5	20	5			GRAZING	RS	6/2/2011	43.61311683910	-117.09486837100		269.0	Inter-Mountain Basins Big Sagebrush Steppe
506	060211-06	6	S		ARTTRI 25	BRTE 15, POSE 3, LECI4 1	LEPE2 10, ERCI6 3, CETE5 3	25	4			GRAZING	RS	6/2/2011	43.76895699410	-117.22257658400		255.8	Inter-Mountain Basins Big Sagebrush Steppe
507	060211-07	7	S		ARTTRI 25, SARVER 1, ATC	BRTE 15, POSE 5, SIHY 2	THAR5 5, DESO2 5, CETE5 5	20	4			GRAZING	RS	6/2/2011	43.76649040720	-117.21984059600	060211-07rs	256.1	Inter-Mountain Basins Big Sagebrush Steppe
508	PERRENIAL CHANNEL 6												RS	6/2/2011	43.76809219220	-117.21193768700		256.1	Columbia Basin Foothill Riparian Woodland and Shrubland
509				060211-08	ARTTRI 25, TEGL 2, ATCO 1	BRTE 20, POSE 5, POBU 5	CETE5 5, PHHO 1, BASA3 1	20	4			GRAZING	RS	6/2/2011	43.76056720260	-117.21642294200		256.5	Inter-Mountain Basins Big Sagebrush Steppe
510	ROCK OUTCROP												RS	6/2/2011	43.75602827350	-117.21609502600		256.7	Inter-Mountain Basins Cliff and Canyon
511	060211-09	060211-09	w										RS	6/2/2011	43.75486188390	-117.21482251800		256.8	UNKNOWN
512	060211-10	060211-10	N									GRAZING, ROAD FOLLOWS INT. STREAM	RS	6/2/2011	43.76417036240	-117.21343650300		256.3	UNKNOWN
513	EPEMERAL STREAM												RS	6/3/2011	43.78026440280	-117.22121514300		255.2	Columbia Basin Foothill Riparian Woodland and Shrubland
514	EPHEMERAL STREAM												RS	6/3/2011	43.78015414030	-117.22550418400		255.1	Columbia Basin Foothill Riparian Woodland and Shrubland
515										WHITETOP	<.10 acre		RS	6/3/2011	43.78030898730	-117.22589826600		255.1	Noxious Weeds
516	060311-01	060311-01	E			BRTE 20, AGCR 15, POBU 5	CETE5 10, DESO2 1	40	5			GRAZING	RS	6/3/2011	43.78025368660	-117.21837749900	060311-01rs	255.2	Columbia Plateau Steppe and Grassland
517	060311-02	060311-02	S		ARTTRI 1, TEGL 1	BRTE 20, AGCR 15, POSE 1	CETE5 5	40	5			GRAZING	RS	6/3/2011	43.79292724680	-117.23351316300		254.1	Columbia Plateau Steppe and Grassland
518	060311-03	060311-03	NW			BRTE 20, ATCO 20, POSE 1	PHHO .5, LEPE2 1	30	5			GRAZING	RS	6/3/2011	43.84026033410	-117.26712935000		250.4	Columbia Plateau Steppe and Grassland
519	060311-04	060311-04	WEST			BRTE 20, POSE 1, POBU 20	LEPE2 1	30	5			GRAZING	RS	6/3/2011	43.85559258940	-117.26901229700		249.6	Columbia Plateau Steppe and Grassland
520	060311-05	060311-05	S			POSE 1, POBU 15, BRTE 30	LEPE2 1	20	5			GRAZING	RS	6/3/2011	43.85172901890	-117.27519007000		249.6	Columbia Plateau Steppe and Grassland
521	060311-07	060311-07	E			BRTE 50, BLUE BUNCH 1, LECI4 1	LEPE2 1,	25	5			GRAZING	RS	6/3/2011	43.84651139510	-117.28685747900		6.8	Introduced Upland Vegetation - Annual and Perennial Grassland
522	060311-07	060311-07	E			BRTE 50, BLUE BUNCH 1, LECI4 1	LEPE2 1,	25	5			GRAZING	RS	6/3/2011	43.84213572680	-117.29165344100		6.6	Introduced Upland Vegetation - Annual and Perennial Grassland
523	EPHEMERAL STREAM 3												RS	6/3/2011	43.84200070790	-117.29380135700		6.5	Columbia Basin Foothill Riparian Woodland and Shrubland
524	060311-08	060311-08	S		ARTTRI 10, TEGL 1, SARVE	BRTE 30, ACHY 1, BLUE BUNCH 1	LEPE2 1, BASA3 1, SPHAE 1	30	4			GRAZING	RS	6/3/2011	43.84133770710	-117.30161592100	060311-08rs	6.2	Inter-Mountain Basins Big Sagebrush Steppe
525	EPHEMERAL STREAM 4												RS	6/3/2011	43.84024657830	-117.30629173000		5.9	Columbia Basin Foothill Riparian Woodland and Shrubland
526	060311-09	060311-09	N		TEGL 5, ARTTRI 1	BRTE 25, LECI4 1, _POSE 1	LEPE2 1	20	4			GRAZING	RS	6/3/2011	43.84123043060	-117.30707624000		5.9	Inter-Mountain Basins Big Sagebrush Steppe
527	060411-01	060411-01, 1a,1b	S		ARTTRI 5,	BRTE 25, POBU 10, POSE 1	LEPE2 3, CARDRA 1	20	4	CARDRA, scotch thistle	along roadside	SHRUB/PASTURE	RS	6/4/2011	43.92320216360	-117.37900818900		241.3	Pasture/Hay
528	060411-02	060411-02	S			BRTE 35, POBU 5, POSE 1	LEPE2 3, DESO2 5, PHHO 1	20	5			GRAZING GRASS	RS	6/4/2011	43.92129548540	-117.38413613200		241.3	Introduced Upland Vegetation - Annual and Perennial Grassland
529										SCOTCH THISTLE	<.10 acre		RS	6/4/2011	43.91792854240	-117.38374980500		241.5	Noxious Weeds
530										CARDRA	<.10 acre		RS	6/4/2011	43.91458684880	-117.38296931400		243.5	Noxious Weeds
531	060411-03	060411-03	S			BRTE 30, POBU 4, AGCR 1	LEPE2 15, DESO2 3	30	5			GRAZING	RS	6/4/2011	43.91078345750	-117.38075280700	060411-03rs	243.6	Introduced Upland Vegetation - Annual and Perennial Grassland
532										CARDRA	<.5 acre		RS	6/4/2011	43.90439769330	-117.37798139800		243.8	Noxious Weeds
533										SCOTCH THISTLE	<.10 acre		RS	6/4/2011	43.89338286820	-117.36794854400		244.4	Noxious Weeds
534	EPHEMERAL STREAM 060401												RS	6/4/2011	43.88754860730	-117.36308723900		244.7	Columbia Basin Foothill Riparian Woodland and Shrubland
535	060411-04	060411-04	W		SARVER 10,	BRTE 35, LECI4 1, POSE 1	LEPE2 5, DESO2 5 ,	20	4			GRAZING	RS	6/4/2011	43.88560369140	-117.36529870200		244.6	Inter-Mountain Basins Big Sagebrush Steppe
536	060411-05	060411-05	S		TEGL 25	BRTE 40, POSE 1	DESO2 1, LEPE2 2	20	4			GRAZING	RS	6/4/2011	43.87569542460	-117.36585195400		244.6	Inter-Mountain Basins Big Sagebrush Steppe
537	EPHEMERAL STREAM 060402												RS	6/4/2011	43.86599113320	-117.36779391200		2.5	Columbia Basin Foothill Riparian Woodland and Shrubland
538	060411-06	060411-06	S		TEGL 2, CHVIL4 1	BRTE 20, AGCR 1	LEPE2 10, DESO2 3,	35	5			GRAZING	RS	6/4/2011	43.86579160750	-117.36809570400		2.5	Introduced Upland Vegetation - Annual and Perennial Grassland
539	EPHEMERAL STREAM 060403												RS	6/4/2011	43.85473714260	-117.37228331200		2.6	Columbia Basin Foothill Riparian Woodland and Shrubland
540	060411-07	060411-07	S		ARTTRI 20, TEGL 5	BRTE 20, AGCR 1, SIHY 1	LEPE2 1, DESO2 1, SPHAE 1	50	4			GRAZING	RS	6/4/2011	43.85417216140	-117.37179160200	060411-07rs	2.6	Inter-Mountain Basins Big Sagebrush Steppe
541	060411-08	060411-08	S		ARTTRI 25,	BRTE 15, SIHY 1	AMLY 1, ERCI6 1	40	4			GRAZING	RS	6/4/2011	43.84459090170	-117.37112546500		2.8	Inter-Mountain Basins Big Sagebrush Steppe
542	060411-09	060411-09	E			BRTE 15, AGCR 2, POSE 1	CETE5 5, DESO2 1	30	5			GRAZING	RS	6/4/2011	43.84375824900	-117.36514035700		3.1	Introduced Upland Vegetation - Annual and Perennial Grassland
543	EPHEMERAL STREAM 060404												RS	6/4/2011	43.84442957590	-117.36033836900		3.4	Columbia Basin Foothill Riparian Woodland and Shrubland

OBJECTID	ID	PH_NUM	DIR	TREE	SHRUB	HERB	FORB	BG	HAB_QAL	NOX	SIZE	NOTES	NAME	DATE_	Lat	Long	CoverSheet	MilePost	EcoSys_Rev
544	EPHEMERAL STREAM 0604-05												RS	6/4/2011	43.84956505560	-117.34904902700		3.8	Columbia Basin Foothill Riparian Woodland and Shrubland
545	EPHEMERAL STREAM 0604-06												RS	6/4/2011	43.87727747240	-117.36981100900		244.4	Columbia Basin Foothill Riparian Woodland and Shrubland
546	060411-10	060411-10	S		TEGL 1	ERTR13 20, BRTE 20,	CHTE2 5, DESO2 5,	20	5			GRAZING	RS	6/4/2011	43.87558255780	-117.37432293700		244.2	Introduced Upland Vegetation - Annual and Perennial Grassland
547	EPHEMERAL STREAM 0604-07												RS	6/4/2011	43.87256038370	-117.37967096000		244.0	Columbia Basin Foothill Riparian Woodland and Shrubland
548	060411-11	060411-11	S		TEGL 1	BRTE 45, AGCR 1	DESO2 3, Sisymbrium alt 3	30	5			GRAZING	RS	6/4/2011	43.86685723970	-117.38995515300	060411-11rs	1.5	Introduced Upland Vegetation - Annual and Perennial Grassland
549	060411-11	060411-11	S		TEGL 1	BRTE 45, AGCR 1	DESO2 3, Sisymbrium alt 3	30	5			GRAZING	RS	6/4/2011	43.86603588750	-117.39781060400		1.2	Introduced Upland Vegetation - Annual and Perennial Grassland
550										SCOTCH THISTLE	.10 acres		RS	6/4/2011	43.86229237130	-117.40400555700		1.2	Noxious Weeds
551	060411-13	060411-13	S		TEGL 1	BRTE 50, AGCR 1	CHTE2 3, DESO2 3, Sisymbrium alt 3	20	5			GRAZING	RS	6/4/2011	43.86069745700	-117.40515923300		1.2	Introduced Upland Vegetation - Annual and Perennial Grassland
552										SCOTCH THISTLE	> acre		RS	6/4/2011	43.86028508630	-117.40706659300		1.2	Noxious Weeds
553	EPHEMERAL STREAM 060408												RS	6/4/2011	43.86028309890	-117.40706534400		1.2	Columbia Basin Foothill Riparian Woodland and Shrubland
554										SCOTCH THISTLE	3 acre		RS	6/4/2011	43.86103245930	-117.40844685800		1.1	Noxious Weeds
555										SCOTCH THISTLE	<.1 acRE		RS	6/4/2011	43.86020092200	-117.41113734800		1.0	Noxious Weeds
556											SCOTCH THISTLE	<.10 acRE	RS	6/4/2011	43.85613121130	-117.41734035000		1.0	Noxious Weeds
557	060511-01	060511-01	E		ARTTRI 25	BRTE 15, POSE 5, AGCR 3		50	4			GRAZING	RS	6/5/2011	43.89922909650	-117.43299548400		240.8	Inter-Mountain Basins Big Sagebrush Steppe
558	060511-02	060511-02	W		ARTTRI 1	BRTE 25, POSE 5, AGCR 2	PHHO 10, CETE5 5, SCOTCH THISTLE	40	4			GRAZING	RS	6/5/2011	43.89755161680	-117.43204039900		240.9	Introduced Upland Vegetation - Annual and Perennial Grassland
559	060511-03	060511-03	S			BRTE 45, POSE 1 POBU 1	PHHO 2, DESO2 2, SISYMBRIUM ALT 2	20				GRAZING	RS	6/5/2011	43.90098027290	-117.41005593700		241.4	Introduced Upland Vegetation - Annual and Perennial Grassland
560										CARDRA	<.10 acre		RS	6/5/2011	43.90161494080	-117.40609218800		241.5	Noxious Weeds
561										CARDRA	<.10 acre		RS	6/5/2011	43.90078955830	-117.40610074900		241.6	Noxious Weeds
562	EPHEMERAL STREAM 060501	EPHEMERAL STREAM 06*											RS	6/5/2011	43.89891362710	-117.40586087300		241.7	Columbia Basin Foothill Riparian Woodland and Shrubland
563	EPHEMERAL STREAM 060502	EPHEMERAL STREAM 06*											RS	6/5/2011	43.89091872960	-117.39766753500		242.9	Columbia Basin Foothill Riparian Woodland and Shrubland
564	060511-04	060511-04	W		ARTTRI 5, TEGL 1, CHVIL4	BRTE 30, POBU 3, POSE 1	DESO2 1, BASA3 1, OENOTHERA PALLIDA	30	4			GRAZING	RS	6/5/2011	43.89991272900	-117.41728473500	060511-04rs	241.3	Inter-Mountain Basins Big Sagebrush Steppe
565	060511-05	060511-05	N			BRTE 20, AGCR 3	LEPE2 2, TAOF 2	20	5	CARDRA, Convolvulus arvensis	ALONG Roadside		RS	6/5/2011	43.9731642110	-117.40693673000		237.0	Noxious Weeds
566	060511-06	060511-06	W		ARTTRI 25	BRTE 35, POSE 4, AGCR 3	LEPE2 5, DESO2 5	35	4			GRAZING	RS	6/5/2011	43.98377591920	-117.40928915700	060511-06rs	234.9	Inter-Mountain Basins Big Sagebrush Steppe
567										CARDRA	<.1 acRE		RS	6/5/2011	43.98874504480	-117.41954094000		234.5	Noxious Weeds
568										CARDRA	PRESENT ALONG ROADSIDE		RS	6/5/2011	43.98888089920	-117.42298977400		234.5	Noxious Weeds
569	060511-07	060511-07	W		ARTTRI 25	POSE 25, SIHY 1,	BASA3 5, SiSYMBRIUM ALT 2, PHHO 2	30	4	CARDRA	Small patches through		RS	6/5/2011	43.99170420510	-117.43037744400		234.2	Inter-Mountain Basins Big Sagebrush Steppe
570	060511-08	060511-08	N		ARTTRI 25	BRTE 20, BLUE BUNCH 15, POSE 5	BASA3 5, ALLISUM sp. 5, LUPINE sp. 5	30	3			GRAZING	RS	6/5/2011	43.99832542150	-117.43515873100	060511-08rs	233.7	Inter-Mountain Basins Big Sagebrush Steppe
571	060511-09	060511-09	W			POBU 20, BRTE 20	SiSYMBRIUM ALT 15,	30	5	Convolvulus arvensis	ALONG ROADSIDE	GRAZING	RS	6/5/2011	43.99043086250	-117.44255040500		234.2	Introduced Upland Vegetation - Annual and Perennial Grassland
572	EPHEMERAL STREAM 060503	EPHEMERAL STREAM 06*											RS	6/5/2011	43.98624936130	-117.44586655000		234.5	Columbia Basin Foothill Riparian Woodland and Shrubland
573	EPHEMERAL STREAM 060504	EPHEMERAL STREAM 06*											RS	6/5/2011	43.98416542110	-117.44874914100		234.6	Columbia Basin Foothill Riparian Woodland and Shrubland
574	060511-10	060511-10	E			BRTE 20, POSE 2, POBU 5	CARDRA 10, AMLY 3, SiSYMBRIUM ALT 5	25	5	CARDRA	THROUGHOUT SITE	GRAZING	RS	6/5/2011	43.98840680120	-117.46587400400		234.1	Introduced Upland Vegetation - Annual and Perennial Grassland
575	060511-12	060511-12	W		ARTTRI 25	BRTE 20, POBU 5, BLUE BUNCH 5	LEPE2 3, LUPINE SP 1, BASA3 1	30	4	CARDRA	THROUGHOUT SITR	GRAZING	RS	6/5/2011	43.98617995050	-117.47735298800		234.2	Inter-Mountain Basins Big Sagebrush Steppe
576	060611-01	1	N	RUSSIAN OLIVE	ARTTRI 1	BRTE 30, POBU 10	CARDRA 10, SISYMBRIUM ALT 2	20	5	CARDRA	THROUGHOUT SITE		RS	6/7/2011	43.95892284320	-117.44731012600		236.9	Columbia Basin Foothill Riparian Woodland and Shrubland
577	060611-02	2	N		ARTTRI 25, CHIVL4 2	BRTE 30, POBU 5	SPHAE 1	40	4				RS	6/7/2011	43.96422405010	-117.46626016200		235.9	Inter-Mountain Basins Big Sagebrush Steppe
578	060611-03	3	W		ARTTRI 25, ATCO 1, CHIVL4 1	BRTE 35, POBU 5, POSE 1	LEPE2 5, CARDRA 3	30	4	CARDRA	ALONG ROADSIDE	GRAZING	RS	6/7/2011	43.96210022390	-117.47025885900	060611-03rs	235.9	Inter-Mountain Basins Big Sagebrush Steppe
579	060711-01	060711-01	W			BRTE 40, POBU 5, AGCR 1, BROHOR 10	AMLY 1, CHIVL4 1, ERCI6 5	20	5			ROAD IS ANNUAL GRASS SURROUNDED BY PERENIAL GRASS	RS	6/7/2011	45.53240638790	-118.94952616300		63.9	Introduced Upland Vegetation - Annual and Perennial Grassland
580	060711-02	060711-02	S			AGRSPIC 20, BRTE 20, POSE 5	ACHMIL 1,	15	3				RS	6/7/2011	45.53428005520	-118.94946948900		63.5	Columbia Plateau Steppe and Grassland
581	EPHEMERAL 0607-01	EPHEMERAL 0607-01											RS	6/7/2011	45.53383077230	-118.94732936700		64.0	Columbia Basin Foothill Riparian Woodland and Shrubland
582	060711-03	060711-03	E			WHEAT CROPLAND							RS	6/7/2011	45.53062344260	-118.88113513200		67.2	Cultivated Crops and Irrigated Agriculture
583	060711-04	060711-04	S										RS	6/7/2011	45.52988767320	-118.87820063100		67.2	UNKNOWN
584	060511-11	060511-11	W		ARTTRI 25	BRTE 20, POBU 5, POSE 2	LUPINE sp. 3, PHHO 2, CARDRA 4	25	4	CARDRA	ALONG ROADSIDE	GRAZING	RS	6/5/2011	43.99056642690	-117.47987281900		233.9	Inter-Mountain Basins Big Sagebrush Steppe
585	EPHEMERAL STREAM 060505	EPHEMERAL STREAM 06*											RS	6/5/2011	43.99264141930	-117.48342214400		233.7	Columbia Basin Foothill Riparian Woodland and Shrubland
586	060811-01	060811-01	W			BRTE 60	ERCI6 10		5			GRAZING	RS	6/8/2011	45.67644650370	-119.21473964400		47.1	Introduced Upland Vegetation - Annual and Perennial Grassland
587	060811-02	060811-02	E			BRTE 60, POBU 10	ERCI6 10	15	5			GRAZING	RS	6/8/2011	45.67478204570	-119.21215998900		47.1	Introduced Upland Vegetation - Annual and Perennial Grassland
588	060811-03	060811-03	N		CHIVL4 5, ARTTRI 1	BRTE 25, HOR sp. 5,	ERCI6 5,	25	4			GRAZING	RS	6/8/2011	45.65731408310	-119.20394427600		48.5	Inter-Mountain Basins Big Sagebrush Steppe
589	EPHEMERAL 0608-01	EPHEMERAL 0608-01											RS	6/8/2011	45.63540904970	-119.19311331000		50.1	Columbia Basin Foothill Riparian Woodland and Shrubland
590	060811-04	060811-04	W		ARTTRI 20, CHIVL4 1	BRTE 25, STIHYS 2, POBU 2	LUPINE sp. 1, ACHMIL 1	20	4			GRAZING	RS	6/8/2011	45.63476467540	-119.19342072300		50.1	Inter-Mountain Basins Big Sagebrush Steppe
591	060811-05	060811-05	W						5				RS	6/8/2011	45.58129444370	-119.18494327300		53.9	Cultivated Crops and Irrigated Agriculture
592	060811-06	060811-06	W						5				RS	6/8/2011	45.57809538000	-119.18501791300		54.1	Cultivated Crops and Irrigated Agriculture
593	060811-07	060811-07	N		CHIVL4 2	BRTE 25, VULMYU 15, AGRSPIC 10	ACHMIL 3, ASTRAG sp. 3,	10	4			GRAZING	RS	6/8/2011	45.58646625920	-119.17946225300		53.6	Introduced Upland Vegetation - Annual and Perennial Grassland
594	INTERMITTENT 0608-02												RS	6/8/2011	45.53019476070	-119.11335518900		55.6	Columbia Basin Foothill Riparian Woodland and Shrubland
595	INTERMITTENT 0608-03												RS	6/8/2011	45.53444462590	-119.12322919600		55.2	Columbia Basin Foothill Riparian Woodland and Shrubland
596	EPHEMERAL 0608-04												RS	6/8/2011	45.53495928020	-119.12403511700		55.2	Columbia Basin Foothill Riparian Woodland and Shrubland
597	060811-08	060811-08	NW			BRTE 20, AGCR 2, LECI4 10	SISYMBRIUM ALT 3	20	4			GRAZING	RS	6/8/2011	45.53612427360	-119.12530318700		55.1	Columbia Plateau Steppe and Grassland
598	621-1	621-1	s			FOXTAIL BARLEY50 BRTE5	MUSTARD2	20	5	KOCHIA	THROUGHOUT		HH	6/21/2011	45.52963495370	-118.79980504200	621-1xx	71.4	Pasture/Hay
599	621-2	621-2	SW			WHEAT 95 BRTE1		3	5				HH	6/21/2011	45.52623160430	-118.80290333900		71.4	Cultivated Crops and Irrigated Agriculture
600	621-3	621-3	SE			FOXTAIL75 BRTE10	MUSTARD2 ANNUAL WEEDS10		5	KOCHIA	SOME THROUGHOUT		HH	6/23/2011	45.52232872200	-118.79582760800		71.7	Pasture/Hay
601	621-4	621-4	N			BRTE10 BLUEBUNCH WHEATGRASS10 PERENNIAL BLUEGRASS10	ALFALFA40 MUSTARD4 BEDSTRAW1		5	COAR	MORE THAN 1 ACRE	COAR THROUGHOUT LAYDOWN AREA AND ACCESS ROAD	HH	6/21/2011	45.48633660980	-118.78156508700		73.9	Cultivated Crops and Irrigated Agriculture
602	621-5	621-5	E			BRTE40 JAP BROME4 ANNUALGRASS1	TALL CLOVER4 FIDDLENECK1 MUSTARD5		5	COAR TACA AECY	.1-1 ACRE (.1 AECY)		HH	6/21/2011	45.48973599240	-118.77275658300		74.3	Introduced Upland Vegetation - Annual and Perennial Grassland
603	621-6	621-6	N			WHEAT60 BRTE20 FOXTAIL20			5			COAR GROWING OUTSIDE OF AG FIELD	HH	6/21/2011	45.48990085070	-118.77420412200		74.3	Cultivated Crops and Irrigated Agriculture
604	621-7	621-7	S			BRTE20 POVERTYBROME20 GRASS5	MUSTARD4 FIDDLENECK2 PARSELY6		5	TACA AECY	>.1 ACRE		HH	6/21/2011	45.50026550670	-118.75838880300		75.0	Introduced Upland Vegetation - Annual and Perennial Grassland

OBJECTID	ID	PH_NUM	DIR	TREE	SHRUB	HERB	FORB	BG	HAB_QAL	NOX	SIZE	NOTES	NAME	DATE_	Lat	Long	CoverSheet	MilePost	EcoSys_Rev
605	621-8								5	COAR TACA	> .1 ACRES		HH	6/21/2011	45.49768520980	-118.75766692100		75.1	Introduced Upland Vegetation - Annual and Perennial Grassland
606	621-9									COAR	> .1 ACRES		HH	6/21/2011	45.49791909780	-118.75766018400		75.1	Introduced Upland Vegetation - Annual and Perennial Grassland
607	621-10	621-10	E	COTTONWOOD1 PIPO1	HAWTHORNE2 CHOKECHERRY4 OCEANSPRAY1	ORCHARDGRASS1 SMHEADBROME1 JAPBROME1	FIDDLENECK1 CINQUEFOIL1 LUPINE1	2	3				HH	6/21/2011	45.49611881550	-118.61260966200		82.5	Northern Rocky Mountain Ponderosa Pine Woodland and Savanna
608	621-11	621-11	W	PIPO		6WK FESCUE5 BUNCHGRASS1 LOOSE BROME3	SHORTCLOVER30 CINQUEFOIL1 ANNUAL FORB1		5	TACA COAR	> .1 ACRES		HH	6/21/2011	45.49582777990	-118.61114533800		82.5	Pasture/Hay
609	621-12	621-12	E	PIPO1		6WK FESCUE2 LOOSE BROME5 SEDGE40	LUPINE2 YARROW1 SULFUR LUPINE1		5				HH	6/21/2011	45.49333592250	-118.60187490500		83.4	Columbia Plateau Steppe and Grassland
610	621-13	621-13	S							TACA50	.1-1 ACRES	EPHEMERAL SEEP 200 FT LONG ALONG OLD ROAD	HH	6/21/2011	45.49145821990	-118.60037439200		83.3	Columbia Basin Foothill Riparian Woodland and Shrubland
611	621-14											EPHEMERAL STREAM ACROSS PROPOSED ACCESS ROAD	HH	6/21/2011	45.48919523090	-118.59925115100		83.3	Columbia Basin Foothill Riparian Woodland and Shrubland
612	621-15												HH	6/21/2011	45.48916306040	-118.59927051900		83.3	Columbia Plateau Steppe and Grassland
613	621-15	621-15	W	PIPO1	HAWTHORNE2 SNOWBERRY1 ROSE1	FOXTAIL1 LOOSEBROME2 JAPBROME5			5	CYOF TACA	> .1 ACRES		HH	6/21/2011	45.48909118730	-118.59935275100		83.3	Northern Rocky Mountain Ponderosa Pine Woodland and Savanna
614	621-16	621-16,17,18,`9	S			6WKFESCUE10 JAPBROME1 LOOSEBROME10	FIDDLENECK5 SULFUR LUPINE1 MUSTARD1		5	TACA CYOF	<1 ACRES TACA .1 ACRES CYOF		HH	6/21/2011	45.48830049010	-118.60113911100		83.2	Columbia Plateau Steppe and Grassland
615	622-1	622-1	E	PIPO5	HAWTHORNE10 CHOKECHERRY2	POPR10 JAPBROME10	LUPINE1 WEEDY CLOVER15 CINQUEFOIL2		3	TACA CYOF	TACA THROUGHOUT CYOF >.1 ACE		HH	6/22/2011	45.48498195410	-118.60913268600	622-1xx	82.6	Northern Rocky Mountain Ponderosa Pine Woodland and Savanna
616	622-2	622-2	E			POVERTY BROME20 POPR1 JAPBROME10	WEEDY CLOVER10 AM BISWORT5			TACA40	THROUGHOUT		HH	6/22/2011	45.48464828320	-118.60726694500		82.7	Introduced Upland Vegetation - Annual and Perennial Grassland
617	622-3	622-3	E			BRTE20 POBU2 POSE1	BUCKWHEAT1 LOMATIUM2	2	5			LICHEN SPECIES20	HH	6/22/2011	45.48807930350	-118.59554666400		83.4	Inter-Mountain Basins Cliff and Canyon
618	622-4												HH	6/22/2011	45.48883566270	-118.59389483900		83.5	Inter-Mountain Basins Cliff and Canyon
619	622-5												HH	6/22/2011	45.48930249310	-118.59091205800		83.6	Inter-Mountain Basins Cliff and Canyon
620	622-6	622-6	E			6WKFESCUE20 POBU1 POSE1	BALSAMROOT5 SULFURLUPINE3 YARROW2		5				HH	6/22/2011	45.48748332660	-118.58134020900	622-6xx	84.1	Columbia Plateau Steppe and Grassland
621	622-7	622-7	E		HAWTHORNE1 ROSE1	POBU POA SPECIES SM POA	CINQUEFOIL4 YARROW4 CURLYCUP GUMWEED2	2	3				HH	6/22/2011	45.48612243650	-118.57551423900		84.4	Columbia Plateau Steppe and Grassland
622	622-8	622-8	E			6WK FESCUE10 POVERTY BROME10 POBU2	DOGBANE5 SULFUR LUPINE1 CURLYCUP GUMWEED1	1	5	TACA	SPARCE THROUGHOUT	SOME BRTE	HH	6/22/2011	45.48512411860	-118.56953343600		84.7	Introduced Upland Vegetation - Annual and Perennial Grassland
623	622-9	622-9	W		HAWTHORNE15 ROSE5 SNOWBERRY5	POA SPECIES	STINGING NETTLE1 GERANIUM1 FERN1		3			MOSS1	HH	6/22/2011	45.48518839900	-118.56533187700		84.9	Columbia Basin Foothill Riparian Woodland and Shrubland
624	622-10	622-10	W		SNOWBERRY10 OCEANSPRAY2 HAWTHORNE2	POPR1 WHEATGRASS1 FEID1	YARROW1 ANNUAL FORB1 SULFUR LUPINE2	2	3				HH	6/22/2011	45.48504769260	-118.56468853400		84.9	Northern Rocky Mountain Montane-Foothill Deciduous Shrubland
625	622-11	622-11	W			POBU5 POSE5 SM POA2	CINQUEFOIL3 YARROW3 CURLYCUP GUMWEED1		5				HH	6/22/2011	45.48480340060	-118.56107482900		85.1	Columbia Plateau Steppe and Grassland
626	622-12	622-12	NE	PIPO20	ROSE1 SNOWBERRY1	6WK FESCUE2 POBU2	YARROW3 PERRENIAL FORBS3	4	3	CYOF	>.1 ACRES		HH	6/22/2011	45.48561731560	-118.55466685800	622-12xx	85.5	Northern Rocky Mountain Ponderosa Pine Woodland and Savanna
627	623-1	623-1	E			POVERTY BROME30 POBU10 BLUEBUNCH WHEATGRASS2	CARROT SPECIES1	1 RK2	5	TACA	SOME THROUGHOUT		HH	6/23/2011	45.48387846400	-118.69589643400	623-1xx	78.2	Columbia Plateau Steppe and Grassland
628	623-2	623-2	W		HAWTHORN1 SNOWBERRY2 NOOKIA ROSE2	POPR15	LUPINE3 YARROW1 ST JOHNS WORT2		3				HH	6/23/2011	45.48085902410	-118.68056807900		79.0	Northern Rocky Mountain Montane-Foothill Deciduous Shrubland
629	623-3	623-3	E										HH	6/23/2011	45.48002820930	-118.66972281800		79.5	Columbia Plateau Steppe and Grassland
630	623-4	623-4	E			ID FESCUE10 6WK FESCUE2	LUPINE2 YARROW2 BALSAMROOT2?	1 RK4	3				HH	6/23/2011	45.47998051090	-118.66973645700		79.5	Columbia Plateau Steppe and Grassland
631	623-5	623-5	N			POVERTY BROME10 RATTLESNAKE BROME2 BRTE5	LUPINE1 BALSAMROOT?5 PARSELY SPECIES1	1 RK3		TACA2	SOME THROUGHOUT		HH	6/23/2011	45.47888887780	-118.66822617300		79.6	Introduced Upland Vegetation - Annual and Perennial Grassland
632	623-7	623-7	E		NINEBARK30 OCEANSPRAY5 SNOWBERRY 1	POVERTY BROME1	BALSAMROOT?2 PARSELY?2 SULFUR LUPINE2	1 RK1	3				HH	6/23/2011	45.47869779970	-118.66798118400	623-7xx	79.6	Inter-Mountain Basins Big Sagebrush Shrubland
633	623-8		W									INTERMITTENT CREEK 100 FT WEST OF POINT IN GULLY	HH	6/23/2011	45.47824051110	-118.66552459400		79.7	North American Arid West Emergent Marsh
634	623-9	623-9	E			BRTE5 FEID15 POBU3	BALSAMROOT?3 SULFUR LUPINE2 BUFFALO LOCOWEED1	1 RK5	5				HH	6/23/2011	45.47830799950	-118.66516272600		79.7	Columbia Plateau Steppe and Grassland
635	623-10									TACA	>.1 ACRES		HH	6/23/2011	45.47970533850	-118.66091597600		80.0	Noxious Weeds
636	623-11									TACA	<1 ACRES SOME THROUGHOUT		HH	6/23/2011	45.48304010330	-118.65544124300		80.3	Noxious Weeds
637	623-12	623-12	SW	PIPO	HAWTHORN3 SERVICEBERRY5 NINEBARK6	POPR3 POVERTY BROME1 BRTE3	ST JOHNS WORT2 LUPINE1	1 LT3 RK2	3				HH	6/23/2011	45.48567678900	-118.64644060200		80.8	Northern Rocky Mountain Ponderosa Pine Woodland and Savanna
638	623-13	623-13	NE									WETLAND PERRENIAL CREEK	HH	6/23/2011	45.48609809450	-118.64585554900		80.8	North American Arid West Emergent Marsh
639	623-14									CYOF	A FEW PLANTS BY CREEK		HH	6/23/2011	45.48607552000	-118.64578116900		80.8	Noxious Weeds
640	623-15	623-15	NE			POVERTY BROME3 JAPBROME1	CLOVER SPECIES1 SULFUR LUPINE1 ST JOHNS WORT1	2 RK5	5	TACA	THROUGHOUT		HH	6/23/2011	45.48715621330	-118.64171348800		81.0	Introduced Upland Vegetation - Annual and Perennial Grassland
641	623-16									COAR	>.1 ACRES		HH	6/23/2011	45.48729695320	-118.63964480500	623-16xx	81.1	Northern Rocky Mountain Ponderosa Pine Woodland and Savanna
642	623-17	623-17	NE	PIPO5	OCEANSPRAY5 NINEBARK15 HAWTHORN10	POPR1 POVERTY BROME1	LUPINE1 CINQUEFOIL5 ST JOHNS WORT2	LT4	5			HEAVILY GRAZED	HH	6/24/2011	45.48473512400	-118.61228670500		82.5	Northern Rocky Mountain Ponderosa Pine Woodland and Savanna
643	623-18											EPHEMERIAL STREAMBED	HH	6/24/2011	45.48470217040	-118.61228563100		82.5	Columbia Basin Foothill Riparian Woodland and Shrubland
644	623-19									CYOF	A FEW PLANTS		HH	6/24/2011	45.48492069020	-118.61091179800		82.6	Noxious Weeds
645	623-20									CYOF	A FEW PLANTS NORTH OF RIVER	PERENNIAL RIVER	HH	6/24/2011	45.48473537720	-118.61025416800		82.6	North American Arid West Emergent Marsh
646	624-1	624-1	E			POVERTY BROME30 BLUEBUNCH WHEATGRASS2 POPR3	YARROW1 ALFALFA2 WEEDY PARSELY2	1 LT2	5				HH	6/24/2011	45.49273779790	-118.74946499600	624-1xx	75.5	Columbia Plateau Steppe and Grassland
647	624-2									WHITETOP	>.1 ACRES		HH	6/24/2011	45.49272007500	-118.74864160300		75.5	Noxious Weeds
648	624-3									COAR	>.1 ACRES		HH	6/24/2011	45.49222906310	-118.74551545800		75.7	Noxious Weeds
649	624-5									TACA	>.1 ACRES		HH	6/24/2011	45.49225463960	-118.74485993500		75.7	Noxious Weeds
650	624-6									TACA	>.1 ACRES		HH	6/24/2011	45.49276945190	-118.74314404700		75.8	Noxious Weeds
651	624-7									COAR TACA	>.1 ACRES		HH	6/24/2011	45.49268161370	-118.74094459300		75.9	Noxious Weeds
652	624-8									TACA	<10 ACRE	STARTING HERE THROUGHOUT COMMUNITY 624-1	HH	6/24/2011	45.49211035220	-118.73764415500		76.1	Noxious Weeds
653	624-9									COAR	>.1 ACRES		HH	6/24/2011	45.49204548520	-118.73622662400		76.1	Noxious Weeds
654	624-10									COAR	>.1 ACRES		HH	6/24/2011	45.49243221310	-118.73391762600		76.2	Noxious Weeds
655	624-11									COAR	>.1 ACRES		HH	6/24/2011	45.49239675560	-118.73111507300		76.4	Noxious Weeds
656	624-12									COAR	>.1 ACRES		HH	6/24/2011	45.49205904030	-118.72486080800		76.7	Noxious Weeds
657	624-13									COAR	.1 - 1 ACRES		HH	6/24/2011	45.49032389430	-118.71574816600		77.1	Noxious Weeds
658	624-14	624-14	E									EPHEMERIAL CREEK	HH	6/24/2011	45.48853065500	-118.71158158700		77.4	Columbia Basin Foothill Riparian Woodland and Shrubland
659	624-15									COAR	>.1 ACRES		HH	6/24/2011	45.48843366520	-118.71013929400		77.4	Noxious Weeds
660	625-1	625-1	E	PIPO15	SNOWBERRY15 ROSE5	POBU5 6WK FESCUE10 POSE5	YARROW5 CINQUEFOIL5 LUPINE5	1 LT5	3	CYOF	>.1 ACRES		HH	6/25/2011	45.49093654600	-118.54505728600	625-1xx	86.1	Northern Rocky Mountain Ponderosa Pine Woodland and Savanna
661	625-2									CYOF	a few		BG	6/25/2011	45.49090652580	-118.53208667600		86.7	Noxious Weeds
662	625-3	625-3	S									perennial	BG	6/25/2011	45.49072545430	-118.52891425900		86.9	North American Arid West Emergent Marsh
663	625-4	625-4	E	PIPO 5	snowberry 5	POPR10 POBU5 sixweeks fescue5	brodiae5 lupine10 buckwheat10 cinquefoil20	LT5 RK5	3	TACA5			BG	6/25/2011	45.49064704070	-118.52564523100		87.0	Columbia Plateau Steppe and Grassland
664	625-5	625-5	E	PIPO15 PSME5 ABGR5	SERVICEBERRY5 ROSA SP15 SNOWBERRY20	POPR6 POBU5	YARROW5 SENECIO5 golden pea5	5 LT5	3				BG	6/25/2011	45.49024978100	-118.51932791500		87.3	Northern Rocky Mountain Dry-Mesic Montane Mixed Conifer Forest
665	625-6									CYOF	less than 0.1 acre		BG	6/25/2011	45.49086080010	-118.51866907400		87.3	Noxious Weeds
666	625-7									CYOF	A few		BG	6/25/2011	45.49030895100	-118.51228042500		87.7	Noxious Weeds
667	625-8									CYOF	LESS THAN 0.1 ACRE"		BG	6/25/2011	45.49009916040	-118.50898560000		87.8	Noxious Weeds
668	625-9	625-9	S							CYOF	0.1 TO 1 ACRE	GOES UP TO THE ROAD	BG	6/25/2011	45.48945554280	-118.50727443000		87.9	North American Arid West Emergent Marsh
669	625-10	625-10	SE									INTERMITTENT	BG	6/25/2011	45.48939734320	-118.50268514100		88.1	North American Arid West Emergent Marsh
670	625-11A									CYOF	0.1 to 1 ACRE		BG	6/25/2011	45.48900988640	-118.50029585100		88.3	Noxious Weeds

OBJECTID	ID	PH_NUM	DIR	TREE	SHRUB	HERB	FORB	BG	HAB_QAL	NOX	SIZE	NOTES	NAME	DATE_	Lat	Long	CoverSheet	MilePost	EcoSys_Rev
671	625-11	625-11	S									INTERMITTENT	BG	6/25/2011	45.48763996620	-118.49377228800		88.6	North American Arid West Emergent Marsh
672	625-12	625-12	N									INTERMITTENT	BG	6/25/2011	45.48739918150	-118.49284504800		88.6	North American Arid West Emergent Marsh
673	625-13									CYOF	LESS THAN 0.1 ACRE		BG	6/25/2011	45.48664803400	-118.48960912900		88.8	Noxious Weeds
674	625-14	625-14	W							CYOF	A FEW	EPHEMERIAL	BG	6/25/2011	45.48638966010	-118.48679339800		88.9	Columbia Basin Foothill Riparian Woodland and Shrubland
675	625-15									CYOF	0.1 TO 1 ACRE		BG	6/25/2011	45.48632984700	-118.48554654300		89.0	Noxious Weeds
676	625-16	625-16	N							CYOF	A FEW"	INTERMITTENT	BG	6/25/2011	45.48598236140	-118.48199503100		89.2	North American Arid West Emergent Marsh
677	625-17	625-17	S	PIPO10		POBU5 POSE5 JUNCUS5	YARROW 5 LARKSPUR 5 CURLYCUP GUMWEED5	5 LT5 MOSS 5	3				BG	6/25/2011	45.48413384490	-118.47332399000	625-17xx	89.6	Northern Rocky Mountain Ponderosa Pine Woodland and Savanna
678	625-18	625-18	E	PIPO5 PSME10	VACCINIUM SP5	GRASS UNKN5 BROME SP5	LUPINE 5 YARROW 5 SENECIO 5		3				BG	6/25/2011	45.48127730880	-118.46895309800		89.9	Northern Rocky Mountain Dry-Mesic Montane Mixed Conifer Forest
679	625-19									CYOF	A FEW		BG	6/25/2011	45.48137723930	-118.46796224700		89.9	Noxious Weeds
680	625-20	625-20	SW									PERENNIAL	BG	6/25/2011	45.48119113840	-118.46709987900		90.0	North American Arid West Emergent Marsh
681	625-21									CYOF	0.1 TO 1 ACRE	east of road in logged area	BG	6/25/2011	45.48086860720	-118.46695848200		90.0	Noxious Weeds
682	625-22	625-22	N									EPHEMERIAL	BG	6/25/2011	45.47817374730	-118.46207513700		90.3	Columbia Basin Foothill Riparian Woodland and Shrubland
683	625-23									CYOF	0.1 acre		BG	6/25/2011	45.47414392950	-118.45148017400		90.9	Noxious Weeds
684	625-24									CYOF	0.1 ACRE		BG	6/25/2011	45.47286794740	-118.44856449600		91.0	Noxious Weeds
685	625-25	625-25	E									PERENNIAL	BG	6/25/2011	45.47189889040	-118.44623788000		91.2	North American Arid West Emergent Marsh
686													HH	6/26/2011	45.47020699190	-118.44312723700		91.4	UNKNOWN
687	626-1	626-1	NW	PIPO20 PSME20 W LARCH5	OCEANSPRAY10 SERVICEBERRY2 SNOWBERRY10	PINEGRASS?25 POBU5 WHEATGRASS5	STICKY CINQEFOIL5 ARNICA5 YARROW5	1 LT5	3	CYOF	A FEW PLANTS		HH	6/26/2011	45.41084479750	-118.35465258700	626-1xx	98.0	Northern Rocky Mountain Dry-Mesic Montane Mixed Conifer Forest
688	626-2	626-2	NW							CYOF	LESS THAN 0.1 ACRE"	INTERMITTENT _ PERENNIAL	BG	6/26/2011	45.41528393110	-118.35952305500		97.6	North American Arid West Emergent Marsh
689	626-3	626-3	NW	larch 40 pipo 5 psme 5	SNOWBERRY 5 HUCKLEBERRY 5 ARUV 5	PINEGRASS 5	GOLDENPEA 5 STRAWBERRY 5	MOSS 5 LITTER 30 BR 10	5	CYOF	A FEW		BG	6/26/2011	45.41564424970	-118.36487174600		97.3	Northern Rocky Mountain Dry-Mesic Montane Mixed Conifer Forest
690	626-4	626-4	NW	pipo 20 psme 5 LARCH 5	SNOWBERRYn5 HODI 5 AMAL 5	PINEGRASS 25	LUPINE 5 ARNICA 5 YARROW 5	LITTER 20	3				BG	6/26/2011	45.41781324790	-118.36712601800		97.1	Northern Rocky Mountain Dry-Mesic Montane Mixed Conifer Forest
691	626-5									CYOF	A FEW		BG	6/26/2011	45.42126054250	-118.36972270000		96.9	Noxious Weeds
692	626-6	626-6	NW	LARCH 40 PIPO 10	ROSA SP 5 ARUV 5	PINEGRASS 20	GOLDENPEA 5 ST JOHNSNWORT 5 YARROW 5	5 LITTER 5	5				BG	6/26/2011	45.42640542670	-118.37563554800	626-6xx	96.4	Northern Rocky Mountain Dry-Mesic Montane Mixed Conifer Forest
693	626-7	626-7	N									INTERMITTENT STONEFLY P	BG	6/26/2011	45.42676564210	-118.37651971500		96.3	North American Arid West Emergent Marsh
694	626-8	626-8		PIPO 10 PSME 5 LARCH 5	HODI 5 ARUV 5 SYAL 5	PINEGRASS 5 POBU 5	ST JOHNS WORT 5 MULEEARS 5 YARROW 5	LITTER 10 BG 5 ROCK 5	3				BG	6/26/2011	45.42836735520	-118.37907323500		96.2	Northern Rocky Mountain Dry-Mesic Montane Mixed Conifer Forest
695	626-9	626-9	N									PERENNIAL	BG	6/26/2011	45.42938290510	-118.38636897800		95.8	North American Arid West Emergent Marsh
696	626-10	626-10	E	LARCH 5 PSME 5	SYAL 5 HODI 5	WHEATGRASS 5	GOLDENPEA 5 YARROW 5 STINGING NETTLE 5	BR 10 LITTER 5	5				BG	6/26/2011	45.42952260170	-118.39072086300		95.6	Northern Rocky Mountain Dry-Mesic Montane Mixed Conifer Forest
697	626-11									CYOF	FEW		BG	6/26/2011	45.42954361180	-118.39472149600		95.4	Noxious Weeds
698	626-12	626-12	N									WETLAND_BOG	BG	6/26/2011	45.43304975590	-118.41068644100		94.6	North American Arid West Emergent Marsh
699	626-13									CYOF	A FEW		BG	6/26/2011	45.43910785310	-118.42181624900		93.8	Noxious Weeds
700	626-14	626-14	NW									INTERMITTENT	BG	6/26/2011	45.43989237410	-118.42322404500		93.8	North American Arid West Emergent Marsh
701	626-15	626-15	W							CYOF	A FEW	INTERMITTENT	BG	6/26/2011	45.44066915030	-118.42385906100		93.7	North American Arid West Emergent Marsh
702	626-16	626-16	S									INTERMITTENT	BG	6/26/2011	45.44300746730	-118.42655388600		93.5	North American Arid West Emergent Marsh
703	626-17	626-17	DOWN									SLOPE BOG	BG	6/26/2011	45.44503398950	-118.42787353100		93.3	North American Arid West Emergent Marsh
704	626-18									CYOF	LESS THAN 1 ACRE		BG	6/26/2011	45.44786662980	-118.42882997500		93.1	Noxious Weeds
705	626-19									CYOF	LESS THAN 0.1 ACRE		BG	6/27/2011	45.45679370000	-118.43177313200		92.5	Noxious Weeds
706	627-1	627-1	SE	PIPO 30 PSME20 ABGR5	SNOWBERRY5 ROSE5 OCEANSPRAY5	ELK SEDGE 30	ARNICA 5 STRAWBERRY5 LUPINE 5	2 LT5	3				HH	6/27/2011	45.40888606760	-118.35159887900	627-1xx	98.2	Northern Rocky Mountain Dry-Mesic Montane Mixed Conifer Forest
707	627-2	627-2	SW									EPHEMERIAL	BG	6/27/2011	45.40103959040	-118.34402270900		98.8	Columbia Basin Foothill Riparian Woodland and Shrubland
708	627-3									HOUNDSTONGUE		75 FEET EAST ON AN OLD LOGGING ROAD	BG	6/27/2011	45.39435650910	-118.33857337500		99.4	Noxious Weeds
709	627-4	627-4	W	PIPO 5	SCAB SAGEBRUSH 10	SIXWEEKS FESCUE 15 PSSP 5 POBU 10	BRODIAE 5 ONION 5 UNKN FORBB10 YARROW 5	10 LITTER TTER 5	3				BG	6/27/2011	45.38230103170	-118.32955315400	627-4xx	100.3	Inter-Mountain Basins Big Sagebrush Steppe
710	627-5A	627-5A	S									NO FLOWING WATER EPHEMERIAL	BG	6/27/2011	45.38127336530	-118.33029381300		100.3	North American Arid West Emergent Marsh
711	627-5B	627-5B	SE	PIPO 10 PSMEb10 ABGR	NINEBARK 5 ROSA SP 5 VACCINIUM 5	ELK SEDGE 10	ARNICA 5 STRAWBERRY 5 LUPINE 5	10	3				BG	6/27/2011	45.37968126980	-118.32632051500		100.5	Northern Rocky Mountain Dry-Mesic Montane Mixed Conifer Forest
712	627-6	627-6	SE	PIPO 5	SCAB SAGEBRUSH 10	POBU 5 SIXWEEKS FESCUE 15 POSE 5	YARROW 5 BRODIAE 5 STONECROP 5	10 LITTER 5 ROCK 5	3				BG	6/27/2011	45.37765139220	-118.32089403200		100.8	Inter-Mountain Basins Big Sagebrush Steppe
713	627-7	627-7	SE	PIPO PSME	SNOWBERRY 5	ELK SEDGE 15 BRIN 5 FEID 5	ARNICA 10 YARROW 5 CINQUEFOIL 5	5 LITTER 5	3				BG	6/27/2011	45.37614823450	-118.31707402000		101.1	Northern Rocky Mountain Dry-Mesic Montane Mixed Conifer Forest
714	627-8	627-8	S										BG	6/27/2011	45.37498616670	-118.31353002900		101.2	North American Arid West Emergent Marsh
715	627-9									HOUNDSTONGUE	LESS THAN 0.1 ACRE		BG	6/27/2011	45.37384398690	-118.31347894400		101.3	Noxious Weeds
716	627-10	627-10	SE	PIPO 5		KOMA 5 SIXWEEKS FESCUE 10 POSE 5 POBU 5	BUCKWHEAT 10 YARROW 5 LUPINE 5	5 LITTER 5 ROCK 5	3				BG	6/27/2011	45.37281310970	-118.31171216900		101.4	Northern Rocky Mountain Ponderosa Pine Woodland and Savanna
717	627-11	627-11	SE	PIPO 20 LODGEPOLE 10	SNOWBERRY 10 ROSA SP 5 ARUV 5	ELK SEDGE 40 BOIN 5 FEID 5	FOAM FLOWER 5 SPIREA 5 STRAWBERRY 5 ARNICA 5	5 LITTER 15	3				BG	6/27/2011	45.37137512190	-118.30867898000	627-11xx	101.6	Northern Rocky Mountain Dry-Mesic Montane Mixed Conifer Forest
718	627-12	627-12		PIPO 5	SNOWBERRY 5	FEID 5 PSSP 10 KOMA 5 SIXWEEKS FESCUE 15	YARROW 5 BUCKWHEAT 5	15 ROCK 10	3				BG	6/27/2011	45.36553848170	-118.29546397700		102.3	Northern Rocky Mountain Ponderosa Pine Woodland and Savanna
719	627-13	627-13	SE	PIPO 20 PSME 5 LARCH 5	SNOWBERRY 5 ARUV 5	ELK SEDGE 20 POPR 5 FEID 10	GOLDENPEA 15 BUCKWHEAT 5 YARROW 5	LITTER 10	3				BG	6/27/2011	45.36263073560	-118.28861518000		102.7	Northern Rocky Mountain Dry-Mesic Montane Mixed Conifer Forest
720	627-14	627-14	S									STANDING WATER	BG	6/27/2011	45.36055448820	-118.28438995600		103.0	North American Arid West Emergent Marsh
721	628-1	628-1	W									PERENNIAL RIVER	HH	6/28/2011	45.32545453180	-118.24295367200		106.3	North American Arid West Emergent Marsh
722	628-2	628-2	E	PIPO20 PSME25	NINEBARK30 SNOWBERRY10	ELK SEDGE15 FEID10	STRAWBERRY5 ARNICA5 SMALL FERN5	2 RK10 LT10	3				HH	6/28/2011	45.32530010110	-118.24246996200	628-2xx	106.3	Northern Rocky Mountain Dry-Mesic Montane Mixed Conifer Forest
723	628-3	628-3	NW	PIPO1		6WK FESCUUE15 WHEATGRASS5 BLUEBUNCH WHEATGRASS20	BUCKWHEAT5 LOMATIUM5 ANNUAL FORBS10	10 LT5	3				HH	6/28/2011	45.32434373340	-118.24060839800		106.4	Northern Rocky Mountain Ponderosa Pine Woodland and Savanna
724	628-4A	628-4A	E	PIPO30	SNOWBERRY20 SPIREA5	ELK SEDGE20 FEID5 POPR15	ARNICA5 LUPINE5	LT10	3				HH	6/28/2011	45.32330132290	-118.23873083400		106.5	Northern Rocky Mountain Ponderosa Pine Woodland and Savanna
725	628-4B	628-4B	E			BRTE20 POVERTY BROME30 6WKFESCUE15	ANNUAL FORBS20 LOMATIUM5 BUCKWHEAT10	2 LT5 RK10					HH	6/28/2011	45.31918241390	-118.23081474300		107.0	Introduced Upland Vegetation - Annual and Perennial Grassland
726	628-5	628-5	E	PIPO30	SPIREA10 SNOWBERRY10 ROSE5	POPR10 ELK SEDGE5 ORCHARD GRASS5	LUPINE2 ARNICA2 CINQUEFOIL 5	2 LT10	3				HH	6/28/2011	45.31561197920	-118.20759675300		108.2	Northern Rocky Mountain Ponderosa Pine Woodland and Savanna
727	628-6	628-6	W									EPHEMERIAL IN ROAD	HH	6/28/2011	45.31578722770	-118.20523329500		108.3	Columbia Basin Foothill Riparian Woodland and Shrubland
728	628-7	628-7	SW									PERENNIAL CREEK	HH	6/28/2011	45.31511486040	-118.20233264000		108.4	North American Arid West Emergent Marsh

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729	628-8	628-8	S									EPHEMERIAL	HH	6/28/2011	45.31464594490	-118.19841336200		108.6	Columbia Basin Foothill Riparian Woodland and Shrubland
730	628-9	628-9	NW							CYOF	> .1 ACRES	PERENNIAL RIVER	HH	6/28/2011	45.31475633350	-118.19809686100		108.7	North American Arid West Emergent Marsh
731	628-10									CYOF	>.1 ACRES		HH	6/28/2011	45.31445043490	-118.19653901500		108.7	Noxious Weeds
732	628-11									TACA	.1-1 ACRES		HH	6/28/2011	45.31454177980	-118.19632315200		108.7	Noxious Weeds
733	628-12	628-12	N									EPHEMERIAL	HH	6/28/2011	45.31462792230	-118.19586530100		108.8	Columbia Basin Foothill Riparian Woodland and Shrubland
734	628-13									CYOF	>.1 ACRES		HH	6/28/2011	45.31345596000	-118.19213701800		109.0	Noxious Weeds
735	628-14	628-14	SE									INTERMITTENT	HH	6/28/2011	45.31340588510	-118.19123117400		109.0	North American Arid West Emergent Marsh
736	628-15									CYOF	.1-1 ACRES		HH	6/28/2011	45.31369226420	-118.19056983000		109.0	Noxious Weeds
737	628-16	628-16	E			POVERTY BROME20 6WK FESCUE25 JAPBROME5	FIDDLENECK5 LOMATIUM5 ANNUAL FORBS10	4 RK10 LT2	5	TACA	>1 ACRES		HH	6/28/2011	45.31316423630	-118.18917329700	628-16xx	109.1	Introduced Upland Vegetation - Annual and Perennial Grassland
738	628-17	628-17	E	PIPO25		FEID5 BLUEGRASS10 BRTE5	LUPINE5 SHEEP SOREL2 YARROW5	LT20	3	CYOF	>.1 ACRES		HH	6/28/2011	45.31301961150	-118.18579240400		109.3	Northern Rocky Mountain Ponderosa Pine Woodland and Savanna
739	628-18	628-18	S	PIPO 5		SIXWEEKS FESCUE 60 POBU 5 FEID 5	YARROW 5 LUPINE 5 CINQUEFOIL 5	5 LITTER 5 ROCK 5					BG	6/28/2011	45.28904795250	-118.20117419600		2.5	Columbia Plateau Steppe and Grassland
740	628-19	627-19								TACA	LESS THAN 1 ACRE		BG	6/28/2011	45.28392661820	-118.19685252200		2.9	Noxious Weeds
741	629-1	629-1	S			6WK FESCUUE40 FEID10 PSSP10	BALSAMROOT LACY LEAF5 LOMATIUM5 ANNUAL FORBS5	2 RK10	3				HH	6/29/2011	45.31690201080	-118.22637513400	629-1xx	0.2	Columbia Plateau Steppe and Grassland
742	629-2	629-2	SE									INTERMITTENT	HH	6/29/2011	45.31511937060	-118.22294626100		0.4	North American Arid West Emergent Marsh
743	629-3	629-3	S									INTERMITTENT	HH	6/29/2011	45.31073522750	-118.22010335800		0.8	North American Arid West Emergent Marsh
744	629-5									TACA	<1 ACRES		HH	6/29/2011	45.29918567340	-118.20974808800		1.7	Introduced Upland Vegetation - Annual and Perennial Grassland
745	629-6	629-6	SW									INTERMITTENT	HH	6/29/2011	45.29453519130	-118.20582988100		2.1	North American Arid West Emergent Marsh
746	629-7	629-7	S									PERENNIAL	HH	6/29/2011	45.29309524940	-118.20473519900		2.2	North American Arid West Emergent Marsh
747	6/1-1	6/1-1	E		PURTRI (BITTERBRUSH) 35 CHRNAU 10	BROTEC 40 STICOM (NEEDLEANDTHREAD GRASS) 4	YARROW 1	15	4			NATIVE SHRUB AND GRASS	MM	6/1/2011	45.80634218880	-119.64259269100		16.1	Inter-Mountain Basins Big Sagebrush Shrubland
748	6/2-2	6/2-2	E		CHRNAU 3	BROTEC 65 AGROPYRON SMITHII 8 POABUL 3	AMSINKIA 10 MEDSAT (ALFALFA) 5 DESPIN 1	10	5				MM	6/1/2011	45.80634275530	-119.64042052500		16.2	Introduced Upland Vegetation - Annual and Perennial Grassland
749	6/2-3	6/2-3	N		PURTRI 2 CHRNAU 15 CHRVIC 10	BROTEC 45	MEDSAT 25 AMSINKIA 1 RUMEX 5	15	4				MM	6/1/2011	45.80648883700	-119.62429951100		17.0	Inter-Mountain Basins Big Sagebrush Shrubland
750	6/2-4	6/2-4	N		CHRNAU 5	BROTEC 25	DESPIN 5 RUMEX 2	10	5			GROUND COVERED WITH DEAD SALSOLA KALI AND INDIAN TOBACCO	MM	6/1/2011	45.80967635330	-119.62363169400		17.2	Introduced Upland Vegetation - Annual and Biennial Forbland
751	6/2-5	6/2-5	N		CHRNAU 20	BROTEC 65		10	5				MM	6/1/2011	45.81211533650	-119.62369162700		17.4	Inter-Mountain Basins Big Sagebrush Steppe
752	6/1-6	6/1-6	N	RUSSIAN OLIVE		TYPHA 85	CANADA THISTLE AROUND MARGINS	0	2				MM	6/1/2011	45.81407350300	-119.62369192600		17.5	North American Arid West Emergent Marsh
753	6/1-7	6/1-7	N		0	BROTEC 10	RUMEX 10 SALSOLA 75	5	5				MM	6/1/2011	45.81590805290	-119.62368392600		17.6	Introduced Upland Vegetation - Annual and Biennial Forbland
754	6/1-8	6/1-8	N			TYPHUS 25 CANARY REDGRASS 15 CANADA THISTLE OTHER WEEDY FORS INTERSPERSED THROUGH OUT 45	TYPHA 25 CALAMAGROSTIS REEDGRASS 15 CANADA THISTLE 45 OTHER WEEDY FORBS INTERSPERSED THROUGHOUT	0	?			WETLANDS ALONG BOTH SIDE OF HWY	MM	6/1/2011	45.81788526940	-119.62350569200		17.8	North American Arid West Emergent Marsh
755	6/1-9	6/1-9	N		CHRNAU 5	BROTEC 10	SALSOLA 80; LAST YEAR'S SALSOLA CARCASSES COVER LARGE AREAS	5	5				MM	6/1/2011	45.81954658600	-119.62373022500		17.9	Introduced Upland Vegetation - Annual and Biennial Forbland
756	6/1-10	6/1-10	NW			TYPHA 80	NUMEROUS WEEDY FORBS AROUND MARGIN OF SAURATED SOIL	0	2			WETLAND ALONG ROAD	MM	6/1/2011	45.82285663570	-119.62357402400		18.1	North American Arid West Emergent Marsh
757	6/9-11	6/9-11	N			BROTEC 15	LACTUCA 10 SISYMBRIUM 15 KOCHIA 45	15	5				MM	6/1/2011	45.82530765220	-119.62382297400		18.3	Introduced Upland Vegetation - Annual and Biennial Forbland
758	6/1-12	6/1-12	W		PURTRI 2 CHRNAU 5 CHRVIC 5	BROTEC 55	SYSIMBRIUM 10 RUMEX 25	5	5				MM	6/1/2011	45.82766443560	-119.62541704000		18.4	Introduced Upland Vegetation - Annual and Biennial Forbland
759	6/1-13	6/1-13	E		CHRNAU 5	BROTEC 15	SALSOLA 60 ALFALFA 10	5	5			SALKAL DEAD PLS COVER LARGE AREAS	MM	6/1/2011	45.82804705200	-119.62336627300		18.5	Introduced Upland Vegetation - Annual and Biennial Forbland
760	6/1-14	6/1-14	E		CHRNAU 10 PURTRI 5	BROTEC 25 AGROPYRON SMITHII 5	SALSOLA 40 RUMEX 35	5	5			WEEDY EXCEPT FOR SHRUBS	MM	6/1/2011	45.82935768440	-119.61534520800	6/1-14xx	18.9	Columbia Plateau Steppe and Grassland
761	6/1-15	6/1-15	N		CHRNAU 40 PURTRI 5	BROTEC 50 AGROPYRON SMTHII 5	DESPIN 2 ACHMIL 3	10	4			INCLUDES EASTERN TENSIONSSPUR	MM	6/1/2011	45.83072863410	-119.61277060800		19.1	Columbia Plateau Steppe and Grassland
762	6/1-16	6/1-16	E					20	5			IRRIGAED WHEAT	MM	6/1/2011	45.83263596710	-119.61054662500		19.3	Cultivated Crops and Irrigated Agriculture
763	6/1-17	6/1-17	E				SALSOLA 40 DESPIN 10 KOCHIA 45	10	5			WEEDY FALLOW FIELD & FIELD MARGIN S	MM	6/1/2011	45.83104244960	-119.60144349300		19.7	Cultivated Crops and Irrigated Agriculture
764	6/1-18	6/1-18	E		CHRNAU 15	BROTEC 70 POABUL 10	AMSINKIA 3	20	5			WEEY AREA O FIELD MARGIN	MM	6/1/2011	45.82940796560	-119.59403939500		20.1	Introduced Upland Vegetation - Annual and Perennial Grassland
765	6/1-19	6/1-19	S					21	5			EDGE BTWN IRRIGATED WHEAT FIELD & POPLAR PLANTATION	MM	6/1/2011	45.81169225720	-119.49772191500		25.1	Cultivated Crops and Irrigated Agriculture
766	6/1-20	6/1-20	S		0	BROTEC 40 LOLIUM PERENNE 30	SALSOLA 20 AMSINKIA 3	22	5			AG FIELD ON WEST SIDE BUFFER	MM	6/1/2011	45.78521777140	-119.45411147900	6/1-20xx	28.9	Introduced Upland Vegetation - Annual and Perennial Grassland
767	6/1-21	6/1-21	S					23	5			IRRITATED AG BOTH SIDES	MM	6/1/2011	45.78207742180	-119.45574309600		29.0	Cultivated Crops and Irrigated Agriculture
768	6/2-1	6/2-1	N			BROTEC85	DESPIN 2	5	5				MM	6/2/2011	45.76294223980	-119.45556433300		30.4	Introduced Upland Vegetation - Annual and Perennial Grassland
769	6/2-2	6/2-2	N		CHRNAU 3	BROTEC 35 POA ANNUA 20 FOXTAIL 4 AGRSMI 2D	SALSOLA 5 DESPIN 4	20	5				MM	6/2/2011	45.77015040590	-119.45559098100	6/2-2xx	29.9	Columbia Plateau Steppe and Grassland
770	6/2-3	6/2-3	S	POPLAR PLANTATION ON WEST SIDE	CHRVIC20 ARTTRI 5	BROTEC 60 STICOM 5	DESPIN 1	5	4				MM	6/2/2011	45.76292032200	-119.44515835100	6/2-3xx	30.9	Inter-Mountain Basins Big Sagebrush Shrubland
771	6/2-4	6/2-4	S	RUSSIAN OLIVE	CHRNAU 5	BROTEC 25	HPUNDS TONGUE	10	5			RUSSIAN OLIVE COVERS AREA	MM	6/2/2011	45.75558642250	-119.44515267000		31.4	North American Arid West Emergent Marsh
772	6/2-5	6/2-5	SE		CHRNAU 1	BROTEC 80 FOXTAIL 2	DESPIN 2 SALSOLA 5	5	5			WEEDY AREAS AMID IRRIGATED AG FIELDS	MM	6/2/2011	45.74804607300	-119.4428548800	6/2-5xx	31.9	Introduced Upland Vegetation - Annual and Perennial Grassland
773	6/2-6	6/2-6	S									EPHEMERAL STREAM 6/2-5 PLANT COMMUNITY CONTINUES ON SOUTH IDE	MM	6/2/2011	45.73412192410	-119.44499847400		32.9	North American Arid West Emergent Marsh
774	6/2-7	6/2-7	S			BROTEC 35	CROSSTOP MUSTAD 30 AMSINKIA 20 VOLUNTEER WHEAT 15	10	5			PLANTCOMMUNITY CONTINEUS TO MILE 35 DIDNT WALK TO END ABANDONED IRRITATED AG FIELD	MM	6/2/2011	45.71084480930	-119.44644716200		34.6	Introduced Upland Vegetation - Annual and Perennial Grassland
775	6/3-1	6/3-1	SW			WHEAT STUBBLE		60	5			FALLOW WHEAT FIELD ENTIRE DISTANCE MILE 35 TO 36	MM	6/3/2011	45.70003502620	-119.44039016600		35.4	Cultivated Crops and Irrigated Agriculture
776	6/3-2	6/3-2	E			BROTEC 75 HORJUB 20		5	5				MM	6/3/2011	45.69013104290	-119.43433555200	6/3-2xx	36.1	Introduced Upland Vegetation - Annual and Perennial Grassland
777	6/2-3	6/2-3	N		PURTRI 2 CHRNAU 15 CHRVIC 10	BROTEC 45	MEDSAT 25 AMSINKIA 1 RUMEX 5	15	4			CONTINUATION OF 6/2-2	MM	6/3/2011	45.69021494210	-119.42572157000		36.5	Inter-Mountain Basins Big Sagebrush Steppe
778	6/3-4	6/3-4	E			BROTEC 55 HORJUB 20 STICOM 5	DESPIN 10	5	5			PLANT COMMUNITY CONTINUES TO 38.1 NO ACCESS ACROSS LAND UNTIL 38.1	MM	6/3/2011	45.69024815700	-119.40845105600		37.4	Introduced Upland Vegetation - Annual and Perennial Grassland
779	6/3-5	6/3-5	S									PERRENNIAL STREAM	MM	6/3/2011	45.68691052230	-119.39300096000		38.2	Columbia Basin Foothill Riparian Woodland and Shrubland
780	6/3-6	6/3-6	E			BROTEC 5 HORJUB 20 VOLUNTEER WHEAT 65 LEYTRI 3	KOCHIA 15	10	5			WEEDY AREA BTWN FIELDS DITCH RUNS PARALLEL TO CENTERLINE	MM	6/3/2011	45.68686050550	-119.39259204300		38.2	Introduced Upland Vegetation - Annual and Perennial Grassland
781	6/3-7	6/3-7										DITCH PARALLELS FIELD PL COMMUNITY CONTINUES TO MP 38.7	MM	6/3/2011	45.68660292200	-119.39061711000		38.3	Columbia Basin Foothill Riparian Woodland and Shrubland
782	6/3-8	NO PHOTO							5			NO ACCESS: view from road - 38.7 to 39.05 irrigated wheat. mi 39.05 to 39.45 fallow wheat	MM	6/3/2011	45.68235548710	-119.37088741500		39.4	UNKNOWN

OBJECTID	ID	PH_NUM	DIR	TREE	SHRUB	HERB	FORB	BG	HAB_QAL	NOX	SIZE	NOTES	NAME	DATE_	Lat	Long	CoverSheet	MilePost	EcoSys_Rev
783	6/3-9	6/3-9	SE			AGROPYRON SPICATUM 60 BROTEC 30 KOELERIA MACRANTHA 5 LOIUM PERENNE 5	DESPIN 3	15	3				MM	6/3/2011	45.68262557030	-119.37005633100	6/3-9xx	39.4	Columbia Plateau Steppe and Grassland
784	3/9-10	3/9-10	E			MOWED WHEAT AND BROTEC STUBBLE		30	5			MOWED & PLOWED	MM	6/3/2011	45.67538668570	-119.35214771900		40.4	Cultivated Crops and Irrigated Agriculture
785	3/9-11	3/9-11	E		CHRNAU 20	BROTEC 50 LOLIUM PERENNE 10	DESPIN 4 ACHILLEA 3	20	5				MM	6/3/2011	45.67523385030	-119.33141007300	3/9-11xx	41.4	Inter-Mountain Basins Big Sagebrush Steppe
786	6/3-11	NO PHOTO	E		CHRNAU 20	BROTEC 50 PERENNIAL RYE 10	DESPIN4ACHILLEA 3	20	5			SAME AS PREVIOUS POINT	MM	6/3/2011	45.67516798310	-119.32703072400		41.6	Inter-Mountain Basins Big Sagebrush Steppe
787	6/4-1	6/4-1	E		CHRNAU 5	BROTEC 40 POABUL 2 LOLIUM PERENNE (LOLPER) 5	CLASPING PEPPERWEED 2 TARWEED 1	20	5			WHEAT & PLOWEED WHEAT FIELDS BOTH SIDES	MM	6/4/2011	45.67520321480	-119.30973127700	6/4-1xx	42.4	Cultivated Crops and Irrigated Agriculture
788	6/4-2	6/4-2	E		CHRNAU 20	POASEC 35 BROTEC 15 STICOM 25	ACHILLEA MILLEFOLIUM 1	10	3				MM	6/4/2011	45.67716657860	-119.28256971500	6/4-2xx	43.7	Columbia Plateau Steppe and Grassland
789	6/4-3	6/4-3	E						5			WHEAT FIELD	MM	6/4/2011	45.67795697830	-119.27959139800		43.9	Cultivated Crops and Irrigated Agriculture
790	6/4-5	6/4-5	E		CHRNAU 2	LOLPER 55 POASEC 30	BALSAG 5	10	4				MM	6/4/2011	45.67896546070	-119.27130191600		44.3	Introduced Upland Vegetation - Annual and Perennial Grassland
791	6/4-5	6/4-5	E		CHRNAU 2	LOLPER 55 POASEC 30	BALSAG 5	10	4			WHEATFIELD	MM	6/4/2011	45.67939299390	-119.27079280000		44.3	Introduced Upland Vegetation - Annual and Perennial Grassland
792	6/4-6	6/4-6	E		CHRNAU 3	POASEC 20 STICOM 30 BROTEC 40	AMSINKIA 2	5	4			LAYDOWN YARD	MM	6/4/2011	45.67317767550	-119.24782370500		45.5	Columbia Plateau Steppe and Grassland
793	6/4-7	6/4-7	E		CHRNAU 1	BROTEC 65 POASEC 20 SITHYS 3	AMSINKIA 2	15	5				MM	6/4/2011	45.67460792520	-119.24581263800	6/4-7xx	45.6	Introduced Upland Vegetation - Annual and Perennial Grassland
794	6/4-8	6/4-8	E						5			WHEAT FIEBOTH SIDES CENTERLINELDS	MM	6/4/2011	45.67458382450	-119.23937215600		45.9	Cultivated Crops and Irrigated Agriculture
795	6/4-9	NO PHOTO	E			STICOM 35 POASEC 30 BROTEC 15	DESPIN 2	15	4			WHEAT N OF CENTERLINE STICOM GRASSLAND S SIDE	MM	6/4/2011	45.67467070740	-119.23432052400		46.1	Columbia Plateau Steppe and Grassland
796	6/4-10	6/4-10	E			BROTEC 75 POASEC 10	DESPIN 3	20	5			PHOTO ON FENCELINE WHEAT N SIDE OF CENTERLINE ANNUQL GRASSLAND S SIDE	MM	6/4/2011	45.67471390680	-119.22902830800		46.4	Introduced Upland Vegetation - Annual and Perennial Grassland
797	6/4-11	6/4-11	E			BROTEC 65 POASEC 15 HORJUB 2	DESPIN 1	20	5			TENSION LINE AREAS SAME PLANT COMMUNITY	MM	6/4/2011	45.67490387310	-119.22582942500		46.6	Introduced Upland Vegetation - Annual and Perennial Grassland
798	6/5-1	6/5-1	NW		ARTTRI 40	BROTEC 25 POASEC 20	ACHMIL 1 LUPINE 1	10	3				MM	6/5/2011	45.63358368920	-119.18906797400	6/5-1xx	50.3	Inter-Mountain Basins Big Sagebrush Steppe
799	6/5-2	6/5-2	N/A									EPHEMERAL STREAM	MM	6/5/2011	45.63490218920	-119.19020392300		50.2	Columbia Basin Foothill Riparian Woodland and Shrubland
800	6/5-3	6/5-3	NW		CHRNAU 15 ERIOGONUM 5 ARTTRI 2	BROTEC 40 POASEC 25 STICOM 10	PHLOX 2 ALLACU 1 LUPINE 1	10	4				MM	6/5/2011	45.63583222250	-119.19096082300		50.1	Columbia Plateau Steppe and Grassland
801	6/5-4	6/5-4	NW		CHRNAU 35 ERIOGONUM 5	BROTEC 25 POASEC 40 STICOM 3	PHLOX 1 ASTER 1 PLANTAGO PATAGONICA (PLAPAT) 2	5	3				MM	6/5/2011	45.63820073930	-119.19319540500	6/5-4xx	49.9	Inter-Mountain Basins Big Sagebrush Shrubland
802	6/5-5	6/5-5	NW			BROTEC 30 HORJUB 50		25	5			VALLEY BOTTOM	MM	6/5/2011	45.65930673930	-119.20949984800		48.2	Introduced Upland Vegetation - Annual and Perennial Grassland
803	6/5-6	6/5-6	NW			BROTEC 50 POASEC 35	ERODIUM 2 ERIGERON 1	15	5				MM	6/5/2011	45.66383340600	-119.21317694600		47.9	Introduced Upland Vegetation - Annual and Perennial Grassland
804	6/5-7	6/5-7	N		CHRNAU 30	BROTEC 5 AGRSPI 35 STICOM 25	LINLEW (LEWIS' FLAX) 1 PHLOX 1 PLAPAT 3S SPHCOC 1 ACHMIL 2	2	3				MM	6/5/2011	45.59063292530	-119.18333020100	6/5-7xx	53.3	Inter-Mountain Basins Semi-Desert Shrub Steppe
805	6/5-8	6/5-8	N		CHRNAU 2	STICOM 40 POASEC 20 BROTEC 20	ERIGERON 2 PLAPAT 3 ERODIUM 1	5	3				MM	6/5/2011	45.61728890670	-119.18460959500		51.4	Columbia Plateau Steppe and Grassland
806	6/5-10	6/5-10	N/A									INTERMITTENT STREAM	MM	6/5/2011	45.63021518920	-119.18647009100		50.5	Columbia Basin Foothill Riparian Woodland and Shrubland
807	6/5-11	6/5-11	NW		CHRNAU 15 ARTTRI 5	POASEC 45 BROTEC 10	ACHMIL 10 LUPINE 2	10	3				MM	6/5/2011	45.63165767260	-119.18760064100		50.4	Columbia Plateau Steppe and Grassland
808	6/6-1	6/6-1	S		CHRNAU 5 ERIOGONUM 1	BROTEC 5 AGRSPI 25 STICOM 10 POASEC 35	ERODIUM 1 ACHMIL 3 ERIGERON 1	5	3		MM		MM	6/6/2011	45.58993794200	-119.18323993400	6/6-1xx	53.3	Columbia Plateau Steppe and Grassland
809	6/6-2	6/6-2										EPHEMERAL STREAM	MM	6/6/2011	45.58423827570	-119.18314193500		53.7	Columbia Basin Foothill Riparian Woodland and Shrubland
810	6/6-3	6/6-3							5			WHEAT FIELD	MM	6/6/2011	45.58417047570	-119.18316360200		53.7	Cultivated Crops and Irrigated Agriculture
811	6/6-4	6/6-4	SW		CHRNAU 15	AGRSPI 5 VULPIA 10 POASEC 35 BROTEC 15	ACHMIL 5 ERODIUM 4	10	4				MM	6/6/2011	45.57393769320	-119.18230305400		54.4	Columbia Plateau Steppe and Grassland
812	6/6-5	6/6-5	N/A									EPHEMERAL STREASAME PL COMMUNITY CONTINUES BEYONDM	MM	6/6/2011	45.56989002600	-119.17446915700		54.9	Columbia Basin Foothill Riparian Woodland and Shrubland
813	6/6-6	6/6-6	SW		CHRNAU 1	AGRSPI 30 POASEC 40 BROTEC 15	ASTRAGALUS 5 BALSAG 1	5	3				MM	6/6/2011	45.56937860930	-119.17390227300		55.0	Columbia Plateau Steppe and Grassland
814	6/6-7	6/6-7	NE		CHRNAU 20	POASEC 25 BROTEC 50 AGRSPI 5	ERIOGONUM 1 PLAPAT 10 BALSAG 5 ACHMIL 1	15	4				MM	6/6/2011	45.56438575880	-119.16483885900	6/6-7xx	55.5	Columbia Plateau Steppe and Grassland
815	6/6-8	6/6-8										EPHEMERAL STREAM	MM	6/6/2011	45.56400942540	-119.16415741000		55.6	Columbia Basin Foothill Riparian Woodland and Shrubland
816	6/6-9	6/6-9							5				MM	6/6/2011	45.56375675870	-119.16394611000		55.6	Cultivated Crops and Irrigated Agriculture
817	6/9-10	6/9-10	SW		CHRNAU 4	VULPIA 30 BROTEC 25 AGRSPI 2	ERODIUM 15 DESPIN 2	5	5				MM	6/6/2011	45.55602140800	-119.14986533100		53.3	Columbia Plateau Steppe and Grassland
818	6/6-11	6/6-11	NW									NOTES SAME AS PREVIOUS 6/6-11, USE THIS POINT INSTEAD	MM	6/7/2011	45.51596785790	-118.78703946900		72.3	Cultivated Crops and Irrigated Agriculture
819	6/7-1	6/7-1	SW		CHRNAU 10	KOEMAC 20 FESTIDA 35 AGRSPI 5 BROTEC 15	LINLEW 1 BALSAG 3 ASTRAGALUS 2 PHLOX 2	5	3			SOME AREAS SEEDED BUT WITH NATIVE BUNCHRASSES	MM	6/7/2011	45.53755684190	-118.97410309900	6/7-1xx	62.3	Columbia Plateau Steppe and Grassland
820	6/7-2	6/7-2	E		CHRNAU 1	AGRSPI 10 BROTEC 75	ERODIUM 5 AMSINKIA 3 DESPIN 4	5	5			THIS PL COMM STARTS 1000 FT BACK AT PREVIOUS 90 DEGREE TURN	MM	6/7/2011	45.53089142360	-118.95296952000		63.7	Inter-Mountain Basins Big Sagebrush Steppe
821	6/7-3	6/7-3	N/A										MM	6/7/2011	45.53054230680	-118.95213090400		63.7	North American Arid West Emergent Marsh
822	6/7-4	6/7-4	E		CHRNAU 5	AGRSPI 10 BROTEC 15 KOEMAC 65	ACHMIL 1	10	3			AREA MAY HAVE BEEN SEEDED BUT ALL BUNCHGRASS IS NATIVE SPECIES	MM	6/7/2011	45.53035584010	-118.95151958800		63.8	Columbia Plateau Steppe and Grassland
823	6/7-5	6/7-5	N/A									CANAL&	MM	6/7/2011	45.53025018970	-118.94709060500		64.0	North American Arid West Emergent Marsh
824	6/7-6	6/7-6		RUSSIAN OLIVE								WERLAND	MM	6/7/2011	45.53027892300	-118.94697450500		64.0	North American Arid West Emergent Marsh
825	6/7-7	6/7-7			CHRNAU	BROTEC 55 BROMUS HORDEACEOUS (SOFT CHESS) 25	DESPIN 5 AMSINKIA 3	5	5				MM	6/7/2011	45.53059137290	-118.94626555500		64.0	Introduced Upland Vegetation - Annual and Perennial Grassland
826	6/7-8	6/7-8	E		CHRNAU 1	KOEMAC 65 AGRSPI 20 BROTEC 5	DESPIN 1 ALFALFA 3	5	3			POSSIBLY SEEDED BUT NOW BUNCHGRASS GRASSLAND	MM	6/7/2011	45.53061047280	-118.94525168900		64.1	Columbia Plateau Steppe and Grassland
827	6/7-8	6/7-8	E		CHRNAU 1	KOEMAC 65 AGRSPI 20 BROTEC 5	DESPIN 1 ALFALFA 3	5	3			SEEDED BUT WITH NATIVE BUNCGGRASSES	MM	6/7/2011	45.53046850560	-118.93864777300	6/7-8xx	64.4	Columbia Plateau Steppe and Grassland
828	6/7-9	DELETE POINT	E									SAME AS 6/NO CHANGE7-8	MM	6/7/2011	45.53039927160	-118.93302000800		64.7	UNKNOWN
829	6/7-10	6/7-10	N/A							SCOTCH THISTLE	PATCH 30 X 50 FT, ABOUT 15 PLANTS	66/9-8 PL COMM CONTINES BEYOND	MM	6/7/2011	45.53037232040	-118.92124620900		65.2	Noxious Weeds
830	6/7-11	6/7-11	E						5			WHEAT FIELD	MM	6/7/2011	45.52985731960	-118.91246524500		65.7	Cultivated Crops and Irrigated Agriculture
831	6/7-12	6/7-12	E		CHRNAU 5	AGRSPI 60 BROTEC 10 POASEC 15	ERIOGONUM 5 ACHMIL 1	10	4				MM	6/7/2011	45.52955666840	-118.90062164700	6/7-12xx	66.2	Columbia Plateau Steppe and Grassland
832	6/7-13	6/7-13	E						5			WHEAT FIELD	MM	6/7/2011	45.52946566800	-118.89732853000		66.4	Cultivated Crops and Irrigated Agriculture
833	6/7-14	6/7-14	E			BROTEC 50 HORJUB 30	DESPIN 20	10	5				MM	6/7/2011	45.52990081700	-118.88799248200		66.9	Introduced Upland Vegetation - Annual and Perennial Grassland
834	6/7-15	6/7-15	E			AGRSPI 40 KOEMAC 35 BROTEC 15		15	3			ALL ON S SIDE FENCE	MM	6/7/2011	45.52988415020	-118.88616523200		66.9	Columbia Plateau Steppe and Grassland
835	6/8-1	6/8-1	S			FESIDA 65 BROTEC 20		5	3			POSSIBLE SEEDING	MM	6/8/2011	45.52971599970	-118.88147648300	6/8-1xx	67.2	Columbia Plateau Steppe and Grassland
836	6/8-2	6/8-2	S		CHRNAU 2	FESIDA 20 BROTEC 50		5	4				MM	6/8/2011	45.52497275010	-118.88121505100		67.5	Introduced Upland Vegetation - Annual and Perennial Grassland
837	6/8-3	6/8-3	E		CHRNAU 2	FESIDA 60 BROTEC 20	ACHMIL 1	5	3				MM	6/8/2011	45.52318671690	-118.88138695100		67.6	Columbia Plateau Steppe and Grassland

OBJECTID	ID	PH_NUM	DIR	TREE	SHRUB	HERB	FORB	BG	HAB_QAL	NOX	SIZE	NOTES	NAME	DATE_	Lat	Long	CoverSheet	MilePost	EcoSys_Rev
838	6/8-4	6/8-4	E		CHRNAU 3	FESIDA 10 POASEC 20 BROTEC 30 AGRCHR 20	ACHMIL 1	5	4				MM	6/8/2011	45.52305548330	-118.87860433500	6/8-4xx	67.8	Introduced Upland Vegetation - Annual and Perennial Grassland
839	6/8-5	6/8-5	N/A									EPHEMERAL STREAM	MM	6/8/2011	45.52304411590	-118.87127080300		68.1	Columbia Basin Foothill Riparian Woodland and Shrubland
840	6/8-7	6/8-7	E		CHRNAU 3	AGRCHR 20 BROTEC 45 POABUL 10	ACHMIL 1	5	4				MM	6/8/2011	45.52301124850	-118.86427488800		68.4	Introduced Upland Vegetation - Annual and Perennial Grassland
841	6/8-8	-8	E		CHRNAU 5	AGRSPI 10 POABUL 20 BROTEC 65	TAPERTIP ONION 1 BALSAG 1	5	4				MM	6/8/2011	45.52288899820	-118.86125173800		68.6	Introduced Upland Vegetation - Annual and Perennial Grassland
842	6/-9	6/-9	N/A									DITCH	MM	6/8/2011	45.52285306440	-118.85693983900		68.8	Columbia Basin Foothill Riparian Woodland and Shrubland
843	6/8-10	6/8-10	N/A									DITCH	MM	6/8/2011	45.52284953080	-118.85403232300		68.9	Columbia Basin Foothill Riparian Woodland and Shrubland
844	6/8-11	-11	E			AGRCHR 25 FESIDA 20 BROTEC 20		5	4				MM	6/8/2011	45.52286396410	-118.85393978900		69.0	Introduced Upland Vegetation - Annual and Perennial Grassland
845	6/8-12	6/8-12	N/A									DITCH	MM	6/8/2011	45.52281448050	-118.85147607300		69.1	Columbia Basin Foothill Riparian Woodland and Shrubland
846	6/8-13	-13	E			FESIDA 45 AGRCHR 15 BROTEC 10		5	4				MM	6/8/2011	45.52279191380	-118.85132935600		69.1	Columbia Plateau Steppe and Grassland
847	6/8-14	NO PHOTO											MM	6/8/2011	45.52275428030	-118.84871417400		69.2	Cultivated Crops and Irrigated Agriculture
848	6/8-15	6/8-15	SE	CHRNAU 3	AGRSPI 65 BROTEC 15		ERIOGONUM 8 BALSAG 5	5	3			PL COMM CONRTINUES TO RIVER	MM	6/8/2011	45.52241165910	-118.80333229800	6/8-15xx	71.4	Inter-Mountain Basins Semi-Desert Shrub Steppe
849	6/8-16	6/8-16	S	BLACK WILLOW ALDER ELDERBERRY	ALMELANCHOR ALNIFOLIA; POISON HEMLOCK	CALAMAGROSTIS CANADENSIS						RIPARIAN AREA ON BIRCH CREEK	MM	6/8/2011	45.52208990880	-118.80120171500		71.5	North American Arid West Emergent Marsh
850	6/8-17	6/8-17	NW									WHEAT FIELD TO EDGE OF HIGHWAY	MM	6/8/2011	45.52131040890	-118.80183091500		71.5	Cultivated Crops and Irrigated Agriculture
851	20110720-1-se	1186	se	pinpon_20	seRVICEBERRY_15	luPINE_10		5 percent	4				CA	7/20/2011	45.36642636510	-118.29687817800		102.3	Northern Rocky Mountain Ponderosa Pine Woodland and Savanna
852	20110720-2	1190	s	pinpon 5			achmin_30		3		3 acres		CA	7/20/2011	45.36285096270	-118.28918215900	20110720-2ca	102.7	Columbia Plateau Steppe and Grassland
853	20110720-3	1194	se	pinpon_40	seRVICEBERRY_10				4				CA	7/20/2011	45.36285967190	-118.28913838200		102.7	Northern Rocky Mountain Ponderosa Pine Woodland and Savanna
854	20110720-4	1195	nw								small pockets along cow path <0.1 per pocket	potential wetland	CA	6/27/2011	45.36128518120	-118.28495995200		102.9	North American Arid West Emergent Marsh
855	20110720-5	1196	sw	pinpon			juncas		3		<1 ACRES	cow pond	CA	6/27/2011	45.35998772890	-118.28404823400		103.0	North American Arid West Emergent Marsh
856	20110720-6	1201	sw				juncas; timothy				15' wide X survey area width	potential wetland	CA	6/27/2011	45.35771910260	-118.27744906100		103.4	North American Arid West Emergent Marsh
857	20110720-7	1202	sw	pinpon	seRVICEBERRY						20' X width of survey area	small potential for wetland	CA	6/27/2011	45.35638644600	-118.27378349300		103.6	Northern Rocky Mountain Ponderosa Pine Woodland and Savanna
858	20110720-8	1203	se	pinpon 5			poasec_30; broano_40	10	3		20 aCRE		CA	6/27/2011	45.35607169770	-118.27330165400		103.6	Northern Rocky Mountain Ponderosa Pine Woodland and Savanna
859	20110720-9	1204	se	pinpon 30		lupINE_2; achmin 5	poasec 25; slender whEATGRASS 30		4		>30acress	rocky terrain with limited grazing	CA	7/20/2011	45.35298478430	-118.26838805200	20110720-9ca	103.9	Northern Rocky Mountain Dry-Mesic Montane Mixed Conifer Forest
860	20110720-10	1205	se	PINPON_5		ACHMIN_5	BROANO_70; slender whEATGRASS 25	5	3		>20acres	grazing	CA	7/20/2011	45.35079669890	-118.26523551000		104.1	Northern Rocky Mountain Ponderosa Pine Woodland and Savanna
861	20110720-11	1210	w									ePHEMERIAL drainage'	CA	7/20/2011	45.34737855520	-118.26005142800		104.5	Columbia Basin Foothill Riparian Woodland and Shrubland
862	20110720-12	1216	sw								>1 ACRE < 2 aCRE	small area of juncas along slight hillslope; not likely a wetland	CA	7/20/2011	45.34459275870	-118.25449225000		104.8	North American Arid West Emergent Marsh
863	20110720-13	1217	s	PINPON 70		ACHMIN 10	POASEC 50	<5	4		2 ACRES	SMALL STAND IN GRASSLAND	CA	7/20/2011	45.33949157530	-118.25226867600		105.2	Northern Rocky Mountain Ponderosa Pine Woodland and Savanna
864	20110720-14	1218	s	PINPON <5		ACHMIN 10	POAANO_70; POASEC 20; POABUL_10; slender whEATGRASS 10	< 1 percent	4		>30acres		CA	7/20/2011	45.33807079480	-118.25127684400		105.3	Northern Rocky Mountain Ponderosa Pine Woodland and Savanna
865	20110720-15	1236	se	PINPON 40		LUPINE <5; MIXED COMPOSITE 10	TIMOTHY 10; POABUL 5; POAANO 60		4	SULFUR CINQUEFOIL <5; BROTEC <5	>10 ACRES	VERY MIXED HERBACEOUS LAYER	CA	7/20/2011	45.32681098040	-118.24576170700		106.1	Northern Rocky Mountain Ponderosa Pine Woodland and Savanna
866	20110720-16	1237	sw	salix_25; russian olive_15			juncas_30	5	3		20 feet fringe of river	riparian zone alongside river; likely wetland fringe 10' wide	CA	7/20/2011	45.32580676960	-118.24333069700		106.3	Columbia Basin Foothill Riparian Woodland and Shrubland
867	20110720-17	1243	w	douglas fir 30; true fir 20; PINPON 10		lUPINE _30	foxtail barley_5		4				CA	7/20/2011	45.24415203490	-118.10639581600	20110720-17ca	115.8	Northern Rocky Mountain Dry-Mesic Montane Mixed Conifer Forest
868	20110720-19	1244	nw									end of survey area; same habitat as previous point	CA	7/20/2011	45.24899936460	-118.11656154700		115.1	UNKNOWN
869	20110721-1	1245	se	ABIES SP?_10; PINPON 10; DOUGLAS Fir_5	SERVICEBERRY 20	LUPINE 5; PHLOX SP? 5	POAPRA 15	5	3				CA	7/21/2011	45.24381056710	-118.09845859100	20110721-1ca	116.1	Northern Rocky Mountain Dry-Mesic Montane Mixed Conifer Forest
870	20110721-2	1250	e									same as 20110721 1; end survey area	CA	7/21/2011	45.24340394210	-118.08705186200		116.7	UNKNOWN
871	20110721-3	1252	s	=								perENNIAL creekvw/ potential wetland; riparian along banks	CA	7/21/2011	45.19919932670	-118.04358833000		120.7	Columbia Basin Foothill Riparian Woodland and Shrubland
872	20110721-4	1251	n	DOUGLAS Fir 20; ABIES 10; PINPON 10	roseacea sp?_15; Ribes sp? 5; SERVICEBERRY 5	LUPINE 5; eriogonum 5; penstemum <5	POAPRA 60	5	4				CA	7/21/2011	45.19893292370	-118.04316584800	20110721-4ca	120.7	Northern Rocky Mountain Dry-Mesic Montane Mixed Conifer Forest
873	20110721-5	1253	se	PINPON <5	SERVICEBERRY <5	ACHMIN 5; LUPINE 5; BALSAMROOT <5	POAPRA 5; BROTEC 60	<5	3		20acres		CA	7/21/2011	45.19607397520	-118.03975261700		121.0	Northern Rocky Mountain Ponderosa Pine Woodland and Savanna
874	20110721-6	1255	s	DOUGLAS Fir 20; ABIES 20; PINPON 30	SERVICEBERRY 40	ACHMIN 5; LUPINE 5	POAPRA <5	<5	4			small STAND of mtn mahogany at point 20 X 20	CA	7/21/2011	45.19425600690	-118.03395324200		121.3	Northern Rocky Mountain Dry-Mesic Montane Mixed Conifer Forest
875	20110721-7	1260	s		arttri_30	ACHMIN 10	POABUL 15	<5	4			moderate grazing	CA	7/21/2011	45.19037126360	-118.02857473100	20110721-7ca	121.7	Inter-Mountain Basins Big Sagebrush Steppe
876	20110721-8	1261	s	ABIES 25; PINPON 15; DOUGLAS Fir 15	SERVICEBERRY 20;vRIBES sp? 5			10	4	BROTEC 5	20acres '	narrow stand of cONIFEROUS tres	CA	7/21/2011	45.18585284220	-118.02395691700		122.1	Northern Rocky Mountain Dry-Mesic Montane Mixed Conifer Forest
877	20110721-9	1263	s	PINPON 70	SERVICEBERRY 30; ROSEACEA sp? 20		POABUL 5	<5	4			PINPON WOODLAND SAVANNAH	CA	7/21/2011	45.18422009860	-118.02226444600		122.2	Northern Rocky Mountain Ponderosa Pine Woodland and Savanna
878		1265										EPHEMERIAL DRainage'	CA	7/21/2011	45.18342667530	-118.02124282700		122.3	Columbia Basin Foothill Riparian Woodland and Shrubland
879	20110721-10	1266	s		ARTTRI 30	ACHMIN 10; ASTRAGULOUS SP? 5; LUPINE 5'	POABUL 15; SLENDER WHEATGRASS 15	<5	4		>30acres	grazing	CA	7/21/2011	45.18270759840	-118.02077300000		122.4	Inter-Mountain Basins Big Sagebrush Steppe
880	20110721-11	1267	e	ABIES; PINPON								EPHEMERIAL DRAINAGE	CA	7/21/2011	45.18016573110	-118.01814932900		122.6	Columbia Basin Foothill Riparian Woodland and Shrubland
881	20110721-12	1268	se	PINPON 30; ABIES 30; DOUGLAS Fir 10	SERVICEBERRY 20; ROSEACEA SP 10	ACHMIN 5	POAPRA <5	<5	4			large stand with drainage	CA	7/21/2011	45.17908863160	-118.01700194500		122.7	Northern Rocky Mountain Dry-Mesic Montane Mixed Conifer Forest
882	20110721-13	1270	s		ARTTRI 10	ACHMIN 20; unknown composite (senecio sp?) 20	POABUL 10; POASEC 40	<5	4		20acres	grazing	CA	7/21/2011	45.17782615110	-118.01520093000		122.8	Inter-Mountain Basins Big Sagebrush Steppe
883	20110721-14	1271; 1272	se	PINPON 15; ABIES 15; DOUGLAS FIR 10	SERVICEBERRY 30		SLENDER WHEATGRASS 20	10	5	BROTEC 10		grazing ; brotec 2 track road	CA	7/21/2011	45.17511712410	-118.01252430400		123.0	Northern Rocky Mountain Dry-Mesic Montane Mixed Conifer Forest
884	20110721-15	1273	w									one of 2 ephemeral drainages in stand	CA	7/21/2011	45.17415621780	-118.01109618400		123.1	Columbia Basin Foothill Riparian Woodland and Shrubland
885	20110721-16	1275	se		SNOWBERRY 30	AC	POABUL 30; POASEC 40	10	4		10 aCRES	small open area	CA	7/22/2011	45.17203966880	-118.00880009400		123.3	Northern Rocky Mountain Montane-Foothill Deciduous Shrubland
886	20110721-17	1276	se	ABIES 30; DOUGLAS FIR 20	SERVICEBERRY 40	ACHMIN 5	POAPRA 5	<5	4			grazing	CA	7/22/2011	45.17107135460	-118.00824917800		123.4	Northern Rocky Mountain Dry-Mesic Montane Mixed Conifer Forest
887	20110721-18	1277	e									ePHEMERIAL DRAINAGE	CA	7/22/2011	45.16927778010	-118.00586047800		123.5	Columbia Basin Foothill Riparian Woodland and Shrubland
888	20110721-18	1278	s		SERVICEBERRY 5	ACHMIN 10; ERIOGGONUM 5	POASEC 40; POAPRA 10;	<5	4			grazing	CA	7/22/2011	45.16879688500	-118.00475749800		123.6	Introduced Upland Vegetation - Annual and Perennial Grassland
889	20110721-19	1279	s									end survey area; same as previous point	CA	7/22/2011	45.16658024870	-118.00279874000		123.8	UNKNOWN
890	20110722-1	1280	se		ARTTRI 30	mule ears 5; amsinkia sp? 5; ACHMIN 5	POABUL 20; SLENDER WHEATGRASS 10; Brotec_10	<5	5			grazing	CA	7/22/2011	45.15138232590	-117.98734217800	20110722-1ca	125.1	Inter-Mountain Basins Big Sagebrush Steppe
891	20110722-2	1281	se			LUPINE 5	POAPRA 10; unknown grass 50; juncas 30	<5	5			heavily grazed	CA	7/22/2011	45.14488917020	-117.98099655900		125.6	Introduced Upland Vegetation - Annual and Perennial Grassland
892	20110722-3	1282	e									inTERMITTENT dRAINAGE	CA	7/22/2011	45.14434880610	-117.98014658700		125.7	Columbia Basin Foothill Riparian Woodland and Shrubland
893	20110722-4	1283	se				juncas 60; june grass 30	10	5		25' wide channel	drAINAGE feature	CA	7/22/2011	45.14189532420	-117.97674671600	20110722-4ca	125.9	Columbia Basin Foothill Riparian Woodland and Shrubland
894	20110722-5	1284	se			CATTAILS	JUNE Grass		5		1 ACRE	potential wetland	CA	7/22/2011	45.13894142670	-117.97343511800		126.2	North American Arid West Emergent Marsh

OBJECTID	ID	PH_NUM	DIR	TREE	SHRUB	HERB	FORB	BG	HAB_QAL	NOX	SIZE	NOTES	NAME	DATE_	Lat	Long	CoverSheet	MilePost	EcoSys_Rev
895	20110722-6	1285	se									end survey area; same as 20110722 2	CA	7/22/2011	45.13478068930	-117.96804787200		126.6	UNKNOWN
896	20110722-7	1286	se		ARTTRI 30		BROTEC 70	<5	5	sisalt 5		grazing	CA	7/22/2011	45.13122463680	-117.96206287100	20110722-7ca	127.0	Inter-Mountain Basins Big Sagebrush Steppe
897	20110722-8	1287	se		ARTTRI <5	SISALT <5	POABUL 15; SLENDER WHEATGRASS 10; AGRIDA 70	<5	5	siSALT	10 aCRES	small area of distrubed grASSLAND	CA	7/22/2011	45.12262111530	-117.94671238100		127.9	Introduced Upland Vegetation - Annual and Perennial Grassland
898	20110722-9	1288	se		ARTTRI 40		SLENDER WHEATGRASS 5; POABUL 15; AGRIDA 60	<5	5	sisALT 5		grazing	CA	7/22/2011	45.12089751500	-117.94283800500		128.1	Inter-Mountain Basins Big Sagebrush Steppe
899	20110722-10	1289	se				reed canary grass				<.1 aCRES	potential wetland	CA	7/22/2011	45.12041195230	-117.94250024300		128.2	North American Arid West Emergent Marsh
900	20110722-11	1290	s			mimulous sp?	juncas sp?				15' wide	drainage w potential wetland	CA	7/22/2011	45.11677333430	-117.93533047800		128.6	North American Arid West Emergent Marsh
901	20110722-13	1291	se				cattail; juncas			canada thistle around fringe	<.1 acre	very small cattle pond from seep; potential wetland	CA	7/22/2011	45.11416862780	-117.93055175400		128.9	North American Arid West Emergent Marsh
902	20110722-14	1292	s						5	curly dock; BROTEC	15' wide	ePHEMERIAL DRAINAGE	CA	7/22/2011	45.11282867680	-117.92773475700		129.1	Columbia Basin Foothill Riparian Woodland and Shrubland
903	20110722-15	1293	s								2' channel width	EPHEMERIAL DRAINAGE	CA	7/22/2011	45.10967065050	-117.92208906300		129.4	Columbia Basin Foothill Riparian Woodland and Shrubland
904	20110722-16	1294	s									cow pond assoc. w 20110722 15	CA	7/22/2011	45.10920259070	-117.92178765500		129.4	UNKNOWN
905	20110722-17	1295	se				wHEATGRASS 100		5		20acres	ag field	CA	7/22/2011	45.10800064760	-117.91897403600		129.6	Cultivated Crops and Irrigated Agriculture
906	20110722-18	1296	w									EPHEMERIAL DRAINAGE	CA	7/22/2011	45.10622346380	-117.91549642500		129.8	Columbia Basin Foothill Riparian Woodland and Shrubland
907	20110722-20	1297	e		ARTTRI 30	ACHMIN 5;	BROTEC 70		5	scotch thistle 5			CA	7/22/2011	45.10618685490	-117.91554617700		129.8	Inter-Mountain Basins Big Sagebrush Steppe
908	20110723-1	1300	se		ARTTRI 30		POABUL 20; BROTEC 30	5	5	SCOTCH thistle5: SISALT 5			CA	7/22/2011	45.10335587230	-117.91136035400		130.1	Inter-Mountain Basins Big Sagebrush Steppe
909	20110723-2	1301	s						5	SCOTCH THISTLE 40; SISALT 20; BROTEC 30	5 ACRES	ALL INVASIVE AREA ADJACENT TO CREEK	CA	7/22/2011	45.10044694040	-117.90545291600		130.4	Introduced Upland Vegetation - Annual and Perennial Grassland
910	20110723-3	1302									20' wide	INTERMITTENT STREAM W POTENTIAL Wetland	CA	7/22/2011	45.09939036570	-117.90487403300		130.5	Columbia Basin Foothill Riparian Woodland and Shrubland
911	20110723-4	1303	se		ARTTRI 30		POASEC 10	40	5	LEPEDIUM 10		heavy grazing	CA	7/22/2011	45.09899410380	-117.90395888500		130.6	Inter-Mountain Basins Big Sagebrush Steppe
912	20110723-5	1304	se			ACHMIN 5	BROTEC 30	<5	5	SCOTCH THISTLE 20; SISALT 30	20acres	area of inVASIVE plants	CA	7/22/2011	45.09792332310	-117.90269945600		130.7	Introduced Upland Vegetation - Annual and Perennial Grassland
913	20110723-6	1305	se		ARTTRI 30	ASTER SP? <5	POASEC 10; poABUL 10; BROTEC 10	15	5	LEPEDIUM 5		heavy grazing	CA	7/22/2011	45.09675905720	-117.89999943000		130.8	Inter-Mountain Basins Big Sagebrush Steppe
914	20110723-7	1306								SCOTCH THISTLE : BULL THISTLE : CANADA thistle	40' wide	stream leading to a large pond/lake; poTENTIAL Wetland	CA	7/22/2011	45.09136333320	-117.89153015000		131.4	Columbia Basin Foothill Riparian Woodland and Shrubland
915	20110723-8	1307	n									EPHEMERIAL DRAINAGE : NO WETLAND LIKELY	CA	7/22/2011	45.08200243180	-117.87756761000		132.3	Columbia Basin Foothill Riparian Woodland and Shrubland
916	20110723-9	1308	s									same as 20110723 6; end survey area;	CA	7/22/2011	45.07515562510	-117.87287231300	20110723-9ca	132.8	Inter-Mountain Basins Big Sagebrush Steppe
917	20110723-10	1309	s		ARTTRI 70	LUPINE 5	POASEC 10; ELYELA 5; BROTEC 10	10	4	SCOTCH THISTLE <5		grazing	CA	7/24/2011	44.93910574430	-117.79916258600	20110723-10ca	142.9	Inter-Mountain Basins Big Sagebrush Shrubland
918	20110723-11	1310	ne-sw									EROSIONAL FEATURE	CA	7/24/2011	44.92789895540	-117.79171532500		143.8	Other Waters
919	20110723-12	1311	s									same as 20110723 11	CA	7/24/2011	44.91773663790	-117.78350936100		144.6	Inter-Mountain Basins Big Sagebrush Shrubland
920	20110723-13	1312	s		ARTTRI 40		BROTEC 30; SLENDER WHEATGRASS 10	5	4	SISALT 5;		grazing	CA	7/24/2011	44.91587504010	-117.78543120900		144.7	Inter-Mountain Basins Big Sagebrush Steppe
921	20110723-14	1313	s		ARTTRI 40		POASEC 20; crested wheatGRASS 10	10	5	MUSK THISTLE <5; SISALT 5		grazing	CA	7/24/2011	44.89668042190	-117.77416053400		146.1	Inter-Mountain Basins Big Sagebrush Steppe
922	20110724-1	775 DH	SE	PINPON 5		AMSINKIA 5	BROTEC 70	5	4			grazing	CA	7/21/2011	45.20870595730	-118.04936808900	20110724-1ca	120.0	Northern Rocky Mountain Ponderosa Pine Woodland and Savanna
923	20110724-2	776 dm	n									EPHEMERIAL DRAINAGE	CA	7/21/2011	45.20204139400	-118.04446727700		120.5	Columbia Basin Foothill Riparian Woodland and Shrubland
924	20110724-3	777	se	PINPON 30	SERVICEBERRY 10	ARROW LEAF BALSAMROOT 5	POASEC 30; POABUL 10; : BROTEC 20		4			steep forestvw/ riparian drainages ; grazing	CA	7/21/2011	45.20119003010	-118.04427134300		120.6	Northern Rocky Mountain Ponderosa Pine Woodland and Savanna
925	20110724-4											same as 20110724 3; end survey area;	CA	7/21/2011	45.19938010390	-118.04381589500		120.7	UNKNOWN
926	20110724-5	1314	ne									EPHEMERIAL DRAINAGE	CA	7/24/2011	44.89452871600	-117.77317519500	20110724-5ca	146.3	Inter-Mountain Basins Big Sagebrush Steppe
927	20110724-6	1315	se		ARTTRI 50		POASEC 40; BROTEC 20; ELYELA 10	5	5			grazing	CA	7/24/2011	44.89447096700	-117.77298525400		146.3	Inter-Mountain Basins Big Sagebrush Steppe
928	20110724-7	1316	se				unknown grass 80; BROTEC 10	10	5	SCOTCH THISTLE 5; BULL THISTLE 5	50 ACRES	cattle grazing field	CA	7/24/2011	44.87617847860	-117.76088531200		147.7	Pasture/Hay
929	20110724-8	1321	se		ARTTRI 50	BROTEC 30; POASEC 30;		10	5	LEPEDIUM SP? 10		grazing	CA	7/24/2011	44.87320464650	-117.75693546400		148.0	Inter-Mountain Basins Big Sagebrush Steppe
930	20110724-9	1324	se									same as 20110724 8	CA	7/25/2011	44.86416121940	-117.74383881500	20110724-9ca	148.9	Inter-Mountain Basins Big Sagebrush Steppe
931	20110725-1	1325	se		ARTTRI 60		POASEC 20; ELYELA 5	20	4			grazing	CA	7/25/2011	44.86384993270	-117.74405088300		148.9	Inter-Mountain Basins Big Sagebrush Shrubland
932	20110725-2	1326	se		ARTTRI 60		POASEC 20; ELYELA 10	20	4			same as 20110725 1; end survey area;	CA	7/25/2011	44.85465166480	-117.73444133500		149.7	Inter-Mountain Basins Big Sagebrush Shrubland
933	20110725-3	1332	se		ARTTRI 60		POASEC 20; SLENDER WHEATGRASS 10; BROTEC 10	20	4			area disturbed by 4 wheel drive roads	CA	7/25/2011	44.82397197540	-117.70093054500	20110725-3ca	152.5	Inter-Mountain Basins Big Sagebrush Steppe
934	20110725-4	1333	s		ARTTRI 60		POASEC 20; SLENDER WHEATGRASS 10; BROTEC 10	20	4			same as 20110725 3; end survey area;	CA	7/25/2011	44.80709746980	-117.71023504700		153.8	Inter-Mountain Basins Big Sagebrush Shrubland
935	PERSHA DOMINANT										1500 feet		CA	7/25/2011	44.79053663280	-117.71965782900		155.1	Inter-Mountain Basins Big Sagebrush Shrubland
936	20110726-1	1337	e		ARTTRI 60		POASEC 20;	20	4			grazing	CA	7/26/2011	44.69840830140	-117.69212842300		162.0	Inter-Mountain Basins Big Sagebrush Shrubland
937	20110726-2	1353	e		ARTTRI 60: GUTSAR 30		POASEC 20; POABUL 20; ELYELA 10	20	4	SCOTCH THISTLE 5		SUB DOMINANT GUTSAR	CA	7/26/2011	44.69653462850	-117.68392584800		162.4	Inter-Mountain Basins Big Sagebrush Steppe
938	20110726-3	1370	sw		ARTTRI/GUTSAR		BROTEC		5		channel 1m/ BFW 4m/ bank height 1m	EPHEMERIAL DRAINAGE	CA	7/26/2011	44.69251820140	-117.66686387700		163.3	Columbia Basin Foothill Riparian Woodland and Shrubland
939	20110726-4	1371	e	JUNIPER (2) <1	ARTTRI 60	2 species ERIOGONUM <5	BROTEC 80	10	5			heavy grazing	CA	7/26/2011	44.69219154180	-117.66574603800		163.3	Inter-Mountain Basins Big Sagebrush Steppe
940	20110726-5	1375	n				BROTEC	30	5		channel 1'; bfw 10'; bank height 3'; heavy grazing	EPHEMERIAL DRAINAGE	CA	7/26/2011	44.69156080920	-117.66369961400		163.4	Columbia Basin Foothill Riparian Woodland and Shrubland
941	20110726-6	1372	e		ARTTRI 40: GUTSAR 20	LUPINE 5	POASEC 20;	20	4			grazing	CA	7/26/2011	44.69149366220	-117.66236047200		163.5	Inter-Mountain Basins Big Sagebrush Shrubland
942	20110726-7	1374	se		ARTTRI 30		BROTEC 60	20	5				CA	7/26/2011	44.69144177840	-117.66057547900		163.6	Inter-Mountain Basins Big Sagebrush Shrubland
943	20110726-8	1375	sw									EPHEMERIAL DRAINAGE	CA	7/26/2011	44.69134864270	-117.65801762400		163.7	Columbia Basin Foothill Riparian Woodland and Shrubland
944	20110726-8	1376	se		ARTTRI 30		POASEC 20; ELYELA 10: BROTEC 20	20	5			heavy grazing; end survey area;	CA	7/26/2011	44.69123236170	-117.65662789300		163.8	Inter-Mountain Basins Big Sagebrush Steppe
945	20110726-9	1377	se	JUNIPER <1	ARTTRI 60	LUPINE 5	POASEC 20;	20	4			grazing	CA	7/26/2011	44.69039631560	-117.65143922300		164.1	Inter-Mountain Basins Big Sagebrush Shrubland
946	20110726-10	1378	sw		ATW	LUPINE	ELYELA / POASEC		4		channel 10' wide; bfw 10'; bank height 4'	EPHEMERIAL DRAINAGE	CA	7/26/2011	44.68896141090	-117.64530169000		164.4	Columbia Basin Foothill Riparian Woodland and Shrubland
947	20110726-11	1380	sw									poTENTIAL wide dRAINAGE '	CA	7/26/2011	44.68732742140	-117.63624672400		164.8	Other Waters
948	20110726-12	1381	sw									EPHEMERIAL DRAINAGE INFLUENCED BY CATTLE	CA	7/26/2011	44.68680446200	-117.63491922400		164.9	Columbia Basin Foothill Riparian Woodland and Shrubland
949	20110726-13	1382	e									denuded CATTLE pasture	CA	7/26/2011	44.68589167200	-117.63178742900		165.1	Pasture/Hay
950	20110726-14	1383	sw			bur chevil	juncas		5	CANADA thistle	NO DEFINED CHANNEL	DRAINAGE INFLUENCED BY CATTLE; small poTENTIAL Wetland (<10 sq ft)	CA	7/26/2011	44.68581180850	-117.63155586700		165.1	North American Arid West Emergent Marsh
951	20110726-15	1384	e		ARTTRI 60		POASEC 20; POABUL 20; ELYELA 5	20	4			grazing	CA	7/26/2011	44.68557832590	-117.63069230500		165.1	Inter-Mountain Basins Big Sagebrush Shrubland
952	20110726-16	1386	w									EPHEMERIAL DRAINAGE INFLUENCED BY CATTLE	CA	7/26/2011	44.68396502630	-117.62405166600		165.5	Columbia Basin Foothill Riparian Woodland and Shrubland

OBJECTID	ID	PH_NUM	DIR	TREE	SHRUB	HERB	FORB	BG	HAB_QAL	NOX	SIZE	NOTES	NAME	DATE_	Lat	Long	CoverSheet	MilePost	EcoSys_Rev
953	20110726-17	1387	w									EPHEMERIAL DRAINAGE INFLUENCED BY CATTLE; chANNEL width 1'; bfw 15'; bank height 5'	CA	7/26/2011	44.68234806910	-117.61626899100		165.9	Columbia Basin Foothill Riparian Woodland and Shrubland
954	20110726-18	1388	e									CATTLE pond; no wetland LIKELY	CA	7/26/2011	44.68154059810	-117.61350821500		166.0	Other Waters
955	20110726-19	1389	ne									EPHEMERIAL DRAINAGE INFLUENCED BY CATTLE	CA	7/26/2011	44.68177422560	-117.60981482500		166.2	Columbia Basin Foothill Riparian Woodland and Shrubland
956	20110726-20	1390	e						5			caTTLE grazing pasture	CA	7/26/2011	44.68075551520	-117.60113584800		166.6	Pasture/Hay
957	20110726-21	1391	se									STREAM DAM FED; chANNEL width 18"; bfw6'; bank height 3'	CA	7/26/2011	44.68023262090	-117.59921153500		166.7	Columbia Basin Foothill Riparian Woodland and Shrubland
958	20110726-22	1392	e		ARTTRI 60; CHRNAS 5	ASTER 5	POASEC 20; BROTEC 10	30	5	SISALT 15		heavy grazing	CA	7/26/2011	44.68013721390	-117.59641541700		166.9	Inter-Mountain Basins Big Sagebrush Shrubland
959	20110726-23	1393	s			SISALT 5	nodding brome 80	5	5			pasture	CA	7/26/2011	44.67933807890	-117.58885094500		167.2	Pasture/Hay
960	20110726-24	1394	se		ARTTRI 60		NODDING brome 70	20	5			hillside w/ grazing	CA	7/26/2011	44.67710484480	-117.58629463100		167.4	Inter-Mountain Basins Big Sagebrush Shrubland
961	20110726-25	1395	se				juncas ; great basin wild rye		4		chANNEL width 1'; bfw 1';	EPHEMERIAL DRAINAGE WITH POTENTIAL Wetland	CA	7/26/2011	44.67622695920	-117.58535193700		167.5	Columbia Basin Foothill Riparian Woodland and Shrubland
962	20110726-26	1396	se			bur chevil 30	noDDING brome; crested wheatGRASS 50; bROTEC 10		5			pasture with BIG SAGE BRUSH STEPPE to either side	CA	7/26/2011	44.67173343300	-117.5794873260 0		167.9	Pasture/Hay
963	20110726-27	1397	se		ARTTRI 40	ACHMIN 5	POASEC 20; ELYELA 10	10	5	BUR CHEVIL 5		Heavy grazing	CA	7/26/2011	44.66923748780	-117.57704583800		168.2	Inter-Mountain Basins Big Sagebrush Shrubland
964	20110726-28	1398	se									same as 20110726 27; end survey area;	CA	7/26/2011	44.66808605960	-117.57516242400		168.3	Inter-Mountain Basins Big Sagebrush Steppe
965	20110727-1	1399	se		ARTTRI 60		POASEC 20; BROTEC 30 ; NODDING BROME 20	10	4			GRAZING	CA	7/27/2011	44.66743521070	-117.57503019500		168.3	Inter-Mountain Basins Big Sagebrush Steppe
966	2011072-2	1400	sw								chANNEL width 10'; bank height 4'	EPHEMERIAL DRAINAGE INFLUENCED BY CATTLE	CA	7/27/2011	44.66048009800	-117.56419676500		169.0	Columbia Basin Foothill Riparian Woodland and Shrubland
967	20110727-3	1401	SW							CURLY dock; LEPPAR		EPHEMERIAL DRAINAGE INFLUENCED BY CATTLE	JH	7/27/2011	44.65683570530	-117.55599777700		169.5	Columbia Basin Foothill Riparian Woodland and Shrubland
968	20110727-4	1402	W							CURLY DOCK; PURPLE MUSTARD; TEASAL			JH	7/27/2011	44.65293162860	-117.54701736100		170.0	Noxious Weeds
969	20110727-5	1404	W							CURLY DOCK; BUR CHEVIL; YELLOW MUSTARD;		EPHEMERIAL DRAINAGE INFLUENCED BY CATTLE grazing	JH	7/27/2011	44.64641488350	-117.53267037300		170.9	Columbia Basin Foothill Riparian Woodland and Shrubland
970	20110727-5	1404	N		ARTTRI ARBUSCULA						5 ACRES	SMALL AREA)F LOW SAGE	JH	7/27/2011	44.63841013150	-117.51642007400		171.8	Columbia Plateau Low Sagebrush Steppe
971	20110727-6	1405	W							CURLY DOCK; KNAPWEED		EPHEMERIAL DRAINAGE INFLUENCED BY CATTLE	JH	7/27/2011	44.63791473960	-117.51524715700		171.9	Columbia Basin Foothill Riparian Woodland and Shrubland
972	20110727-6	1405	S	JUNIPER 5	ARTTRI 60; CHRNAU 20		POASEC 20; BROTEC 30; POABUL 20; ELYELA 10	10	4	SCOTCH THISTLE		GRAZING	JH	7/27/2011	44.63772514230	-117.51463378200		171.9	Inter-Mountain Basins Big Sagebrush Shrubland
973	20110727-7	1406	SW	JUNIPER	GUTSAR; ARTTRI							JUNSPE ON SLOPE	JH	7/27/2011	44.63177076110	-117.50206435400		172.7	Inter-Mountain Basins Big Sagebrush Shrubland
974	20110727-8	1407	W	JUNIPER	ARTTRI					SCOTCH THISTLE ; SESSPE		ALONGSIDE RAILWAY; BEGIN JUNIPER DOMINANT	JH	7/27/2011	44.62999279530	-117.49857756300		172.9	Inter-Mountain Basins Big Sagebrush Shrubland
975	20110727-9	1408	SE	JUNSPE	ATRSPE; ARTTRI		INTERMEDIATE WHEATGRASS				CHANNEL WIDTH 15'; BANK HEIGHT 8'	EPHEMERIAL DRAINAGE INFLUENCED BY CATTLE GRAZING	JH	7/27/2011	44.62878496320	-117.49571327200		173.1	Columbia Basin Foothill Riparian Woodland and Shrubland
976	20110727-10	1409	SE	JUNSPE								END JUNSPE DOMINANT ; BACK TO SAGE BRUSH STEPPE WITH BIG SAGE	JH	7/27/2011	44.62642112830	-117.49165205400		173.3	Inter-Mountain Basins Juniper Savanna
977	20110727-11	1410	E	JUNSPE 5	ARTTRI 60		CRESTED WHEATGRASS 40; BROTEC 30	10	4			SAGE BRUSH STEPPE WITH BIG SAGE	JH	7/27/2011	44.61685131300	-117.47331934300		174.4	Inter-Mountain Basins Big Sagebrush Steppe
978	20110727-12	1411	SW		ARTTRI		POASEC; INDIAN RICE GRASS					BARREN SLOPE WITH SPARSE VEG	JH	7/27/2011	44.61846355350	-117.47590477000		174.3	Inter-Mountain Basins Big Sagebrush Steppe
979	20110727-13	1412	NW	JUNSPE	GUTSAR; ARTTRI	SESSPE	BROTEC; POASEC; POABUL; INTERMEDIATE WHEATGRASS				CHANNEL WIDTH 15'; BANK HEIGHT 4'	EPHEMERIAL DRAINAGE INFLUENCED BY CATTLE GRAZING	JH	7/27/2011	44.61050009590	-117.46042333500		175.2	Columbia Basin Foothill Riparian Woodland and Shrubland
980	7/14-1	7/14-1	W	PINPON 3 DOUG-FIR 1	ROSA 1 Symphoricarpos albus (SYMALB) 2 ERIOGONUM 5	KOEMAC 3 BROINE 15 PHLEUM PRATENSE (PHLPRA) 1 FESIDA 3 POABUL 15 DACTYLIS GLOMERATA (DACGLO) 5 POAS*	8 SEDUM 3 ONION 2 THERMOPSIS 2 ACHMIL 8	15	4	HOUNDS TONGUE	N/A	SCATTERED INDIVIDUAL PLANTS	MM	7/14/2011	45.24551014640	-118.10773628200		115.7	Northern Rocky Mountain Ponderosa Pine Woodland and Savanna
981	7/14-2	7/14-2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	LOW WET AREAS ALONG ROAD WITH JUNCUS SP	MM	7/14/2011	45.24613051280	-118.10534666600		115.8	North American Arid West Emergent Marsh
982	7/14-3	7/14-3	W	DOUG-FIR 40 GRAND FIR 10	RIBES SP 1 Symphoricarpos oreophilus (SYMORE) 5	CARGEY 3 DACGLO 5 BROINE 3 CALRUB 5	STRAWBERRY 5 PENSTEMON 5 LUPINUS 15 POTENTILLA 10 GERANIUM VISCOSISSIMUM (GERVIS) 2 ARNICA CORDIFOL*	N/A	N/A	N/A	N/A	N/A	MM	7/14/2011	45.24625314580	-118.10090780000		116.0	Northern Rocky Mountain Dry-Mesic Montane Mixed Conifer Forest
983	7/14-4	7/14-4	N	DOUG-FIR 20 GRAND FIR 5	CORNUS SP 10 ROSA 5 SYMALB 8 ELDRBERRY 2 SYMORE 15 PHYSOCARPUS MALVACEUS (PHYMAL) 10 PRUNUS SP 5	SEEDED WHEATGRASS 20 DACGLO 10 PHLPRA 2	N/A	N/A	3	TEACAP, HOUNDS TONGUE	N/A	TEACAP FEW PLS ALONG ROAD EDGE; HOUNDS TONGUE SCATTERED INDIVIDUAL PLANTS ALONG ROAD	MM	7/14/2011	45.20077477580	-118.04038958500		120.7	Northern Rocky Mountain Dry-Mesic Montane Mixed Conifer Forest
984	7/14-5	7/15-5	NW	PINPON 10 DOUG-FIR 30	SYMALB 35 SPIBET 15 PHYMAL 5	CALRUB 5 POABUL 3	STRAWBERRY 3 ACHMIL 2	0	3	N/A	N/A	N/A	MM	7/14/2011	45.20358434260	-118.04219310100		120.4	Northern Rocky Mountain Dry-Mesic Montane Mixed Conifer Forest
985	7/14-6	7/15-6	N/A	PINPON 5	ARTARB 25	FESIDA 15 AGRSPI 2 POABUL 15	ACHMIL 2 WEEDY ANNUAL FORBS 20	20	4	N/A	N/A	N/A	MM	7/14/2011	45.20935397650	-118.05086784800		119.9	Columbia Plateau Low Sagebrush Steppe
986	7/14-7	7/14-7	W	N/A	N/A	BROSTE 20 POABUL 25 AGRSPI 5	WYETHIA 5 WEEDY ANNUAL FORBS 10 AMSINKIA 10 ACHMIL 3 ERIOGONUM 1	20	5	TEACAP, HOUNDS TONGUE	N/A	TEACAP FEW PLANTS; HOUNDSTONGUE FEW SEPARATE INDIVIDUAL PLANTS	MM	7/14/2011	45.20795521010	-118.05177919900		120.0	Introduced Upland Vegetation - Annual and Perennial Grassland
987	7/14-8	7/14-8	W	PINPON 5 DOUG-FIR 30	SYMALB 20 ROSA 10 Salix scouleriana (SALSCO) 2 PHYMAL 10	CALRUB 5 POASEC 5	GERVIS 5 ACHMIL 10	5	3	HOUNDS TONGUE	N/A	FEW SCATTERED PLANTS ON ROAD	MM	7/14/2011	45.20777444370	-118.05382753200	7/14-8mm	119.9	Northern Rocky Mountain Dry-Mesic Montane Mixed Conifer Forest
988	7/14-9	7/14-9	NW	PINPON 10 DOUG-FIR 35	ROSA 10 PHYMAL 20 SYMALB 25	CALRUB 15 POASEC 5	GERVIS 10	N/A	3	N/A	N/A	SAME PLANT COMMUNITY AS 7/14-8	MM	7/14/2011	45.20669496050	-118.05496913200		120.0	Northern Rocky Mountain Ponderosa Pine Woodland and Savanna
989	7/14-10	7/14-10	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	SMALL SEEP BY ROAD OTHER AREAS ALSO ALONG ROAD	MM	7/14/2011	45.20762534390	-118.05597828100		119.9	North American Arid West Emergent Marsh
990	7/14-11	NO PHOTO	N/A	N/A	N/A	BROSTE 30 POABUL 20	AMSINKIA 15 WEEDY ANNUAL FORBS 10 ACHMIL 5 WYETHIA 15	10	5	N/A	N/A	N/A	MM	7/14/2011	45.20838237700	-118.05431524800		119.9	Introduced Upland Vegetation - Annual and Perennial Grassland
991	7/14-12	7/14-12	S	N/A	SYMALB 5 CHRNAU 2	AGRSPI 20 POABUL 30 KOEMAC 3	WEEDY ANNUAL FORBS 15	15	4	N/A	N/A	N/A	MM	7/14/2011	45.20638012720	-118.05453866500		120.0	Introduced Upland Vegetation - Annual and Perennial Grassland
992	7/14-13	7/14-13	NE	PINPON 15 DOUG-FIR 5	ROSA 15 SYMALB 20	CALRUB 5 CARGEY 3 POABUL 10 POAPRA + OTHER SEEDED PERENNIAL GRASSES 15	POTENTILLA 5 PENSTEMON 2 ALLIUM 2 ACHMIL 8	5	4	N/A	N/A	N/A	MM	7/15/2011	45.20953614410	-118.05837574700		119.7	Northern Rocky Mountain Dry-Mesic Montane Mixed Conifer Forest
993	7/14-14	7/14-14	E	PINPON 20 DOUG-FIR 5	ARTFIL 15 SYMALB 15 ROSA 5 ERIOGONUM 4	FESIDA 5 POABUL 25	LUPINUS 5 PENSTMON 3 SEDUM 3 ALLIUM 3	10	4	N/A	N/A	SAME PL COMM TO BUFFER	MM	7/15/2011	45.21160579380	-118.05561544800	7/14-14xx	119.7	Northern Rocky Mountain Ponderosa Pine Woodland and Savanna
994	7/14-15	7/14-15	N	PINPON 25 DOUG-FIR 20 GF 5	SYMALB 35 SCOULER'S WILLOW 2 ROSA 10	KOEMAC 5 CALRUB 10 CARGEY 5 SEEDED PERENNIAL GRASSES 10	ALLIUM 3 ACHMIL 5 ANNUAL WEEDY FORBS 20	15	4	N/A	N/A	N/A	MM	7/15/2011	45.21302951040	-118.05586519700		119.6	Northern Rocky Mountain Dry-Mesic Montane Mixed Conifer Forest
995	7/15-1	7/15-1	E	N/A	ARTARB 10	FESIDA 5 POABUL 15 AGRSPI 3	WEEDY ANNUAL FORBS 20 ERIOGONUM	15	4	HOUNDS TONGUE	N/A	SCATTERED INDIVIDUAL PLANTS EDGE OF ROAD	MM	7/15/2011	45.20545402780	-118.05899593100		120.0	Columbia Plateau Low Sagebrush Steppe
996	7/15-2	7/15-2	N	PINPON 20 DOUG-FIR 15	SYMALB 20 Spirea betulifolia (SPRBET) 15PURTRI 2 Salix scouleriana (SALSCO) 5 ROSA 10	FESIDA 3 POABUL 5	LUPINUS 8 ACHMIL 5 WEEDY ANNUAL FORBS 5	5	3	N/A	N/A	N/A	MM	7/15/2011	45.20534732750	-118.05630516500		120.1	Northern Rocky Mountain Dry-Mesic Montane Mixed Conifer Forest
997	7/15-3	7/15-3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	SMALL SEEP NEXT TO ROAD	MM	7/15/2011	45.20637237740	-118.05621114800		120.0	North American Arid West Emergent Marsh
998	7/15-4	7/15-4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	SMALL DRAINAGE FROM SIDEHILL	MM	7/15/2011	45.20608049400	-118.05542161500		120.0	North American Arid West Emergent Marsh
999	7/15-5	7/14-5	NW	N/A	N/A	TEACAP 30 POABUL 15 BROSTE 35	ACHMIL 5 AMSINKIA 5	15	5	TEACAP	N/A	ABUNDANT ALL ALONG ROAD	MM	7/15/2011	45.20600066070	-118.05587003200	7/15-5xx	120.0	Introduced Upland Vegetation - Annual and Perennial Grassland
1000	7/15-6	NO PHOTO	N/A	PINPON 15	ROSA 8 SYMALB 25	BROTEC 10 FESIDA 10	ACHMIL 5 HOUND'S TONGUE 15	N/A	4	ABUNDANT HOUNDS TONGUE ALONG ROAD	N/A	N/A	MM	7/15/2011	45.20434919410	-118.05525813200		120.2	Northern Rocky Mountain Ponderosa Pine Woodland and Savanna
1001	7/15-7	7/15-7	S	PINPON 15 DOUG-FIR 2	CHRNAU 2 ARTARB 8 SYMALB 15 Cercocarpus ledifolius 3	ANNUAL GRASSES 25 FESIDA 3 SEEDED NON-NATIVE PERENNIAL GRASSES 3	ACHMIL 3 SALSIFY 1 WEEDY ANNUAL FORBS 25	10	4	N/A	N/A	N/A	MM	7/15/2011	45.20341799430	-118.05748094800		120.2	Northern Rocky Mountain Ponderosa Pine Woodland and Savanna
1002	7/15-8	7/15-8	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	JUNCUS SP IN LINEAR DEPRESSION CREATED BY ROAD	MM	7/15/2011	45.19827882730	-118.05097556700		120.6	North American Arid West Emergent Marsh
1003	7/15-9	7/15-9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	DRAINAGE WITH TALL WILLOWS	MM	7/15/2011	45.19904407720	-118.05111923400		120.6	North American Arid West Emergent Marsh

OBJECTID	ID	PH_NUM	DIR	TREE	SHRUB	HERB	FORB	BG	HAB_QAL	NOX	SIZE	NOTES	NAME	DATE_	Lat	Long	CoverSheet	MilePost	EcoSys_Rev
1004	7/15-12	7/15-12	N	PINPON 40 DOUG-FIR 5	Cercocarpus ledifolius (CERLED) 2 SYMALB 15	BROSTE 10 FESIDA 35	ASTRAGALUS 1	10	3	N/A	N/A	N/A	MM	7/15/2011	45.19940221060	-118.05117750000		120.6	Northern Rocky Mountain Ponderosa Pine Woodland and Savanna
1005	7/15-13	7/15-13	NW	open grassy area	N/A	BROSTE 75 FESIDA 5	WEEDY ANNUAL FORBS 20	15	5	N/A	N/A	N/A	MM	7/15/2011	45.20021459370	-118.04980545000		120.5	Introduced Upland Vegetation - Annual and Perennial Grassland
1006	7/15-14	7/15-14	NW	PINPON 30 DOUG-FIR 20	PHYMAL 5 SALSCO 10 PURTRI 10 SYMALB 25	CALRUB 10 AGRSPI 5 POABUL 2	WEEDY ANNUAL FORBS 10 THERMOPSIS 3	0	3	N/A	N/A	N/A	MM	7/15/2011	45.20039857690	-118.04941165000		120.5	Northern Rocky Mountain Dry-Mesic Montane Mixed Conifer Forest
1007	7/15-15	7/15-15	N	DOUG-FIR 20 GF 5 PINPON 10	SYMALB 35 SPIBET 5 ROSA 10	AGRSPI 5 SEEDED NON-NATIVE PERENNIAL GRASSES 15 ANNUAL GRASSES 10	N/A	5	3	HOUNDS TONGUE	FEW SCATTERED PLANTS	N/A	MM	7/15/2011	45.18057007700	-118.03515792300	7/15-15xx	122.1	Northern Rocky Mountain Dry-Mesic Montane Mixed Conifer Forest
1008	7/15-16	7/15-16	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	WET AREA ON ROAD	MM	7/15/2011	45.18280182690	-118.03550945600		121.9	North American Arid West Emergent Marsh
1009	7/15-17	7/15-17	N	PINPON 10 DOUG-FIR 5	SYMALB 10 Philadelphus lewisii 1	AGRSPI 5 FESIDA 10 POABUL 20 BROSTE 5	ACHMIL 5 WEEDY ANNUAL FORBS 30	20	4	HOUNDS TONGUE	SCATTERED INDIVIDUAL PLANTS	N/A	MM	7/15/2011	45.18310822690	-118.03565075600		121.9	Northern Rocky Mountain Ponderosa Pine Woodland and Savanna
1010	7/15-19	7/15-19	N	DOUG-FIR 5 PINPON 15	SYMALB 20 PHYMAL 20	SEEDED NON-NATIVE PERENNIAL GRASSES 40	ACHMIL 3 SENECIO 1	5	4	N/A	N/A	N/A	MM	7/15/2011	45.18915422680	-118.03846818800	7/15-19xx	121.3	Northern Rocky Mountain Dry-Mesic Montane Mixed Conifer Forest
1011	7/15-20	7/15-20	NW	DOUG-FIR 35 PINPON 5	PHYMAL 25 SYMALB 20	SEEDED NON-NATIVE PERENNIAL GRASSES 30	ACHMIL 2	5	4	N/A	N/A	N/A	MM	7/15/2011	45.19107581020	-118.04044028700		121.1	Northern Rocky Mountain Dry-Mesic Montane Mixed Conifer Forest
1012	7/15-21	7/15-21	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	WET DEPRESSION IN ROAD	MM	7/15/2011	45.19218501020	-118.04131707000		121.1	North American Arid West Emergent Marsh
1013	7/15-23	7/15-23	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	PREVIOUSLY WET LOW AREA ALONG ROAD	MM	7/15/2011	45.19292982660	-118.03982307000		121.1	North American Arid West Emergent Marsh
1014	7/15-24	7/15-24	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	PREVIOUSLY WET AREA ON ROAD	MM	7/15/2011	45.19367990960	-118.03747358700		121.2	North American Arid West Emergent Marsh
1015	7/16-25	7/16-25	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	WATER HAS CUT CHANNEL DOWN EXISTING ROAD	MM	7/15/2011	45.19323075960	-118.03670235400		121.2	North American Arid West Emergent Marsh
1016	7/16-26	7/16-26	E	PINPON 20 DOUG-FIR 5	ROSA 10 SYMALB 35	FESIDA 15 CARGEY 10	ASTRAGALUS 2 WYETHIA 2 BALSAG 3 ACHMIL 3	5	3	N/A	N/A	N/A	MM	7/15/2011	45.19208067620	-118.03494755500		121.4	Northern Rocky Mountain Ponderosa Pine Woodland and Savanna
1017	7/15-27	7/15-27	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	PREVIOUSLY WET AREA ON ROAD	MM	7/15/2011	45.19278600950	-118.03441065500		121.4	North American Arid West Emergent Marsh
1018	7/15-28	7/15-28	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	PREVIOUSLY WET AREA ON ROAD WATER FROM SIDEHILL	MM	7/15/2011	45.19220350990	-118.03940125400		121.2	North American Arid West Emergent Marsh
1019	7/15-29	7/15-29	NW	PINPON 5	ARTARB 15 SYMALB 10	HORJUB 1 BROSTE 30 SEEDED NON-NATIVE PERENNIAL GRASSES 10	WEEDY ANNUAL FORBS 20 ACHMIL 2 ALLIUM 1	20	4	N/A	N/A	N/A	MM	7/15/2011	45.18880249350	-118.03809433800		121.3	Columbia Plateau Low Sagebrush Steppe
1020	7/15-30	7/15-30	E	DOUG-FIR 15 PINPON 10	SYMALB 10 RIBES 15	SEEDED NON-NATIVE PERENNIAL GRASSES 25 BROSTE 5	Verbascum thapsus (VERTHA) 3 HOUNDS TONGUE 10	20	4	HOUNDS TONGUE	LARGE PATCHES ALONG ROAD	N/A	MM	7/15/2011	45.18763745990	-118.03288920600		121.7	Northern Rocky Mountain Dry-Mesic Montane Mixed Conifer Forest
1021	7/15-31	7/15-31	NW	DOUG-FIR 20 PINPON 35 LARCH 5	SYMALB 35 SPRBET 10 ROSA 5	N/A	THERMOPSIS 10	0	3	N/A	N/A	N/A	MM	7/15/2011	45.18766649290	-118.03008030700		121.8	Northern Rocky Mountain Dry-Mesic Montane Mixed Conifer Forest
1022	7/15-32	7/15-32	E	PINPON 35 DOUG-FIR 2	ARTARB 15 CHRNAU 10 ROSA 5	KOEMAC 4 FESIDA 5 BROINE 3	STRAWBERRY 3 LUPINUS 2	15	4	N/A	N/A	N/A	MM	7/15/2011	45.18666215950	-118.02798350700		121.9	Northern Rocky Mountain Ponderosa Pine Woodland and Savanna
1023	7/15-33	7/15-33	W	N/A	Crataegus douglasii (CRADOU) 4	Phleum pratense (PHLPRA) 10 POAPRA 5 BROSTE 10	ACHMIL 8 LUPINE 10 POTENTILLA 35	15	4	N/A	N/A	HEAVILY GRAZED SOUTHERN 1/8 OF YARD	MM	7/16/2011	45.19393839000	-118.00844185900		122.1	Introduced Upland Vegetation - Annual and Perennial Grassland
1024	7/15-34	7/15-34	W	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	NORTHERN 7/8 OF YARD IS A WET MEADOW; SOIL IS SATURATED	MM	7/16/2011	45.19378792370	-118.01169814100		122.0	North American Arid West Emergent Marsh
1025	7/16-1	7/16-1	N/A									AJDJACENT TO CULVERTED STREAM	MM	7/16/2011	45.19865164030	-118.01478512300		121.7	North American Arid West Emergent Marsh
1026	7/16-2	7/16-2	NW			SEEDED NON-NATIVE PERENNIAL GRASSES 80	MIMULUS 3 CIRCIUM 5 MALVA SP 8	10	4	HOUNDS			MM	7/16/2011	45.19832849030	-118.01467887300		121.7	Pasture/Hay
1027	7/16-3	7/16-3	NW	barrel left	CRADOU 1	SEEDED NON-NATIVE PERENNIAL GRASSES 10 TEACAP 1 BROSTE 10 POABUL 10 JUNCUS 2	WEEDY ANNUAL FORBS 40 POTENTILLA 5 LUPINUS 3 Polygonum bistortoides 5	5	5	TEACAP	SCATTERED INDIVIDUAL PLANTS IN ISOLATED AREA		MM	7/16/2011	45.19809560710	-118.01563865700		121.7	Introduced Upland Vegetation - Annual and Biennial Forbland
1028	7/16-4	7/16-4	N/A	pack								WET AREA ALONG ROAD	MM	7/16/2011	45.19782395710	-118.01621080600		121.7	North American Arid West Emergent Marsh
1029	7/16-5	7/16-5	NW	PINPON 35 DOUG-FIR 20	SAMBUCUS 1 SYMALB 30 Prunus virginiana 5 Amelanchier alnifolia (AMEALN) 5 Spiraea betulifolia (SPIB*	STIPA 1 CALRUB 2	STRAWBERRY 1 ARNCOR 3	0	3	HOUNDS TONGUE	FEW PLANTS SCATTERED ALONG ROAD		MM	7/16/2011	45.19574364140	-118.02277847300	7/16-5xx	121.6	Northern Rocky Mountain Dry-Mesic Montane Mixed Conifer Forest
1030	7/16-6	7/16-6	E	PINPON 8	Artemisia rigida (ARTRIG) 15	POASEC 5 POABUL 5 BROCAR 2 FESIDA 10	ACHMIL 8 ASTRAGULUS 1 SALVIA 2 ERIOGONUM 4 LUPINUS 5	5	3				MM	7/16/2011	45.19574649170	-118.02475923900		121.5	Northern Rocky Mountain Ponderosa Pine Woodland and Savanna
1031	7/16-7	7/16-7	W	PINPON 55	SYMALB 35 ARTRID 5	POABUL 8 FESIDA 5 POASEC 5 KOEMAC 2 CALRUB 2	ROSA 3 ARNCOR 15 LUPINUS 3	0	3			ENTIRE ACCESS ROAD THIS PLANT COMMUNITY	MM	7/16/2011	45.19348300900	-118.02929047200		121.5	Northern Rocky Mountain Ponderosa Pine Woodland and Savanna
1032	7/16-8	7/16-8	S	PINPON 60	ARTRIG 10 SYMALB 25 ROSA 5 CHRNAU 3	AGRSPI 3 POABUL 10 POASEC 3 BROCAR 2	ERIOGONUM 2 ACHMIL 2 LUPINUS 3	10	3				MM	7/16/2011	45.18625097590	-118.02578057400		122.0	Northern Rocky Mountain Ponderosa Pine Woodland and Savanna
1033	7/16-9	7/16-9	S	PINPON 2	ARTRIG 50	POASEC 10 FESIDA 15 POABUL 15	ERIOGONUM 5 ACHMIL 8 LUPINUS 3	5	3				MM	7/16/2011	45.18416424270	-118.02566289100		122.1	Inter-Mountain Basins Big Sagebrush Shrubland
1034	7/16-10	7/16-10	S	sagebrush front	ARTRIG 60	Bromus briziformis (BROSBRI) 1 BROJAP 2 POABUL 20 FESIDA 8 BROSTE 5 POASEC 5 Bromus carinatus (BROC*	ERIOGONUM 2 ACHMIL 5 LUPINUS 1	15	4				MM	7/16/2011	45.18208667600	-118.02332215900	7/16-10xx	122.3	Inter-Mountain Basins Big Sagebrush Shrubland
1035	7/16-11	7/16-11	N/A	dark green patch w SB around								WET AREA	MM	7/16/2011	45.17665232620	-118.02019289400		122.7	North American Arid West Emergent Marsh
1036	7/16-12	7/16-12	E	DOUG-FIR 35 PINPON 25		SEEDED NON-NATIVE PERENNIAL GRASSES 25	WEEDY ANNUAL FORBS 35	5	4	HOUNDS TONGUE	SCATTERED IDNDIDUAL PLS ALONG RD	for prev wetlands along entire acces rd	MM	7/16/2011	45.17603290950	-118.01990694400		122.8	Northern Rocky Mountain Dry-Mesic Montane Mixed Conifer Forest
1037	7/16-13	7/16-13	N/A	trimble on dry mud								SEEPS ALONG ROAD	MM	7/16/2011	45.17618412630	-118.02173691000		122.7	North American Arid West Emergent Marsh
1038	7/16-13	7/16-13	N/A	PP 1	SYMALB 3	FESIDA 25 KOEMAC 2 PER SEED GRAS 15	LUPINUS 2 ERIOGONUM 8 ACHMIL 3	5	3				MM	7/16/2011	45.17571002620	-118.01942347800		122.8	North American Arid West Emergent Marsh
1039	7/16-14	7/16-14	S	DOUG-FIR 35 PINPON 5 GRAND FIR 20	LONICERA 3 SYMALB 25 ROSA 8	SEEDED NON-NATIVE PERENNIAL GRASSES 35 CALRUB 5 CARGEY 5	SALVIA 1 THERMOPSIS 1 ARNCOR 10 HOUNDSTONGUE 8	15	4	HOUNDS TONGUE	MEDIUM SIZED PATCHES IN LOGGED AREA	PREV LOGGED	MM	7/16/2011	45.17381839260	-118.01533117900		123.0	Northern Rocky Mountain Dry-Mesic Montane Mixed Conifer Forest
1040	7/16-15	7/16-15	N/A	dark draw w fence								DRAINAGE FROM SIDEHILL	MM	7/16/2011	45.17209667600	-118.01470486200		123.1	North American Arid West Emergent Marsh
1041	7/16-15	7/16-15	N/A	evonne light leakPP 20	SPIBET 8 CRADOU 1 SYMALB 20	POAPRA 5 POABUL 30 FESIDA 10	THERM 1 LUPINUS 3 ACHMIL 5 POTENTILLA 5	10	4	HOUNDS	FEW SCATTERED PLANTS		MM	7/16/2011	45.17552497530	-118.01133714500		123.0	North American Arid West Emergent Marsh
1042	7/16-18	7/16-18		hawthorn in pic	CRADOU 5 ARTRIG 3 ARTTRI 20	POABUL 25 BROSTE 10 FESIDA 5	WEEDY ANNUAL FORBS 15 LUPINUS 5 SALVIA 1	20	4				MM	7/16/2011	45.17918032460	-118.00849067800		122.9	Inter-Mountain Basins Big Sagebrush Steppe
1043	7/16-19	7/16-19	N/A	trimble								EPHEMERAL STREAM	MM	7/16/2011	45.18025304110	-118.00807742800		122.9	Columbia Basin Foothill Riparian Woodland and Shrubland
1044	7/16-22	7/16-22	N/A	trimble								LOW WET AREA	MM	7/16/2011	45.18330667410	-118.00724117800		122.7	North American Arid West Emergent Marsh
1045	7/16-23	7/16-23	N/A	tire								SMALL DRAW	MM	7/16/2011	45.18597410720	-118.00626826100		122.6	North American Arid West Emergent Marsh
1046	7/16-24	7/16-24	NE	last photo wet meadow house	CRADOU 8	PHLPRA 80	POTENTILLA 8 LUPINUS 3	0	4				MM	7/16/2011	45.18836467320	-118.00168592800		122.6	North American Arid West Emergent Marsh
1047	7/16-25	7/16-25	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	WATER HAS CUT CHANNEL DOWN EXISTING ROAD	MM	7/16/2011	45.18867202300	-118.00011111100		122.6	North American Arid West Emergent Marsh
1048	7/16-26	7/16-26	E	PINPON 20 DOUG-FIR 5	ROSA 10 SYMALB 35	FESIDA 15 CARGEY 10	ASTRAGALUS 2 WYETHIA 2 BALSAG 3 ACHMIL 3	5	3	N/A	N/A	N/A	MM	7/16/2011	45.18874572290	-118.00005804500		122.6	Northern Rocky Mountain Ponderosa Pine Woodland and Savanna
1049	7/16-28	7/16-28	E	Salix gooddingii 2	CRADOU 15 ARTTRI 25 CHRNAU 5 ROSA 10	POABUL 25 POASEC 15 BROSTE 5 Bromus briziformis 5	LUPINUS 8	10	4				MM	7/16/2011	45.14804522340	-117.97273317400	7/16-28xx	125.7	Inter-Mountain Basins Big Sagebrush Shrubland
1050	7/16-29	7/16-29	N/A	water in rd								BROAD WET AREA	MM	7/16/2011	45.14756715690	-117.97407347400		125.7	North American Arid West Emergent Marsh
1051	7/16-30	7/16-30	N/A	hawthorn in bottom								HAWTHORN IN DRAW ADJACENT TO ROAD	MM	7/16/2011	45.14654134070	-117.97798957300		125.6	North American Arid West Emergent Marsh
1052	7/16-31	7/16-31	N/A	trimble in timothy								LOW WET AREA	MM	7/16/2011	45.12310837460	-117.96638831300		127.1	North American Arid West Emergent Marsh
1053	7/16-32	7/16-32	S	truck		PHLPRA 20 Agropyron sp 10	MADIA SP 60 Sphaeralcea SP 2	0	5			TOP 1/10 OF MEADOW IS NOT MOWN AND IS THIS PKANT COMMUNITY	MM	7/16/2011	45.12279614130	-117.96612313000		127.2	Columbia Plateau Steppe and Grassland
1054	7/16-33	7/16-33	N	semi on rd				20	4			S 1/10 IS MOWN PL ID NOT POSSIBLE	MM	7/16/2011	45.12007429160	-117.96754136400		127.2	Columbia Plateau Steppe and Grassland

OBJECTID	ID	PH_NUM	DIR	TREE	SHRUB	HERB	FORB	BG	HAB_QAL	NOX	SIZE	NOTES	NAME	DATE_	Lat	Long	CoverSheet	MilePost	EcoSys_Rev
1055	7/17-1	7/17-1	SE	sagebrush and rd	ARTTRI 65 TETRADYMIA 2	POABUL 3 POASEC 10 FESDA 3 STICOM 1 AGRCHR 3 BROTEC 3 SITHYS 10	ACHMIL 1 ASTER 5 LUPINUS 2 WEEDY ANNUAL FORBS 15	10	4			BOTH ACCESS ROADS SAME PLANT BOMMUNITY	MM	7/17/2011	44.80757595990	-117.72979578400	7/17-1xx	154.2	Inter-Mountain Basins Big Sagebrush Shrubland
1056	7/17-2	7/17-2	NW	fesida front then sb	ARTTRI 35 CHRNAU 1 GRASPI 1 PURTRI 1	FESIDA 35 SITHYS 2 STIVIR 15 STICOM 2	SENECIO T ASTRAGALUS 1 ASTER 2 Calochortus T	5	3			make note on -1 same for wesr access rd	MM	7/17/2011	44.79558149260	-117.71239522200	7/17-2xx	154.5	Inter-Mountain Basins Big Sagebrush Steppe
1057	7/17-3	7/17-3	na	giant wildrye l								DRY WASH	MM	7/17/2011	44.78897295940	-117.70827250800		155.2	North American Arid West Emergent Marsh
1058	7/17-4	-4	na	trimble								DRY WASH	MM	7/17/2011	44.78555229300	-117.70854699200		155.5	North American Arid West Emergent Marsh
1059	7/17-5	7/17-5	NA	mine								100 FT FROM EDGE OF ACCESS ROAD	MM	7/17/2011	44.76949334490	-117.71289917800		156.6	Inter-Mountain Basins Cliff and Canyon
1060	7/17-6	7/17-6	NA							CARDRA	1.5 ACRE		MM	7/17/2011	44.77002922850	-117.71618924400		156.5	Noxious Weeds
1061	6/17-7	6/17-7		rd right	ARTTRI 40 SYALB 2 TETRADYMIA 1	HORJUB 5 VULPIA 15 POASEC 20 STIVIR 20 FESIDA 15	ASTER 8	20	4				MM	7/17/2011	44.77181022850	-117.71687094300		156.4	Inter-Mountain Basins Big Sagebrush Steppe
1062	7/17-8	7/17-8	NA	truck rt						CARDRA	1/4 ACRE		MM	7/17/2011	44.77201934520	-117.71740719300		156.3	Noxious Weeds
1063	7/17-9	7/17-9	N	evonne up hill	ARTTRI 45 SYMALB 1 PURTRI 2	FESIDA 30 STIVIR 20	Castilleja 1 ASTER 1LUPINUS 1 SPHCOC 1	5	3			STRART WHERE ACES ROAD SPLITS FOM EXISTING ROAD	MM	7/17/2011	44.77751884580	-117.72857399000		155.9	Inter-Mountain Basins Big Sagebrush Steppe
1064	7/17-11	7/17-11	S	fence lt evonne	BUD SAGE 10 ARTTRI 40	STICOM 3 STIVIR 20 FESIDA 15 VULPIA 2	LUPINUS 1ASTER 2	15	3				MM	7/17/2011	44.76891672980	-117.72589755900		156.4	Inter-Mountain Basins Big Sagebrush Steppe
1065	7/17-12	7/17-12	S	trimble	ARTTRI 35 ARTRIG 8 Tetradymia 4	HORJUB 3VULPIA 15 FESIDA 30 STIVIR 15	ACHMIL 2 LUPINUS 5	10	3				MM	7/17/2011	44.76625226330	-117.72463007700	7/17-12xx	156.7	Inter-Mountain Basins Big Sagebrush Steppe
1066	7/17-13	7/17-13	S	shrub	SYMALB 15 RIBES 5 ARTRIG 10 ARTTRI 25 TETRADYMIA 5	FESIDA 15 CARGEY 5	LUPINUS 3 ASTER 2 Castilleja 2 ERIOGONUM 2	0	3				MM	7/18/2011	44.76217906340	-117.72197332800		157.0	Columbia Plateau Scabland Shrubland
1067	7/17-14	7/17-14	S	rock rt	FESIDA 30 ARTRIG 20 ARTTRI 35	POASEC 20 VULPIA 15	LUPINUS 5 ACHMIL 2 SPHCOC 1	30	4				MM	7/18/2011	44.76155428000	-117.72095921200		157.1	Inter-Mountain Basins Big Sagebrush Steppe
1068	7/17-14	7/17-14	S	trimble note for last pt take to buffer	FESIDA 30 ARTRIG 20 ARTTRI 35	POASEC 20 VULPIA 15	LUPINUS 5 ACHMIL 2 SPHCOC 1	30	4				MM	7/18/2011	44.76320141340	-117.72258827800		157.0	Inter-Mountain Basins Big Sagebrush Steppe
1069	7/17-15	7/17-15A	N	enonne at ridge	ARTRIG 35 ARTTRI 20	STIVIR 20 FESIDA 30	WEEDY ANNUAL FORBS 10 ACHMIL 1 LUPINUS 2 Castilleja 5	5	3			PL C	MM	7/18/2011	44.76422347960	-117.71865941200		156.9	Columbia Plateau Scabland Shrubland
1070	7/18-1	7/18-1	S	2 track rd	ARTTRI 60	POASEC 10 BROTEC 45 BROSTE 5 HORJUB 3	DESPIN 1 TRAGOPOGON 1 WEEDY ANNUAL FORBS 5	5	4				MM	7/18/2011	45.06942353610	-117.86914959100	7/18-1xx	133.3	Inter-Mountain Basins Big Sagebrush Shrubland
1071	7/18-2	7/18-2	N	wheat									MM	7/18/2011	45.09360882210	-117.91702416100		130.4	Cultivated Crops and Irrigated Agriculture
1072	7/18-3	7/18-3	N/A	low grass								LOW WET AREA NE CORNER FIELD	MM	7/18/2011	45.09619243850	-117.91634482700		130.3	North American Arid West Emergent Marsh
1073	7/18-4	7/18-4	N/A	low wet wheat								LOW WET WATERCOURSE IN WHEAT FIELD	MM	7/18/2011	45.09428078910	-117.92046926000		130.1	North American Arid West Emergent Marsh
1074	7/18-5	7/18-5	E	fence down middle cheatgrass	ARTTRI 1	BROTEC 70 SEEDED NON-NATIVE PERENNIAL GRASS 5	LEPPER 5 DESPIN 5 AMSINKIA 15 THISTLE 1 TARWEED 3 RUMEX 1	5	5				MM	7/18/2011	45.09350962150	-117.91095811200		130.6	Introduced Upland Vegetation - Annual and Perennial Grassland
1075	7/18-6	7/18-6	E	fenceline sagebrush	ARTTRI 45	BROTEC 25 POABUL BROJAP 2 POASEC 5	LUPINUS 3 ACHMIL1	30	4				MM	7/18/2011	45.09344285400	-117.90132964700		130.9	Inter-Mountain Basins Big Sagebrush Shrubland
1076	7/18-6	7/18-6	E	rd yellow purple fls	ARTTRI 45	BROTEC 25 POABUL BROJAP 2 POASEC 5	LUPINUS 3 ACHMIL1	30	4				MM	7/18/2011	45.10133873760	-117.91140174400		130.2	Inter-Mountain Basins Big Sagebrush Shrubland
1077	6/18-7	6/18-7	E	evonne no track	ARTTRI 10	VULPIA 25 BROJAP 10 SEEDED NON-NATIVE PERENNIAL GRASS 5	WEEDY ANNUAL FORBS 45	15	5				MM	7/18/2011	45.09876087110	-117.91128021100		130.3	Introduced Upland Vegetation - Annual and Biennial Forbland
1078	7/18-8	7/18-8	E	sagebr 2 track	ARTTRI 15	POASEC 20 BROTEC 20 HORJUB 5	WEEDY ANNUAL FORBS 45	10	5				MM	7/18/2011	45.09832447090	-117.90885941200		130.4	Inter-Mountain Basins Big Sagebrush Steppe
1079	7/18-9	7/18-9	N	trimble	ARTTRI 65	FESIDA 3 STI VIR 5 BROTEC 35 POASEC 8 HORJUB 5	WEEDY ANNUAL FORBS 10 ASTER 10	15	4			ALL ACCESS ROADS EAST AND WEST OF BUFFER SAME PLANT COMMUNITY	MM	7/18/2011	44.81277354160	-117.71678738500	7/18-9xx	153.6	Inter-Mountain Basins Big Sagebrush Shrubland
1080	7/18-10	7/18-10	N/A	sagebr draw								EPHEMERAL STREAM	MM	7/18/2011	44.81600819070	-117.71005308600		153.2	Columbia Basin Foothill Riparian Woodland and Shrubland
1081	7/18-11	7/18-11	N/A	whitetop						CARDRA	10X 20 FT		MM	7/18/2011	44.81988320670	-117.70618236900		152.9	Noxious Weeds
1082	7/18-12	7/18-12	N/A	trimble next to whitetop						CARDRA	FEW PLANTS IN ROAD MUCH LARGER PATCH JUST OUTSIDE ROAD BUFFER		MM	7/18/2011	44.81568334060	-117.70889640300		153.2	Noxious Weeds
1083	7/18-13	7/18-13	E	track in middle	ARTTRI 40	POASEC 20 FESIDA 10 STIVIR 4	ANTENNARIA 2 ASTER 4	10	3				MM	7/18/2011	44.80853149180	-117.71594641900	7/18-13xx	153.8	Inter-Mountain Basins Big Sagebrush Shrubland
1084	7/19-1	7/19-1	NW	rd and sb es	ARTTRI 60 TETRADYMIA 1	BROTEC 30 HORJUB 2 POASEC 3	Lepidium perfoliatum LEPPER 1	10	4				MM	7/19/2011	44.91743718990	-117.78502213600	7/19-1xx	144.6	Inter-Mountain Basins Big Sagebrush Shrubland
1085	7/19-2	7/19-2	N	green agrchr powerline	ARTTRI 40	AGRCHR 30 POASEC 2		15	4				MM	7/19/2011	44.86154127400	-117.74767402000		148.9	Inter-Mountain Basins Big Sagebrush Steppe
1086	7/19-3	7/19-3	N	powerline	ARTTRI 40	AGRCHR 2 STIVIR 10 FESIDA 10 POASEC 15 BROTEC 25 AGRSMI 2	GRINDELIA 1 DESPIN 1	15	4				MM	7/19/2011	44.86418580730	-117.74977015300		148.7	Inter-Mountain Basins Big Sagebrush Steppe
1087	7/19-4	7/19-4	SE	es in distance	ARTTRI 35	FESIDA 30 STIVIR 5 POASEC 10		15	3			SAME PL COMM THIS ACCESS RD	MM	7/19/2011	44.86968325700	-117.75029815200		148.4	Inter-Mountain Basins Big Sagebrush Steppe
1088	7/19-5	7/19-5	S	powerline and rd w es	ARTTRI 40	POASEC 35 AGRCHR 1 STIVIR 1 FESIDA 5	ASTER 1 ARENARIA |	10	3				MM	7/19/2011	44.86169705720	-117.74657912000	7/19-5xx	148.9	Inter-Mountain Basins Big Sagebrush Shrubland
1089	7/19-6	7/19-6	N	trimble by pl						CARDRA	FEW SMALL PLANTS BY POWERLINE POLE		MM	7/19/2011	44.85683585680	-117.73748195600	7/19-6xx	149.5	Inter-Mountain Basins Big Sagebrush Shrubland
1090	7/19-7	7/19-7	S	sb	ARTTRI 30 TETRADYMIA T SYMALB T	FESIDA 50 STIVIR 5 POASEC 3	LUPINUS 1 SENECIO T ASTER T	15	3				MM	7/19/2011	44.78171567780	-117.71804160800		155.7	Inter-Mountain Basins Big Sagebrush Steppe
1091	7/19-8	7/19-8	NO PHOTO		ARTTRI 45	FESIDA 10 POASEC 8 BROTEC 15 HORJUB 3 BROJAP 20	ALLIUM T LUPINUS 1	20	4				MM	7/19/2011	44.68529892900	-117.65252875400		164.1	Inter-Mountain Basins Big Sagebrush Steppe
1092	7/19-9	7/19-9	N	sb and fesida	ARTTRI 35 ARTARB 4 CHRVIC 1 TETRADYMIA T	FESIDA 45 AGRSPI 5 BROJAP T BROTEC T	LUPIN 1 ARENARIA T	5	3				MM	7/19/2011	44.69413349410	-117.64176398800		164.4	Inter-Mountain Basins Big Sagebrush Steppe
1093	7/19-10	7/19-10	S	sparse sb seeded grass es in back	ARTTRI 20	SEEDED NON-NATIVE PERENNIAL GRASS 70 POABUL 15 BROJAP 3	ACHMIL T	20	4			WEST HALH OF LAYDOWN YARD THIS PLANT COMMUNITY	MM	7/20/2011	44.67907509180	-117.60556636400		166.4	Inter-Mountain Basins Big Sagebrush Steppe
1094	7/19-11	7/19-11	SE	power line 3 pole	ARTTRI 35	POABUL 5 BROJAP 15 POASEC 10	WEEDY ANNUAL FORBS 10	35	4				MM	7/20/2011	44.67907660850	-117.60548449800		166.4	Inter-Mountain Basins Big Sagebrush Shrubland
1095	7/19-12	7/19-12	NA	corral						CARDRA	2 ACRES	ADJACENT TO CORRAL SHORT QCCESS ROAD ALSO CARDRA	MM	7/20/2011	44.67947432510	-117.60484416400		166.5	Noxious Weeds
1096	7/20-1	7/20-1	N	stick rd and es	ARTTRI 40 CHRVIC 20	AGRCHR 20 BROTEC 2 POASEC 15	ASTER 5 ACHMIL 1	20	4				MM	7/20/2011	44.69450026500	-117.68694429600		162.3	Inter-Mountain Basins Big Sagebrush Shrubland
1097	7/20-2	7/20-2	N/A	paper								EPHEMERAL STREAM	MM	7/20/2011	44.69529021500	-117.68757471300		162.2	Columbia Basin Foothill Riparian Woodland and Shrubland
1098	7/20-3	7/20-3	E		ARTTRI 45 CHRVIC 3	BROTEC 20 LEYTRI 1 POASEC 10 BROSTE 5 VULPIA 1	DESPIN T LUPIN 2	10	4	CARDRA	FEW PLANTS NEAR GATE AT START OF ACESS ROAD		MM	7/20/2011	44.67937752870	-117.64483339000		164.6	Inter-Mountain Basins Big Sagebrush Shrubland
1099	7/20-4	7/20-4	N/A									EPHEMERAL STREAM, ROAD PARALLELS DRAINAGE	MM	7/20/2011	44.67965702790	-117.63646425800		165.0	Columbia Basin Foothill Riparian Woodland and Shrubland
1100	7/20-5	7/20-5	N/A	boards						CARDRA	2 ACRES, ADJACENT TO CORRAL		MM	7/20/2011	44.68460641070	-117.63414387400		165.0	Noxious Weeds
1101	7/20-8	7/20-8	E	trimble delete nextpoint	ARTTRI 50 CHRVIC 1	BROJAP 15 POASEC 20 FESIDA 15	LUPIN ALLIUM	10	4				MM	7/20/2011	44.68410236060	-117.63232735800		165.1	Inter-Mountain Basins Big Sagebrush Steppe
1102													MM	7/20/2011	44.68417016050	-117.63124372500		165.1	UNKNOWN
1103	7/20-11	7/20-11	N/A	paper, note make corral cardra 2 acres						CARDRA	SCATTERED PLANTS IN LOW AREAS		MM	7/20/2011	44.68502424280	-117.62148672700	7/20-11xx	165.6	Inter-Mountain Basins Big Sagebrush Shrubland
1104	7/20-12	7/20-12	W	road pole	ARTRIG 8 ARTTRI 5	BROJAP 20 FESIDA 30	WEEDY ANNUAL FORBS	20	4				MM	7/20/2011	44.68011512520	-117.60683923100	7/20-12xx	166.4	Inter-Mountain Basins Big Sagebrush Steppe
1105	7/20-13	7/20-13	N/A	small cardra pls						CARDRA	FEWSMALL PLANTS BY GATE		MM	7/20/2011	44.68026547530	-117.60827868000		166.3	Noxious Weeds
1106	7/20-13	7/20-13	N/A	hpuse		DESPIN 3 CARDRA 35 THISTLE 3 OTHER WEEDY FORBS 15	BROTEC 5 switch	50	5	CARDRA	FEWSMALL PLANTS BY GATE		MM	7/20/2011	44.68345009100	-117.60149598100		166.6	Pasture/Hay
1107	7/20-16	7/20-16	N/A	cows						CARDRA	5 ACRES	THROUGHT BOTTOM AREA	MM	7/20/2011	44.68230954090	-117.60032699800		166.7	Noxious Weeds
1108	7/20-17	7/20-17	N/A	gate						CARDRA	3 ACRE		MM	7/20/2011	44.68091217400	-117.59663401500		166.8	Noxious Weeds
1109	7/20-18	7/20-18	N/A	up dry cyn								EPHEMERAL STREAM	MM	7/20/2011	44.68129520730	-117.59615076500		166.9	Columbia Basin Foothill Riparian Woodland and Shrubland

OBJECTID	ID	PH_NUM	DIR	TREE	SHRUB	HERB	FORB	BG	HAB_QAL	NOX	SIZE	NOTES	NAME	DATE_	Lat	Long	CoverSheet	MilePost	EcoSys_Rev
1110	7/20-19	7/20-19	S	sb	POASEC 20 BROJAP 25	ARTTRI 50 CHRVIC 10	ACHMIL 1 ASTER 2	25	5			THIS PART OF ACCESS ROAD SOUTH IS THIS PLANT COMMUNITY	MM	7/20/2011	44.68158789060	-117.59554478200		166.9	Inter-Mountain Basins Big Sagebrush Shrubland
1111	7/20-20	7/20-20	S	open front then sb back	ARTTRI 20 CHRNAU 3	POABUL 20 BROJAP 25 POASEC 20 FESIDA 8	ASTER 2	15	4				MM	7/20/2011	44.68299934020	-117.59224888300		167.0	Inter-Mountain Basins Big Sagebrush Steppe
1112	7/20-21	7/20-21	S	do cover sheet		BROJAP 35 BROTEC 35 TEACAP 10 AGRSPI 1 AGRCHR 2	WEEDY ANNUAL FORBS 15	15 rock 5	5	CARDRA AND TEACAP	SCATTERED THROUGHOUT	ACCESS ROAD TO NORTH SAME PLANT COMMUNITY	MM	7/20/2011	44.67833542370	-117.59054723400	7/20-21xx	167.2	Introduced Upland Vegetation - Annual and Perennial Grassland
1113	7/20-22	7/20-22	SE	sb balsag	ARTTRI 55	FESIDA 15 BROJAP 15 BROTEC 10 POQBUL 10	ASTRGALUS 1 BALSAG T	10	4				MM	7/20/2011	44.67402899010	-117.58497175200		167.6	Inter-Mountain Basins Big Sagebrush Shrubland
1114	7/20-22	7/20-22	SE	rd left pole note for ptev take sb steppe to end of access rd	ARTTRI 55	FESIDA 15 BROJAP 15 BROTEC 10 POQBUL 10	ASTRGALUS 1 BALSAG T	10	4			SAME PLANT COMMUNITY ON ALL ACCESS ROADS EXCEPT THE ONE THAT FOLLOWS DRAINAGE	MM	7/20/2011	44.70604711720	-117.72080710500		13.5	Inter-Mountain Basins Big Sagebrush Shrubland
1115	7/20-23	7/20-23	N/A	fence back						CARDRA	1.5 ACRE		MM	7/20/2011	44.71195795030	-117.72254293700		13.2	Introduced Upland Vegetation - Annual and Biennial Forbland
1116	7/20-24	7/20-24	N/A	tire tracks						CARDRA ALSO PRESENT	1/4 ACRE	LoW AREA IN EPHEMERAL STREAM DRAINAGE	MM	7/20/2011	44.71643279930	-117.71604092000		160.2	North American Arid West Emergent Marsh
1117	7/20-26	7/20-26	E	2 track trimble	ARTTRI 60 CHRVIC 10	AGRCHR 20 BROTEC 25 POASEC 10	ACHMIL T	5	4				MM	7/20/2011	44.71237421660	-117.71969637000		13.4	Inter-Mountain Basins Big Sagebrush Shrubland
1118	7/20-27	7/20-27	N/A	lupine								LOW AREA IN IN DRAINAGE. NOTE: ACCESS ROAD CONTINUES UP DRAINAGE AND WETLANDS ARE THROUGHOUT	MM	7/20/2011	44.71232096650	-117.71890733700		13.4	North American Arid West Emergent Marsh
1119	7/20-28	7/20-28	N/A	caedra on trail						CARDRA	FEW PLANTS ALONG COW TRAIL		MM	7/20/2011	44.71267626620	-117.71559293800		160.5	Introduced Upland Vegetation - Annual and Biennial Forbland
1120	7/20-29	7/20-29	N/A	barrel						CARDRA	3/4 ACRE	LOW AREA IN DRAINAGE	MM	7/20/2011	44.71250211640	-117.71697048700		13.5	North American Arid West Emergent Marsh
1121	7/20-29	7/20-29	N/A	culvert						CARDRA	3/4 ACRE	CHANNEL CROSSING	MM	7/21/2011	44.65512482410	-117.57786584000		168.8	Noxious Weeds
1122	7/20-30	7/20-30A	N/A									CHANNEL CROSSING	MM	7/21/2011	44.65516267410	-117.57782245600		168.8	Other Waters
1123	7/20-31	7/20-31	N/A	cardra						CARDRA	1/2 ACRE	AROUND EPHEMERAL STREAMnote add ES to last data point	MM	7/21/2011	44.65513970740	-117.57771002300		168.8	Noxious Weeds
1124	7/20-33	7/20-33	SE	2 track	ARTTRI 10 CHRNAU 2	AGRCHR 30 AGRSMI 40		5	5	CARDRA	CONTINUES ALONG ROAD		MM	7/21/2011	44.65508580740	-117.57762717300		168.8	Inter-Mountain Basins Big Sagebrush Steppe
1125	7/20-34	7/20-34	NE	JUNIPER 5	CHRNAU 3 ARTTRI 10	BROTEC 25	THISTLE 15 CARDRA 35	5	5	CARDRA	THICK ALONG ROAD		MM	7/21/2011	44.65461139060	-117.57612062400		168.8	Inter-Mountain Basins Big Sagebrush Shrubland
1126	7/20-35	7/20-35	N/A	log creek								PERENNIAL STREAM ROAD PARALLELS STREAM SO WETLANDS ARE THROUGHOUT	MM	7/21/2011	44.65542910710	-117.57501615700		168.8	North American Arid West Emergent Marsh
1127	7/20-38	7/20-38	N/A	meadow								WET MEADOW	MM	7/21/2011	44.66706917300	-117.57574558800		168.3	North American Arid West Emergent Marsh
1128	7/20-39	7/20-39	NE	sb	ARTTRI 45 CHRVIC 5	POASEC 10 STIVIR 5 FESIDA 20 BROTEC 5 AGRCHR 5	LUPINUS 1 ERIOGONUM 1 ACHMIL 1						MM	7/21/2011	44.66853875590	-117.57217368900		168.3	Inter-Mountain Basins Big Sagebrush Shrubland
1129	7/20-40	7/20-40	S	sb and poasc	ARTTRI 45 CHRVIC 2	POASEC 15 AGRPI 2 BROJAP 25	BALSAG T	10	4				MM	7/21/2011	44.66904663890	-117.56738112300		168.5	Inter-Mountain Basins Big Sagebrush Shrubland
1130	0621-01 EPHEMERAL	0621-01 EPHEMERAL										EPHEMERAL STREAM	RS	6/21/2011	43.67253595710	-117.13267082500		264.5	Columbia Basin Foothill Riparian Woodland and Shrubland
1131	062111-01	062111-01	E		ARTTRI 1, SARVER 1, TEGL 1	AGCR 20, BRTE 20, POSE 2	LEPE2 5, ERCI6 2, LILY .5	20	4			GRAZING	RS	6/21/2011	43.67423693750	-117.12795724100		264.5	Introduced Upland Vegetation - Annual and Perennial Grassland
1132	062111-02	062111-02	S		ARTTRI 1, SARVER 1	AGCR 20, BRTE 20, POSE 2	BASA3 2, PHHO 2, LILY .5	35	4			GRAZING	RS	6/29/2011	43.67658175500	-117.12446065600		264.4	Introduced Upland Vegetation - Annual and Perennial Grassland
1133	0621-02 EPHEMERAL	0621-02 EPHEMERAL										EPHEMERAL STREAM	RS	6/21/2011	43.67734052130	-117.13113130800		264.2	Columbia Basin Foothill Riparian Woodland and Shrubland
1134	0621-03 EPHEMERAL	0621-03 EPHEMERAL										EPHEMERAL STREAM	RS	6/21/2011	43.67972114580	-117.13200813200		264.0	Columbia Basin Foothill Riparian Woodland and Shrubland
1135	0621-04 EPHEMERAL	0621-04 EPHEMERAL											RS	6/21/2011	43.68093151340	-117.13264376500		264.0	Columbia Basin Foothill Riparian Woodland and Shrubland
1136	062111-03	062111-03	S		ARTTRI 1, SARVER 1	AGCR 20, BRTE 20, POSE 1	BASA3 1, PHHO 2, LILY 1	25	4			GRAZING	RS	6/21/2011	43.68151906870	-117.13270436400	062111-03rs	263.9	Columbia Plateau Steppe and Grassland
1137										SCOTCH THSTLE	< .1 acre		RS	6/21/2011	43.68301555810	-117.13246811500		263.8	Noxious Weeds
1138	062111-04	062111-04	N		SARVER 20, ARTTRI 5	BRTE 25, POSE 2, SIHY 1	PHHO 3, LILY .5	25	4			GRAZING	6/21/2011	6/29/2011	43.66224261760	-117.11570143400	062111-04rs	265.4	Inter-Mountain Basins Big Sagebrush Steppe
1139	062111-05	062111-05	W		ARTTRI 25, SARVER 3	BRTE 35, POSE 2, SIHY 2	PHHO 3, DESO2 2, SPHAE 1	25	4			GRAZING	6/21/2011	6/29/2011	43.66066544080	-117.11629326200		265.5	Inter-Mountain Basins Big Sagebrush Steppe
1140	ROCK OUTCROP												RS	6/21/2011	43.65952499950	-117.10886852300		265.8	Inter-Mountain Basins Cliff and Canyon
1141	062111-06	062111-06	W		ARTTRI 20, SARVER 3, CHIVL4 2	BRTE 30, POSE 2, SIHY 1	DESO2 3, SPHAE 2,	25	4			GRAZING	RS	6/21/2011	43.65503060000	-117.10390966200		266.2	Inter-Mountain Basins Big Sagebrush Steppe
1142										CADR	ALONG ROADSIDE		RS	6/22/2011	44.02667738510	-117.47751554900		231.2	Noxious Weeds
1143										SCOTCH THISTLE	<.1 ACRE		RS	6/22/2011	44.02691053910	-117.47763537600		231.2	Noxious Weeds
1144	062211-01	062211-01	W		ARTTRI 25, SARVER 1	TEGL 25, POBU 15, SIHY 4	DESO2 2, AMLY 2,	20	4	CADR	PRESENT ALONG ROADSIDE	GRAZING	RS	6/22/2011	44.03019311930	-117.48025055500	062211-01rs	231.0	Inter-Mountain Basins Big Sagebrush Steppe
1145	062211-02	062211-02	W		ARTTRI 20, SARVER 3	BRTE 25, POBU 10, SIHY 5	LEPE2 5, DESO2 2, TRADUB 2		4	CADR	PRESENT ALONG ROADSIDE		RS	6/22/2011	44.05870216190	-117.47447847200		229.0	Inter-Mountain Basins Big Sagebrush Steppe
1146	0622-01 EPHEMERAL	06022-01 EPHEMERAL											RS	6/22/2011	44.05921710120	-117.47427581500		229.0	Columbia Basin Foothill Riparian Woodland and Shrubland
1147	062211-03	062211-03	E		ARTTRI 25, SARVER 2	POBU 15, BRTE 15, PSSP6 5	LEPE2 3, AMLY 3, ALLIUM ACU. 1	25	4			GRAZING	RS	6/22/2011	44.06998970820	-117.47013153000		228.2	Inter-Mountain Basins Big Sagebrush Steppe
1148										CADR	.10 acre		RS	6/22/2011	44.06603237790	-117.46921826200		228.5	Noxious Weeds
1149										CADR, SCOTCH THISTLE	.5 acre		RS	6/22/2011	44.06513941580	-117.46935042800		228.6	Noxious Weeds
1150	062211-04	062211-04	S		ARTTRI 20, SARVER 1	POBU 20, BRTE 15, PSSP6 5	PHHO 3, ALLIUM 2,	35, rk 15	4			GRAZING	RS	6/22/2011	44.06374419190	-117.47391115600		228.7	Inter-Mountain Basins Big Sagebrush Steppe
1151	0622-03A CHANNEL	0622-03A CHANNEL											RS	6/22/2011	44.07996292050	-117.46883538100		227.5	Columbia Basin Foothill Riparian Woodland and Shrubland
1152	0622-03 EPHEMERAL	0622-03 EPHEMERAL											RS	6/22/2011	44.08000476290	-117.46888152000		227.5	Columbia Basin Foothill Riparian Woodland and Shrubland
1153	0622-03B CHANNEL	0622-03B CHANNEL											RS	6/22/2011	44.08006437580	-117.46891841000		227.5	Columbia Basin Foothill Riparian Woodland and Shrubland
1154	062211-05	062211-05	E		ARTTRI 25,	POBU 20, BRTE 25 , SIHY 3	PHHO 5, ALLIUM .5, DESO2 2	30	4			GRAZING	RS	6/22/2011	44.08248813180	-117.47067991900	062211-05rs	227.4	Inter-Mountain Basins Big Sagebrush Steppe
1155	062211-06	062211-06	S		ARTTRI 1, CHIVL4 .5	POBU 30, POSE 2, SIHY 1 BRTE 10	AMLY 3, LUPINE SP 1, ALLIUM .5	20	4			GRAZING	RS	6/29/2011	44.14490505880	-117.50670377200	062211-06rs	222.5	Columbia Plateau Steppe and Grassland
1156	062211-07	062211-07	S		ARTTRI 30	POBU 30, SIHY 3	LUPINE SP 1, AMLY 1	20	4			GRAZING	RS	6/29/2011	44.14538877550	-117.50841226700		222.5	Inter-Mountain Basins Big Sagebrush Steppe
1157	062311-01	062311-01	W		ARTTRI 30	BRTE 30, PSSP6 2, SIHY 1	BASA3 3, LUPINE SP 1, PHHO 1	26	4			GRAZING	RS	6/23/2011	44.21164513730	-117.53580582300	062311-01rs	217.5	Inter-Mountain Basins Big Sagebrush Steppe
1158	062311-02	062311-02	E		ARTTRI 30, CHIVL4 .5	BRTE 35, POSE 2, SIHY 1	PHHO 1, AMLY 1, ALLIUM 1	30	4				RS	6/23/2011	44.23655260730	-117.55762473200		215.5	Inter-Mountain Basins Big Sagebrush Steppe
1159	0623-01A CHANNEL/CANAL	0623-01 CHANNEL/CAN											RS	6/23/2011	44.23529890540	-117.55919198300		215.5	Columbia Basin Foothill Riparian Woodland and Shrubland
1160	0623-01B CHANNEL/CANAL	0623-01 CHANNEL/CANA											RS	6/23/2011	44.23523756120	-117.55928601400		215.5	Columbia Basin Foothill Riparian Woodland and Shrubland
1161	062311-03	062311-03	W		FRINGED SAGEEORT 25, ARTTRI 10	BRTE 30, POBU 3, PSSP6 2	LUPINE SP 2,	30	4			GRAZING	RS	6/23/2011	44.23610593850	-117.57830433300		214.6	Inter-Mountain Basins Big Sagebrush Steppe
1162	0624-01 STREAM/WETLAND	0624-01 STREAM/WETLA											RS	6/29/2011	44.34739839660	-117.35509173000		198.5	Columbia Basin Foothill Riparian Woodland and Shrubland
1163										CADR, SCOTCH THISTLE, TEASEL	> 1 acre		RS	6/29/2011	44.34761815120	-117.35503489900		198.5	Noxious Weeds
1164	0624-02 STREAM/WETLAND	0624-02 STREAM//WETL								CADR, SCOTCH THISTLE		STREAM RUNS PARALLEL WITH ROAD	RS	6/29/2011	44.34627361210	-117.35516063600		198.6	Columbia Basin Foothill Riparian Woodland and Shrubland
1165													RS	6/29/2011	44.34013095460	-117.35574000600		198.9	UNKNOWN
1166	062411-01	062411-01	N	SALIX sp. 5	SARVER 2, CHIVL4 2	POBU 20, BRTE 10, SEDGE SP. 10	CADR 25, ACHMIL 3	3	4	CADR, SCOTCH THISTLE, TEASLE, FIELD BINDWEED	PRESENT ALONG ROADSIDE		RS	6/29/2011	44.34012845720	-117.35573664400		198.9	Columbia Basin Foothill Riparian Woodland and Shrubland
1167	0624-03 INTERMITTENT STREAM	0624-03 INTERMITTENT								CADR	> 1 acre		RS	6/29/2011	44.33640461200	-117.35773629000		199.3	Columbia Basin Foothill Riparian Woodland and Shrubland
1168	0624-04 EPHEMERAL	0624-04 EPHEMERAL								CADR	> 1 acre		RS	6/29/2011	44.33517141950	-117.35725994800		199.3	Columbia Basin Foothill Riparian Woodland and Shrubland

OBJECTID	ID	PH_NUM	DIR	TREE	SHRUB	HERB	FORB	BG	HAB_QAL	NOX	SIZE	NOTES	NAME	DATE_	Lat	Long	CoverSheet	MilePost	EcoSys_Rev
1169	062411-02	062411-02	E		ARTTRI 1	POBU 30, SIHY 1	ALLIUM 10, ACHMIL 3	15	4	CADR	THROUGHOUT SITE	GRAZING	RS	6/29/2011	44.33355191230	-117.35606701500		199.3	Introduced Upland Vegetation - Annual and Perennial Grassland
1170	062411-03	062411-03	S		ARTTRI 25	POBU 20, FESCUE 3, PSSP6 2	LUPINE SP 2, ALLIUM 3, ACHMIL 2	15	4			GRAZING	RS	6/29/2011	44.33346396830	-117.35621018000	062411-03rs	199.3	Inter-Mountain Basins Big Sagebrush Steppe
1171	0624-05 EPHEMERAL	0624-05 EPHEMERAL											RS	6/24/2011	44.32790057340	-117.35538093100		199.5	Columbia Basin Foothill Riparian Woodland and Shrubland
1172										MEDUSAHEAD RYE	> 1acre		RS	6/24/2011	44.32770060890	-117.35472378300		199.5	Noxious Weeds
1173	062411-04	062411-04	N		ARTTRI 15	POBU 15, BRTE 15, MEDUSAHEAD RYE 5	BASA3 5, PHHO 2, LUPINE SP 1	15	4	MEDUSAHEAD RYE	THROUGHOUT	GRAZING	RS	6/24/2011	44.32737009180	-117.35413840800		199.5	Inter-Mountain Basins Big Sagebrush Steppe
1174	0624-SPRING/WETLAND	0624-SPRING/WETLAND	S							TEASLE, CADR, MEDUSAHEAD	THROUGHOUT		RS	6/24/2011	44.32706142030	-117.35904301400		199.7	North American Arid West Emergent Marsh
1175	062411-05	062411-05	S		ARTTRI 15	POBU 20, BRTE 20, PSSP6 2	BASA3 3, LUPINE SP 2, THAR5 10	15	4	CADR, MEDUSAHEAD	THROUGHOUT	GRAZING	RS	6/24/2011	44.32531160510	-117.35915502700		199.8	Inter-Mountain Basins Big Sagebrush Steppe
1176	062411-06	062412-06	S		ARTTRI 1	MEDUSAHEAD 35, POBU 20, BRTE 10	CADR 3, AMLY 2	5	5	MEDUSAHEAD CADR	THROUGHOUT	GRAZING	RS	6/24/2011	44.32698671650	-117.35749524300	062411-06rs	199.6	Introduced Upland Vegetation - Annual and Perennial Grassland
1177	062411-07	062411-07	NE		FRINGED SAGEWORT 15, ARTTRI 5	POBU 10, FESCUE 5, POSE 3	PHHO 3, ALLIUM 2, LUPINE SP 1	25	4			GRAZING	RS	6/24/2011	44.31523866850	-117.38127670200		201.1	Inter-Mountain Basins Big Sagebrush Steppe
1178	WETLAND												RS	6/24/2011	44.33745804820	-117.34011612500		198.5	North American Arid West Emergent Marsh
1179	0624-05 EPHEMERAL	0624-05 EPHEMERAL											RS	6/24/2011	44.33783897500	-117.34093802300		198.5	Columbia Basin Foothill Riparian Woodland and Shrubland
1180										CADR	5 acres		RS	6/24/2011	44.33800005760	-117.34110475900		198.5	Noxious Weeds
1181	0624-06 EPHEMERAL	0624-06 EPHEMERAL											RS	6/24/2011	44.33824557340	-117.34115217500		198.5	Columbia Basin Foothill Riparian Woodland and Shrubland
1182	062411-08	062411-08	NE		ARTTRI 1	POBU 15, BRTE 10, FESCUE 10	LUPINE SP 3, THAR5 10, ACHMIL 2	15	4	CADR MEDUSAHEAD	THROUGHOUT	GRAZING	RS	6/24/2011	44.33902755750	-117.34105909600	062411-08rs	198.4	Columbia Plateau Steppe and Grassland
1183										MEDUSAHEAD	> 1acre		RS	6/25/2011	44.31281232930	-117.38731447600		201.4	Noxious Weeds
1184	062511-01	062511-01			ARTTRI 25	BRTE 25, POBU 5, POSE 3	ERCI6 3, THAR5 10, BASA3 5	20	4	CADR MEDUSAHEAD	THROUGHOUT	GRAZING	RS	6/25/2011	44.31311525180	-117.39050673600	062511-01rs	201.5	Inter-Mountain Basins Big Sagebrush Steppe
1185	ROCK OUTCROP												RS	6/25/2011	44.31402964030	-117.39212692000		201.5	Inter-Mountain Basins Cliff and Canyon
1186	0625-02 STREAM/WETLAND	0625-02 STREAM/WETL											RS	6/25/2011	44.31510233140	-117.39296538800		201.5	Columbia Basin Foothill Riparian Woodland and Shrubland
1187													RS	6/25/2011	44.31347023330	-117.39377338000		201.6	UNKNOWN
1188	ROCK OUTCROP												RS	6/25/2011	44.31147823190	-117.39309191000		201.7	Inter-Mountain Basins Cliff and Canyon
1189	062511-02	062511-02	N		ARTTRI 20,	PSSP6 25, FESCUE 5, BRTE 5	BASA3 5, LUPINE SP 2, THAR5 5	20	5			GRAZING	RS	6/25/2011	44.31110288110	-117.39298637100		201.7	Inter-Mountain Basins Big Sagebrush Steppe
1190	ROCK OUTCROP												RS	6/25/2011	44.31001998930	-117.39255970000		201.7	Inter-Mountain Basins Cliff and Canyon
1191	062511-03	062511-03	W		ARTTRI 5	POBU 15, BRTE 15, PSSP6 5	THAR5 5, BASA3 2, IUPINE SP 1	25	4			GRAZING	RS	6/25/2011	44.30929071650	-117.39295837000		201.8	Introduced Upland Vegetation - Annual and Perennial Grassland
1192	062511-04	062511-04	S		ARTTRI 10	BRTE 15, FESCUE 5, PSSP6 5	THAR5 5, BASA3 2, TRAGOPOGON DUB 1	25	4			GRAZING	RS	6/25/2011	44.30858351860	-117.39585711700	062511-04rs	201.9	Inter-Mountain Basins Big Sagebrush Shrubland
1193										MEDUSAHEAD	2 acre		RS	6/25/2011	44.30835277440	-117.39793123500		202.0	Noxious Weeds
1194	ROCK OUTCROP												RS	6/25/2011	44.30852271520	-117.39848312500		202.0	Inter-Mountain Basins Cliff and Canyon
1195	0625-04 EPHEMERAL	0625-04 EPHEMERAL											RS	6/25/2011	44.30840729960	-117.39964847000		202.1	Columbia Basin Foothill Riparian Woodland and Shrubland
1196	062511-05	062511-05	W		ARTTRI 25	POBU 15, FESCUE 10, BRTE 10	BASA3 2, THAR5 5, ALLIUM 1	25	4			GRAZING	RS	6/25/2011	44.30892316600	-117.40071188400		202.1	Inter-Mountain Basins Big Sagebrush Steppe
1197										FIELD BINDWEED	<.1 acre		RS	6/25/2011	44.30986780170	-117.40589604300		202.3	Noxious Weeds
1198										MEDUSAHEAD	1acre		RS	6/25/2011	44.30978150760	-117.40600687600		202.3	Noxious Weeds
1199	0625-05 EPHEMERAL	0625-05 EPHEMERAL											RS	6/25/2011	44.30958414470	-117.40664914900		202.3	Columbia Basin Foothill Riparian Woodland and Shrubland
1200	0625-06 EPHEMERAL	0625-06 EPHEMERAL											RS	6/25/2011	44.30631389140	-117.40611219800		202.4	Inter-Mountain Basins Big Sagebrush Steppe
1201	062511-06	062511-06	S		ARTTRI 25	FESCUE 10, POBU 10, POSE 5	BASA3 3, ALLIUM 2, LUPINE SP 2	25	3				RS	6/25/2011	44.30309118410	-117.40799710400		202.6	Inter-Mountain Basins Big Sagebrush Steppe
1202	062511-07	062511-07	S		ARTTRI 25	POBU 20, BRTE 10, FESCUE 5	ALLIUM 2, BASA3 2, ACHMIL 1	20	4			GRAZING	RS	6/25/2011	44.30474678850	-117.40342370800		202.4	Inter-Mountain Basins Big Sagebrush Steppe
1203										SCOTCH THISTLE CADR	ALONG ROADSIDE		RS	6/25/2011	44.37389402260	-117.30121369500		195.2	Noxious Weeds
1204										FIELD BINDWEED, SCOTCH THISTLE	ALONG ROADSIDE		RS	6/25/2011	44.37384597540	-117.30389900800		195.1	Noxious Weeds
1205	062511-08	062511-08	W		ARTTRI 25	BRTE 15, POBU 10, SIHY 5	BASA3 2, THAR5 10,	20	4	FIELD BINDWEED	ALONG ROADSIDE	GRAZING	RS	6/25/2011	44.37683292330	-117.30593654900		194.9	Inter-Mountain Basins Big Sagebrush Steppe
1206										CADR, MEDUSAHEAD, SCOTCH THISTLE, FIELD BINDWEED	ALONG ROADSIDE		RS	6/26/2011	44.39971440380	-117.33871429200		192.7	Noxious Weeds
1207	0626-01A CHANNEL CROSSING	0621-01 CHANNEL											RS	6/26/2011	44.39930527110	-117.33929253600		192.8	Other Waters
1208	0626-01B CHANNEL CROSSING	0626-01 CHANNEL CROS											RS	6/26/2011	44.39934535860	-117.33936251300		192.8	Other Waters
1209	062611-01	062611-01	W		ARTTRI 15	POBU 10, MEDUSAHEAD 10, BRTE 10	ERCI6 5, BASA3 1, PHHO 2	20	4	CADR, MEDUSAHEAD, SCOTCH THISTLE, FIELD BINDWEED	ALONG ROADSIDE	GRAZING	RS	6/26/2011	44.40070015380	-117.34112640300	062611-01rs	192.7	Inter-Mountain Basins Big Sagebrush Shrubland
1210	062611-02	062611-02			ARTTRI 1	POBU 20, BRTE 15, SIHY 5	TRAGOPOGON DUB 2, SISYMBRIUM ALT 3, BASA3 1	20	4	CADR, MEDUSAHEAD, SCOTCH THISTLE, FIELD BINDWEED	THROUGHOUT	GRAZING	RS	6/26/2011	44.40376282750	-117.33883954300		192.5	Introduced Upland Vegetation - Annual and Perennial Grassland
1211	062611-03	062611-03	S		ARTTRI 1	POBU 20, BRTE 10, SIHY 1	BASA3 1, TRAGOPOGON DUB 2	20	4	CADR, MEDUSAHEAD, SCOTCH THISTLE, FIELD BINDWEED	THROUGHOUT	GRAZING	RS	6/26/2011	44.40871869060	-117.33423192200		192.1	Introduced Upland Vegetation - Annual and Perennial Grassland
1212	0626-02 EPHEMERAL	0626-02 EPHEMERAL											RS	6/26/2011	44.40885722170	-117.33416524600		192.1	Columbia Basin Foothill Riparian Woodland and Shrubland
1213	0626-03 SPRING	0626-03 SPRING											RS	6/26/2011	44.40981408790	-117.33389557700		192.1	Other Waters
1214	CULVERT												RS	6/26/2011	44.41021503870	-117.33384034000		192.0	Other Waters
1215	062611-04	062611-04	N		ARTTRI 10, SARVER 1	POBU 20, BRTE 10, PSSP6 1	BASA3 1, ACHMIL 1, ERCI6 5	20	4	CADR, MEDUSAHEAD, FIELD BINDWEED	THROUGHOUT	GRAZING	RS	6/26/2011	44.41276917890	-117.33386304000		191.9	Inter-Mountain Basins Big Sagebrush Steppe
1216	0626-04 STREAM	0624-04 STREAM										CULVERT	RS	6/26/2011	44.41361373100	-117.33328101300		191.8	Other Waters
1217	062611-05	062611-05	W		ARTTRI SHRUB 20, SARVER 10	BRTE 25, POBU 10, SIHY 1	SISYMBRIUM ALT 5, ERCI6 5, DESO2 5	25	4	CADR	THROUGHOUT	GRAZING	RS	6/26/2011	44.48159856190	-117.33465560800		2.2	Inter-Mountain Basins Big Sagebrush Steppe
1218	0626-05 STREAM	0626-05 STREAM											RS	6/26/2011	44.48188678120	-117.33398528900		2.2	Columbia Basin Foothill Riparian Woodland and Shrubland
1219	062611-06	062611-06	S		ARTTRI 25,	AGCR 20, BRTE 20, POBU 20	SISYMBRIUM ALT 5, BASA3 1	15	4			GRAZING	RS	6/26/2011	44.50461577750	-117.36267509200		185.0	Inter-Mountain Basins Big Sagebrush Steppe
1220	062611-07	062611-07	N						5			ALFALFA CROPLAND	RS	6/26/2011	44.50201321800	-117.36856412300	062611-07rs	0.1	Cultivated Crops and Irrigated Agriculture
1221	062611-08	062611-08	W		ARTTRI 25, JUNIPER .5	AGCR 15, BRTE 15, POSE 2	PHHO 4, ASTRAG SP 1, THAR5 5	30	4			GRAZING	RS	6/27/2011	44.62172106800	-117.47389731400	062611-08rs	174.2	Inter-Mountain Basins Big Sagebrush Steppe
1222	062711-01	062711-01	N		ARTTRI 25	BRTE 25, FESCUE 3, POBU 10	ERCI6 5, PHHO 2	25	4	FIELD BINDWEED, CADR	THROUGHOUT	GRAZING	RS	6/27/2011	44.56022323470	-117.39784363600		179.7	Inter-Mountain Basins Big Sagebrush Steppe
1223	0627-01 STREAM	0627-01 STREAM CROSS	E										RS	6/27/2011	44.56118766880	-117.38957406700		180.0	Columbia Basin Foothill Riparian Woodland and Shrubland
1224	062711-02	062711-02	E	COTTONWOOD, JUNIPER,	ARTTRI 25, SARVER 1	BRTE 25, POBU 10, FESCUE 5	SISYMBRIUM ALT 5, ERCI6 5, LEPE2 5	20	4	FIELD BINDWEED, CADR, MEDUSAHEAD, SCOTCH THISTLE	THROUGHOUT	GRAZING	RS	6/27/2011	44.56302579120	-117.38475900400		180.1	Inter-Mountain Basins Big Sagebrush Steppe
1225													RS	6/27/2011	44.56800160280	-117.38080913600		180.1	UNKNOWN
1226	062711-03	062711-03		JUNIPER	ARTTRI 30, SARVER 2	BRTE 25, POBU 15, SIHY 2	ERCI6 10, PATAGONIA PLANTEGO 5, LUPINE SP 1	25	4	FIELD BINDWEED, CADR, MEDUSAHEAD, SCOTCH THISTLE	THROUGHOUT	GRAZING	RS	6/27/2011	44.56798201420	-117.38082787100	062711-03rs	180.1	Inter-Mountain Basins Big Sagebrush Shrubland
1227	062711-04	062711-4	E	JUNIPER	ARTTRI 25	BRTE 25, POBU 10, SIHY 2	LUPINE SP 2, ALLIUM 1, ACHMIL 1	30	4	FIELD BINDWEED, MEDUSAHEAD	THROUGHOUT	GRAZING	RS	6/27/2011	44.56981148230	-117.38696470400		179.8	Inter-Mountain Basins Big Sagebrush Steppe
1228	062711-05	062711-05		JUNIPER .5	ARTTRI 35, SARVER 1	BRTE 25, POBU 5, SIHY 2	LUPINE SP 2, THAR5 5, PHHO 5	25	4			GRAZING	RS	6/27/2011	44.57822247980	-117.38982279800	062711-05rs	179.3	Columbia Plateau Steppe and Grassland
1229	062711-07	062711-07		JUNIPER	ARTTRI 30,	BRTE 25, POBU 15, SIHY 3	PATAGONIA PLANTEGO 15, LUPINE SP 1, ASTRAG SP 1	35	4	MEDUSAHEAD	THROUGHOUT	GRAZING	RS	6/27/2011	44.58180540510	-117.39963461300		178.8	Inter-Mountain Basins Big Sagebrush Steppe
1230	062711-08	062711-08	W	JUNIPER .5	ARTTRI 30	BRTE 25, POBU 15, SIHY 2	PLANTEGO PAT 15, SISYMBRIUM ALT 5, LUPINE SP 1 S	50	4	MEDUSAHEAD	THROUGHOUT	GRAZING	RS	6/27/2011	44.58233635290	-117.41003771700		178.4	Inter-Mountain Basins Big Sagebrush Steppe
1231	062711-09	062711-09	S	JUNIPER	ARTTRI 25, SARVER 1, CHIVL4 1	FESCUE 15, PSSP6 15, POSE 1	PHHO 10, ASTRAG SP 2, LUPINE SP 1	20	3			GRAZING	RS	6/27/2011	44.58374509780	-117.41030910900		178.3	Inter-Mountain Basins Big Sagebrush Steppe
1232	0627-02 EPHEMERAL	0627-02 EPHEMERAL											RS	6/27/2011	44.58604052930	-117.40965771200		178.2	Columbia Basin Foothill Riparian Woodland and Shrubland
1233	062711-10	062711-10		JUNIPER 5	ARTTRI 20, SARVER 4, CHIVL4 2	BRTE 25, FESCUE 10, PSSP6 10	PHHO 5, PLANTEGO PAT 10, ASTRAG SP 2	50	4	CADR	THROUGHOUT	GRAZING	RS	6/27/2011	44.58600224770	-117.40467458800	062711-10rs	178.4	Inter-Mountain Basins Big Sagebrush Steppe

OBJECTID	ID	PH_NUM	DIR	TREE	SHRUB	HERB	FORB	BG	HAB_QAL	NOX	SIZE	NOTES	NAME	DATE_	Lat	Long	CoverSheet	MilePost	EcoSys_Rev
1234	0627-03 EPHEMERAL	0627-03 EPHEMERAL											RS	6/27/2011	44.58165760870	-117.43246728000		177.5	Columbia Basin Foothill Riparian Woodland and Shrubland
1235	062711-11	062711-11		JUNIPER .5	ARTTRI 30, CHIVL4 1	BRTE 30, POBU 5, POSE 2	ASTRAG SP 1, PHHO 1	40	4	MEDUSAHEAD	THROUGHOUT	GRAZING	RS	6/27/2011	44.59293656940	-117.42222438700		177.4	Inter-Mountain Basins Big Sagebrush Steppe
1236	062711-12	062711-12		JUNIPER .5	ARTTRI 30, CHIVL4 1	BRTE 30, POBU 5, POSE 2	LEPE2 2, PHHO 2, ASTRAG SP 1	50	4	MEDUSAHEAD	THROUGHOUT	GRAZING	RS	6/27/2011	44.59131204160	-117.42932759900		177.2	Inter-Mountain Basins Big Sagebrush Steppe
1237	062711-13	062711-13	W	JUNIPER .5	ARTTRI 30, CHIVL4 1	BRTE 35, POBU 5, SIHY 1	LEPE2 3, LUPINE SP 1, SISYMBRIUM ALT 1	40	4	CADR, MEDUSAHEAD	THROUGHOUT	GRAZING	RS	6/27/2011	44.58502024930	-117.42893883400		177.5	Inter-Mountain Basins Big Sagebrush Steppe
1238	0627-04 EPHEMERAL	0627-04 EPHEMERAL											RS	6/27/2011	44.60234399140	-117.43939506200		176.4	Columbia Basin Foothill Riparian Woodland and Shrubland
1239	062711-14	062711-14	W		ARTTRI 25, CHIVL4 1	BRTE 35, POBU 5, FESCUE 10	PLANTEGO PAT 10, ASTRAG SP 1, LUPINE SP 1	40	4	MEDUSAHEAD	THROUGHOUT	GRAZING	RS	6/27/2011	44.60097324740	-117.43704164800		176.5	Inter-Mountain Basins Big Sagebrush Steppe
1240	062711-15	062711-15	S		ARTTRI 1	BRTE 60, MEDUSAHEAD 15, POSE 1	EPILOBIUM SP 1, SUNFLOWER 2, ERCI6 2	20	5	MEDUSAHEAD	THROUGHOUT	GRAZING	RS	6/27/2011	44.59800358170	-117.43231513400		176.8	Introduced Upland Vegetation - Annual and Perennial Grassland
1241	062711-16	062711-16	W			BRTE 60, POBU 10, AGCR 1	DESO2 5, CHTE2 5	15	5	SCOTCH THISTLE	THROUGHOUT	GRAZING	RS	6/27/2011	44.61059969100	-117.44688969200		175.7	Introduced Upland Vegetation - Annual and Perennial Grassland
1242	062811-01	062811-01	E	JUNIPER .5	ARTTRI 25, CHIVL4 1,	BRTE 40, POBU 5, SIHY 2	PLANTEGO PAT. 10, ERIGERON PUM. 1, LUPINE SP 1	35	4	MEDUSAHEAD	THROUGHOUT	GRAZING	RS	6/29/2011	44.63368628140	-117.51602904100	062811-01rs	172.0	Inter-Mountain Basins Big Sagebrush Steppe
1243	062811-02	062811-02	S			BRTE 40, POBU 30	DESO2 15, CADR 5, ERCI6 10	20	5	CADR	THROUGHOUT	GRAZING	RS	6/29/2011	44.64090273860	-117.51475537000		171.8	Introduced Upland Vegetation - Annual and Perennial Grassland
1244	062811-03	062811-03	W	JUNIPER .5	ARTTRI 25, FRINGED SAGEEORT 2, CHIVL4 1	BRTE 15, POBU 15 MEDUSAHEAD 25	ALLIUM 1, PLANTEGO PAT 5,	36	4	MEDUSAHEAD, CADR	THROUGHOUT	GRAZING	RS	6/29/2011	44.64063919910	-117.51789126900		171.7	Inter-Mountain Basins Big Sagebrush Steppe
1245	062811-04	062811-04	S	JUNIPER .5	ARTTRI 25, CHIVL4 3, FRINGED SAGEEORT 1	POBU 15, FESCUE 10, BROMUS BRIZAEFORMIS	PLANTEGO PAT. 10, ASTRAG SP 1, ERIGERON PUM 2	35	4	MEDUSAHEAD	THROUGHOUT	GRAZING	RS	6/28/2011	44.64370138530	-117.53095483000		171.0	Inter-Mountain Basins Big Sagebrush Steppe
1246	062811-05	062811-05	E	JUNIPER .5	ARTTRI 25, CHIVL4 2,	POBU 20, BROMUS BRI. 10, SIHY 1	PLANTEGO PAT. 10, LUPINE SP 1, THAR5 5	35	4	CADR, MEDUSAHEAD	THROUGHOUT	GRAZING	RS	6/28/2011	44.65121960800	-117.54703033300		170.1	Inter-Mountain Basins Big Sagebrush Steppe
1247	WETLAND-01												RS	6/28/2011	44.65356101930	-117.54678889900		170.0	North American Arid West Emergent Marsh
1248	062811-06	062811-06	N		ARTTRI 25, CHIVL4 3, FRINGED SAGEWORT 3	POBU 20, BROMUS BRI 10, BLUESTEM 3	PLANTEGO PAT. 15, BASA3 2, LUPINE SP 1	35	4	CADR	THROUGHOUT	GRAZING	RS	6/28/2011	44.65404456970	-117.54120265500		170.2	Inter-Mountain Basins Big Sagebrush Steppe
1249	062811-07	062811-07	W		ARTTRI 25, CHIVL4 3	PSSP6 10, FESCUE 10, POBU 10	PHHO 5, BASA3 2, LUPINE SP 2	50	3			GRAZING	RS	6/28/2011	44.64848866970	-117.53193377600		170.8	Inter-Mountain Basins Big Sagebrush Steppe
1250	062811-08	062811-08	W		ARTTRI 25, CHIVL4 3	BRTE 20, POBU 10, FESCUE 10	BASA3 3, LUPINE SP 2, ERIGERON 1	45	4			GRAZING	RS	6/28/2011	44.65176686530	-117.54009695400		170.4	Inter-Mountain Basins Big Sagebrush Steppe
1251	062811-09	062811-09	W		ARTTRI 25, FRINGED SAGEEORT 2, CHIVL4 2	POBU 10, BRTE 10, FESCUE 5	BASA3 2, LUPINE SP. 2, ERIGERON 1	40	4	CADR	ALONG ROADSIDE	GRAZING	RS	6/28/2011	44.65830772110	-117.55057270300	062811-09rs	169.7	Inter-Mountain Basins Big Sagebrush Steppe
1252	062911-01	062911-01			ARTTRI 25, CHIVL4 2	BRTE 25, POBU 10, AGCR 3	THAR5 5, PLANTEGO PAT. 5, LUPINE SP 1	35	4	CADR	THROUGHOUT	GRAZING	RS	6/29/2011	44.49331572130	-117.35550472000		185.9	Inter-Mountain Basins Big Sagebrush Steppe
1253	062911-02	062911-02	E	JUNIPER .5	ARTTRI 30, CHIVL4 1	BROMUS BRI. 15, POBU 15, AGCR 10	LUPINE SP 1, ERIGERON 1	20	4	MEDUSAHEAD, CADR		GRAZING	RS	6/29/2011	44.49425592370	-117.35951784600		185.8	Inter-Mountain Basins Big Sagebrush Steppe
1254	062911-03	062911-03	E		ARTTRI 30, CHIVL4 2	BRTE 20, POBU 15, AGCR 5	SPHAE 1, ERCI6 5, BASA3 1	35	4	CADR MEDUSAHEAD	THROUGHOUT	GRAZING	RS	6/29/2011	44.49715905730	-117.36085915900		185.5	Inter-Mountain Basins Big Sagebrush Steppe
1255	004	0613	N		ARTTRI 1	PSESPI30,POASEC30	PHLHOO1	50	3			BSDLAND TUFF THROUGHOUT	TJ	6/1/2011	43.67700150840	-117.12671949800	004tj	264.3	Columbia Plateau Steppe and Grassland
1256	65-1	001	N		ARTTRI 35	BROTEC 30 POASEC15 POABUL10 ELECIN1 AGRCRI1	AGOGLA1 TAROFF1	20	4				TJ	6/5/2011	44.16557257480	-117.51035857400	65-1xx	221.1	Inter-Mountain Basins Big Sagebrush Steppe
1257	65-2	0006	N		ARTTRI 15 CHRNAU 1	POASEC15 AGRCRI 10 POABUL10 ELECIN1	LUPINESP 1 COMP1 ASTRAG 1 ALIACU1	50	4				TJ	6/5/2011	44.16790423280	-117.51026695200		220.9	Inter-Mountain Basins Big Sagebrush Steppe
1258	65-3	0007	E									EPHEM	TJ	6/5/2011	44.17177985260	-117.51033433100		220.6	Columbia Basin Foothill Riparian Woodland and Shrubland
1259	65-4	0008	W									EPHEM	TJ	6/5/2011	44.17453148460	-117.51007858500		220.5	Columbia Basin Foothill Riparian Woodland and Shrubland
1260	65-5	NA								TAECAP	.01AC		TJ	6/5/2011	44.17453818710	-117.51009104900		220.5	Noxious Weeds
1261	65-6	0009	N		ARTTRI 15 PERRAM1	BROTEC 20 POABUL10 POASEC 10	LUPSUL20	10 LT20	3				TJ	6/5/2011	44.17781869260	-117.51050359600		220.2	Inter-Mountain Basins Big Sagebrush Steppe
1262	65-7	0010	N		ARTTRI 20	BROTEC 30 POASEC 30	LUPSUL1	30	4				TJ	6/5/2011	44.17880590480	-117.51024261800		220.2	Inter-Mountain Basins Big Sagebrush Steppe
1263	65-8	0012	E									EPHEM	TJ	6/5/2011	44.18089982310	-117.51028706200		220.0	Columbia Basin Foothill Riparian Woodland and Shrubland
1264	65-9	0011	N		ARTTRI 10 CHRNAU 1	BROTEC 60 AGRCRI 20	AMSINCHIA1	20	5			GRAZING	TJ	6/5/2011	44.18009389540	-117.51024021500		220.1	Inter-Mountain Basins Big Sagebrush Steppe
1265	65-10	0013	N		ARTTRI 1 CHRNAU 1 CHRVIS1	BROTEC 70 POASEC 1	LATSER1 EROCIC1 DESSP1 AMSINCHIA1 BALSAG1	10 LT20 RK1	5	TAECAP	.01	FIRE	TJ	6/5/2011	44.18280292740	-117.51025402800	65-10xx	219.9	Introduced Upland Vegetation - Annual and Perennial Grassland
1266	65-11	NA								CARDRA	.01AC		TJ	6/5/2011	44.18682116270	-117.50982230400		219.6	Noxious Weeds
1267	65-12	0014	NE									EPHEM	TJ	6/5/2011	44.18714361730	-117.51032119900		219.6	Columbia Basin Foothill Riparian Woodland and Shrubland
1268	65-13	0015	NE									EPHEM	TJ	6/5/2011	44.18810800280	-117.51085499600		219.5	Columbia Basin Foothill Riparian Woodland and Shrubland
1269	65-14	NA								TAECAP	.5		TJ	6/5/2011	44.18871623040	-117.51137947900		219.5	Noxious Weeds
1270	65-15	0016	NW		ARTTRI 15	BROTEC 40 POASEC30	DELBIC1 BALSAG1 LUPINESP 1	40	4				TJ	6/5/2011	44.19206382720	-117.51437834700		219.2	Inter-Mountain Basins Big Sagebrush Steppe
1271	65-16	0021	NW		ARTBOL1 PURTRI 5 ARTTRI 10 PERAM5	SELENDERWHEAT? 10 BROTEC 10	BALSAG5	70	3				TJ	6/5/2011	44.19505893070	-117.51709807800		218.9	Inter-Mountain Basins Big Sagebrush Steppe
1272	65-17	0024	NW		ARTTRI 20 PERRAM1	POASEC30 SITVIR5	ALIACU1 BALSAG5 LUPINESP 5	30 LT10 MOSS5	3				TJ	6/5/2011	44.19636196250	-117.51835381900	65-17xx	218.8	Inter-Mountain Basins Big Sagebrush Steppe
1273	65-18	0025	NW		ARTTRI 20 PERRAM1	POASEC30 SITVIR5 BROTEC 30	ALIACU1 BALSAG5 LUPINESP 5	30	4				TJ	6/5/2011	44.19781485700	-117.51977032700		218.7	Inter-Mountain Basins Big Sagebrush Steppe
1274	65-20	NA								CARDRA	1AC		TJ	6/5/2011	44.30960234870	-117.39025005600		201.6	Noxious Weeds
1275	65-21	0030	E		ARTTRI 5 CHRNAU 1	POABUL10 PSESPI5 BROTEC 10	BALSAG1 LUPINESP	20 RK5 LT10	4				TJ	6/5/2011	44.30938931080	-117.39012328200		201.6	Inter-Mountain Basins Big Sagebrush Steppe
1276	65-22	0031	E		ARTTRI 1	PSESPI40	SENECIO SP 1 BRODOU1 LUPSUL20 BALSAG15	15	3				TJ	6/5/2011	44.30965226030	-117.38888659100		201.6	Inter-Mountain Basins Big Sagebrush Steppe
1277	65-23	0032	W		ARTTRI 5	FESIDA10 PSESPI30 POABUL20	LOMNAD1 LUPSUL5 BALSAG5	15	3				TJ	6/5/2011	44.30985670010	-117.38804897000		201.5	Inter-Mountain Basins Big Sagebrush Steppe
1278	65-24	NA								CARDRA	1AC		TJ	6/5/2011	44.31149902490	-117.38519099300		201.4	Noxious Weeds
1279	65-25	0034	E		ARTRID10 ARTTRI 1	POABUL20 PSESPI30	BALROS1 LOMNAD1 LUPSUL5 BALSAG5	30 RK20	4				TJ	6/5/2011	44.31224109160	-117.38400602200	65-25xx	201.3	Inter-Mountain Basins Big Sagebrush Steppe
1280	65-26	NA								TAECAP	.1AC		TJ	6/5/2011	44.31265709780	-117.38321246400		201.2	Noxious Weeds
1281	65-27	0035	E		ARTTRI 1	POABUL30 PSESPI10	BALSAG5 LUPSUL1	20	4				TJ	6/5/2011	44.31323261290	-117.38195520700		201.2	Inter-Mountain Basins Big Sagebrush Steppe
1282	65-28	0036	E		ARTRID15	BROTEC 5 POABUL20 POASEC10	TRIMAC1 BALROSS1 LOMNAD1	20 RK30	4				TJ	6/5/2011	44.31346499150	-117.37984082600		201.1	Columbia Plateau Low Sagebrush Steppe
1283	65-29	0037	E		ARTTRI 5	POABUL20 PSESPI30	TRIMAC10 BALSAG5 LUPSUL5	20	4				TJ	6/5/2011	44.31507526140	-117.37703987900		200.9	Inter-Mountain Basins Big Sagebrush Steppe
1284	65-30	NA								CARDRA	.1AC		TJ	6/5/2011	44.31507382810	-117.37704042100		200.9	Noxious Weeds
1285	65-31	0038	E		ARTRID10	POABUL30 POASEC10 PSESPI5	BALSAG1 SENECIO1	20 RK30	4				TJ	6/5/2011	44.31648257120	-117.37479175500		200.7	Columbia Plateau Low Sagebrush Steppe
1286	65-32	0040	E		ARTTRI 5	POABUL30 POASEC25 LUPSUL1 BRODOU 1	BALSAG1	20	4				TJ	6/5/2011	44.31759393280	-117.37245148800		200.6	Inter-Mountain Basins Big Sagebrush Steppe
1287	65-33	0041	E		ARTTRI 1	PSESPI50 POABUL20	BALSAG5 LUPSUL1	20	3				TJ	6/5/2011	44.31906874770	-117.36934769000		200.4	Inter-Mountain Basins Big Sagebrush Steppe
1288	65-34	0042,0043										WETLAND	TJ	6/5/2011	44.31909839290	-117.36858755700		200.4	North American Arid West Emergent Marsh
1289	65-35	NA								CARDRA	1AC		TJ	6/5/2011	44.31905343540	-117.36892161600		200.4	Noxious Weeds
1290	65-36	0044										EPHEM	TJ	6/5/2011	44.31983576920	-117.36795488800		200.3	Columbia Basin Foothill Riparian Woodland and Shrubland
1291	65-37	0047	E		ARTTRI 10	FESIDA1 PSESPI50 POABUL30	BALSAG5 LUPSUL5	30	3				TJ	6/5/2011	44.32057699190	-117.36586735200		200.2	Inter-Mountain Basins Big Sagebrush Steppe
1292	65-38	NA								CARDRA	1AC		TJ	6/5/2011	44.32176296390	-117.36384754300		200.1	Noxious Weeds
1293	65-39	0049	S										TJ	6/5/2011	44.32159795770	-117.36343830800		200.1	UNKNOWN
1294	65-40	NA								CARDRA	2AC		TJ	6/5/2011	44.32239110970	-117.36231568100		200.0	Noxious Weeds
1295	65-41	NA								CARDRA	.5AC		TJ	6/5/2011	44.32253006630	-117.36098827900		199.9	Noxious Weeds
1296	65-42	0053			ARTTRI 10 PURTRI1	FESIDA1 POABUL30 PSESPI1 POASPE30	BALSAG5 LUPSUL5	20	4				TJ	6/5/2011	44.32329562090	-117.36025595400		199.9	Inter-Mountain Basins Big Sagebrush Steppe
1297	65-43	NA								CARDRA	5AC		TJ	6/5/2011	44.32528157400	-117.35664526800		199.7	Noxious Weeds

OBJECTID	ID	PH_NUM	DIR	TREE	SHRUB	HERB	FORB	BG	HAB_QAL	NOX	SIZE	NOTES	NAME	DATE_	Lat	Long	CoverSheet	MilePost	EcoSys_Rev
1298	65-44	0046	S									INTERMITTENT	TJ	6/5/2011	44.32535894970	-117.35642526400		199.6	Columbia Basin Foothill Riparian Woodland and Shrubland
1299	65-45	NA								TAECAP	.5AC		TJ	6/5/2011	44.32579044960	-117.35555574000		199.6	Noxious Weeds
1300	66-1	0004	SE									EPHEM	TJ	6/6/2011	44.20104096920	-117.52264208400		218.4	Columbia Basin Foothill Riparian Woodland and Shrubland
1301	66-2	NA								CARDRA	.1		TJ	6/6/2011	44.20224381640	-117.52383172600		218.3	Noxious Weeds
1302	66-3	009	NW		ARTBOL1PERRAM1 ARTTRI 10 PURTRI5	BROTEC 15	BROOMRAPE1 BALSAG1 ERIGERON5	70	3			RARE PLANT	TJ	6/6/2011	44.20335567560	-117.52472618600		218.3	Inter-Mountain Basins Big Sagebrush Steppe
1303	66-4	0011	NW		CHRVIS1 ARTTRI 20 PERRAM1	BROTEC 30 POASEC25	BALSAG5 LUPINESP 5	40 LT10 RK1	4				TJ	6/6/2011	44.20569834450	-117.52709263200		218.1	Inter-Mountain Basins Big Sagebrush Steppe
1304	66-6	0017	NW		ARTTRI 10 PERRAM1	ORYHYM1 POASEC10 ELECIN1 BROTEC 15	BALSAG5	50	4				TJ	6/6/2011	44.21056216000	-117.53159207000		217.6	Inter-Mountain Basins Big Sagebrush Steppe
1305	66-7	0018	S									EPHEM	TJ	6/6/2011	44.21187416100	-117.53340810800		217.5	Columbia Basin Foothill Riparian Woodland and Shrubland
1306	66-8	0019	NW		ARTTRI 20 PURTRI 1	PSESPI1 BROTEC20 STIVIR20	BALSAG5 LUPINESP 1	30	3				TJ	6/6/2011	44.21262399730	-117.53351316200		217.5	Inter-Mountain Basins Big Sagebrush Steppe
1307	66-9	0021	E									EPHEM	TJ	6/6/2011	44.21343245590	-117.53420112400		217.4	Columbia Basin Foothill Riparian Woodland and Shrubland
1308	66-10	0023										SEE LAST SCRB	TJ	6/6/2011	44.21436368470	-117.53559584900		217.3	UNKNOWN
1309	66-11	0024	NW		ARTTRI 25	SITHYS1 PSESPI1 POASEC30 STIVIR10 BROTEC 30	COLLIN1LUPSUL5 BALSAG5	40 LT10 MOSS10	4				TJ	6/6/2011	44.21509351170	-117.53578046100	66-11xx	217.3	Inter-Mountain Basins Big Sagebrush Steppe
1310	66-12	0025	E									EPHEM	TJ	6/6/2011	44.21730874570	-117.53824600500		217.1	Columbia Basin Foothill Riparian Woodland and Shrubland
1311	66-13	0026	NW		ARTTRI 5	POASEC25 BROTEC 10	BALSAG1 LUPSUL1	60	4				TJ	6/6/2011	44.21906545700	-117.54043540000		216.9	Inter-Mountain Basins Big Sagebrush Steppe
1312	66-14	0027	NW		CHRNAU 1 ARTTRI 15 PERRAM1	FESIDA1 STIVIR10 POASEC25	ALIACU1 LUPSUL5 BALSAG5	30 LT10	3				TJ	6/6/2011	44.22036210550	-117.54088554400		216.8	Inter-Mountain Basins Big Sagebrush Steppe
1313	66-15	0029	NW		PERRAM1 ARTTRI 20 CHRNAU 5	PSESPI1 POASEC30 BROTEC 30	BALSAG1 ALIACU1	40	4				TJ	6/6/2011	44.22337691240	-117.54460536900		216.6	Inter-Mountain Basins Big Sagebrush Steppe
1314	66-16	NA								ONOACA	.1		TJ	6/6/2011	44.22422665130	-117.54529510600		216.5	Noxious Weeds
1315	66-18	NA								TAECAP	.1		TJ	6/6/2011	44.22724610740	-117.54869185200		216.2	Noxious Weeds
1316	66-19	0034	NW		ARTRIG10 ARTTRI 10	POASEC25 BROTEC 30	ALIACU1 LUPSUL1	40	4				TJ	6/6/2011	44.22841526870	-117.54943595600		216.1	Inter-Mountain Basins Mixed Salt Desert Scrub
1317	66-20	0035	NW		ARTTRI 15	BROTEC 70		20	5			GRAZING	TJ	6/6/2011	44.22984151390	-117.55089073900		216.0	Inter-Mountain Basins Big Sagebrush Steppe
1318	66-21	NA								BINDWEED	.1		TJ	6/6/2011	44.23057209010	-117.55140473100		216.0	Noxious Weeds
1319	66-22	NA								TAECAP	.5		TJ	6/6/2011	44.23114909480	-117.55180459700		215.9	Noxious Weeds
1320	66-23	0044	W		ARTTRI 25	POASEC25 BROTEC 30	ALIACU1	40	4				TJ	6/6/2011	44.23146682260	-117.55239573800		215.9	Inter-Mountain Basins Big Sagebrush Steppe
1321	66-24	0045	W									PERENNIAL POINT PREV 5 GRA	TJ	6/6/2011	44.23382937040	-117.55873411000		215.5	Columbia Basin Foothill Riparian Woodland and Shrubland
1322	66-25	0050	NW									WETLAND	TJ	6/6/2011	44.23617973200	-117.56569476700		215.1	North American Arid West Emergent Marsh
1323	66-26	0051	NW		ARTTRI 15 PERRAM1	SITHYS1 POABUL 40 POASEC30	ALIACU1 AMSINCHIA1	25 LT20 RK1	5			GRAZING	TJ	6/6/2011	44.23598298260	-117.56649555300	66-26xx	215.1	Inter-Mountain Basins Big Sagebrush Steppe
1324	66-27	NA								CARDRA	.1		TJ	6/6/2011	44.23668004660	-117.56894777000		215.0	Noxious Weeds
1325	66-28	0052	N		ARTTRI 15	STIVIR10 SITHYS1 POASEC30 BROTEC 30	CREACU1 ALIACU1	40	4				TJ	6/6/2011	44.23689077220	-117.56933942300		214.9	Inter-Mountain Basins Big Sagebrush Steppe
1326	66-29	0053	NW		ARTRIG10 CHRNAU 5	POASEC10	LOMATIOUM1	RK70 BG20	3				TJ	6/6/2011	44.23840118610	-117.57402744100		214.7	Inter-Mountain Basins Mixed Salt Desert Scrub
1327	66-30	0054	W									EPHEM	TJ	6/6/2011	44.23857095110	-117.57469147300		214.7	Columbia Basin Foothill Riparian Woodland and Shrubland
1328	66-31	NA										RARE PLANT	TJ	6/6/2011	44.23851122730	-117.57542600400		214.6	Sensitive Habitat/Rare Plant
1329	66-32	0056	NW		ARTRIG1 PERRAM1 ARTTRI 10 CHRNAU 5	PSESPI1 STIVIR1 BROTEC 40 POASEC25	EPILOBIUM1LUPSUL1 YAMPA1 LOMATIOUM1	30	4				TJ	6/6/2011	44.23852122270	-117.57596227800		214.6	Inter-Mountain Basins Big Sagebrush Steppe
1330	66-33	0057	S									EPHEM	TJ	6/6/2011	44.23875051590	-117.57652153300		214.6	Columbia Basin Foothill Riparian Woodland and Shrubland
1331	66-34	0060	NW		ARTRIG1 ARTTRI 20 CHRNAU 1	POABUL20 BROTEC10 POASEC25 SITHYS1 PSESPI1	CREACU1 LUPSUL1 BALSAG1	40 LT10 RK1	4				TJ	6/6/2011	44.24014554070	-117.58003581400	66-34xx	214.4	Inter-Mountain Basins Big Sagebrush Steppe
1332	66-35	0061	S									EPHEM	TJ	6/6/2011	44.24156058490	-117.58533854500		214.1	Columbia Basin Foothill Riparian Woodland and Shrubland
1333	66-36	0062	E									STOCK POND	TJ	6/6/2011	44.24194932070	-117.58592964600		214.1	Other Waters
1334	66-37	NA								CARDRA	.1		TJ	6/6/2011	44.24195333510	-117.58592672000		214.1	Noxious Weeds
1335	66-38	NA	E									EPHEM	TJ	6/6/2011	44.24283421910	-117.58788908700		213.9	Columbia Basin Foothill Riparian Woodland and Shrubland
1336	66-39	NA								CARDRA	.01AC		TJ	6/6/2011	44.24625271190	-117.59028212500		213.7	Noxious Weeds
1337	66-40	NA								CARDRA	.01AC		TJ	6/6/2011	44.24835903560	-117.59201012300		213.5	Noxious Weeds
1338	66-41	0064	NW		ARTTRI 10 CHRVIS1	ELECIN1 PSESPI30 POABUL30 POASEC10	ALIACU1 CREACU1 PHLHOO1 LUPSUL1 BALSAG1	40 LT10	4				TJ	6/6/2011	44.24981014130	-117.59361077100		213.4	Inter-Mountain Basins Big Sagebrush Steppe
1339	66-42	0065	N		ARTTRI5	AGRCRI40 ELECIN1 POABUL10	BALSAG1	20					TJ	6/6/2011	44.25378613230	-117.59388655400		213.1	Inter-Mountain Basins Big Sagebrush Steppe
1340	66-43	NA								CARDRA	5		TJ	6/6/2011	44.25413635120	-117.59383327700		213.1	Noxious Weeds
1341	66-44	0065										WETLAND	TJ	6/6/2011	44.25454007210	-117.59382152600		213.1	North American Arid West Emergent Marsh
1342	67-1	0067	S		ARTTRI 5 PURTRI 1	PSESPI30 POABUL30		20	4			MOVE SOUTH TO PROP BOUNDARY	TJ	6/7/2011	44.37272615130	-117.30819676100		195.1	Inter-Mountain Basins Big Sagebrush Steppe
1343	67-2	0068	E		CHRNAU 1		BALSAG1		5			PERENNIAL	TJ	6/7/2011	44.37265348500	-117.30821137900		195.1	Columbia Basin Foothill Riparian Woodland and Shrubland
1344	67-3	NA								CARDRA	2AC	GRAZING	TJ	6/7/2011	44.37271852310	-117.30818353800		195.1	Noxious Weeds
1345	67-4	0069	N		ARTTRI 5 SUMAC5	POABUL60		20	5				TJ	6/7/2011	44.37273942370	-117.30823293800		195.1	Inter-Mountain Basins Big Sagebrush Steppe
1346	67-5	NA								TAECAP	1AC		TJ	6/7/2011	44.37274047000	-117.30822929400		195.1	Noxious Weeds
1347	67-6	NA								FIELD BIND WEED	.1AC		TJ	6/7/2011	44.37300085040	-117.30861586900		195.0	Noxious Weeds
1348	67-7	0070	N		CHRNAU 1	FESIDA1 PSESPI30 POABUL10 BROTEC 30	LUPINESP1 BALSAG5 YAMPA1 CREACU1	30 LT20 RK2	4				TJ	6/7/2011	44.37340860930	-117.30976148500	67-7xx	195.0	Columbia Plateau Steppe and Grassland
1349	67-8	NA								TAECAP	THROUGHOUT		TJ	6/7/2011	44.37430725410	-117.31059784900		194.9	Noxious Weeds
1350	67-9	0072	NW		ARTTRI 1 CHRVIS1	POABUL20 POASEC10 PSESPI30 FESIDA20	BALSAG5 LUPINESP 5	30 LT20 MOSS5	3				TJ	6/7/2011	44.37690705280	-117.31302718100	67-9xx	194.7	Columbia Plateau Steppe and Grassland
1351	67-10	0073	N		PURTRI 1ARTTRI 1 CHRNAU 1 CHRVIS1	BROTEC 20 POABUL15 PSESPI30 FESIDA5	BALSAG1 LUPINESP 1	30	4			GOOD CONDTION SITE LIGHT USE	TJ	6/7/2011	44.37733191540	-117.31362907400		194.6	Columbia Plateau Steppe and Grassland
1352	67-11	NA	NA							CARDRA	.01AC		TJ	6/7/2011	44.37940107310	-117.31642874500		194.4	Noxious Weeds
1353	67-12	0074	E									EPHEM	TJ	6/7/2011	44.37953737950	-117.31651922200		194.4	Columbia Basin Foothill Riparian Woodland and Shrubland
1354	67-13	0075	E									EPHEM	TJ	6/7/2011	44.38063213820	-117.31814678500		194.3	Columbia Basin Foothill Riparian Woodland and Shrubland
1355	67-14	NA										ROCK OUTCROP	TJ	6/7/2011	44.38073861950	-117.31808945300		194.3	Inter-Mountain Basins Cliff and Canyon
1356	67-15	0076	E									EPHEM	TJ	6/7/2011	44.38123045800	-117.31662128000		194.3	Columbia Basin Foothill Riparian Woodland and Shrubland
1357	67-16	NA	N							TAECAP	1		TJ	6/7/2011	44.38154074700	-117.31710365200		194.3	Noxious Weeds
1358	67-17	0077	N		CHRNAU 1 CHRVIS1	POASEC10 PSESPI30 FESIDA20	PHLHOO1 LUPINESP 5 BALSAG5	20	3				TJ	6/7/2011	44.38288022000	-117.31922083900		194.2	Columbia Plateau Steppe and Grassland
1359	67-18	0078	E									EPHEM	TJ	6/7/2011	44.38352163780	-117.32073017000		194.1	Columbia Basin Foothill Riparian Woodland and Shrubland
1360	67-19	NA	N		ARTTRI 1	PSESPI30 POABUL30 POASEC10 POABUL30	BALSAG5 LUPINESP 1	30	4				TJ	6/7/2011	44.38351888920	-117.32073722500		194.1	Columbia Plateau Steppe and Grassland
1361	67-20	NA								CARDRA	1AC		TJ	6/7/2011	44.38389598850	-117.32094123400		194.1	Noxious Weeds
1362	67-21	NA								CARDRA	2AC		TJ	6/7/2011	44.38526320180	-117.32207612900		194.0	Noxious Weeds
1363	67-22	NA								TAECAP	.01AC		TJ	6/7/2011	44.38664070590	-117.32300639100		193.9	Noxious Weeds
1364	67-23	0080	N		CHRNAU 1 ARTTRI 1	PSESPI30 POABUL30 POASEC10	BALSAG5 LUPSUL1	40	4			SEE EARLIER GRASS	TJ	6/7/2011	44.38373847650	-117.32083612400		194.1	Inter-Mountain Basins Big Sagebrush Steppe
1365	67-24	0081	N		ARTTRI 1	ELECIN1 POABUL60	DESSP1 ONOACA	20	5	CARDRA	5AC	GRAZING FIRE	TJ	6/7/2011	44.38831636460	-117.32629676400		193.7	Introduced Upland Vegetation - Annual and Perennial Grassland
1366	67-25	0082	E									EPHEM	TJ	6/7/2011	44.38853785700	-117.32641163700		193.6	Columbia Basin Foothill Riparian Woodland and Shrubland
1367	67-26	NA								TAECAP	.01AC		TJ	6/7/2011	44.38968242930	-117.32673933800		193.6	Noxious Weeds

OBJECTID	ID	PH_NUM	DIR	TREE	SHRUB	HERB	FORB	BG	HAB_QAL	NOX	SIZE	NOTES	NAME	DATE_	Lat	Long	CoverSheet	MilePost	EcoSys_Rev
1368	67-27	0083	NW		ARTRIG10	BROMOL1 POABUL30 BROTEC 20	YAMPA1	20	4				TJ	6/7/2011	44.38987288590	-117.32698654100		193.6	Columbia Plateau Low Sagebrush Steppe
1369	67-28	0084	N		ARTTRI 1	POABUL15 BROTEC 15 PSESPI30 FESIDA20	BALSAG5 LUPSUL 5	30	4				TJ	6/7/2011	44.39026648940	-117.32763184500		193.5	Columbia Plateau Steppe and Grassland
1370	67-29	0085	N									WETLAND SEEP	TJ	6/7/2011	44.39153657560	-117.32891995900		193.4	North American Arid West Emergent Marsh
1371	67-30	0086	E									PERENNIAL STREAM	TJ	6/7/2011	44.39154613950	-117.32887179400		193.4	Columbia Basin Foothill Riparian Woodland and Shrubland
1372	67-31	NA								CARDRA	.1AC		TJ	6/7/2011	44.39159179550	-117.32880912600		193.4	Noxious Weeds
1373	67-32	NA								TAECAP	5AC		TJ	6/7/2011	44.39190130160	-117.32932824100		193.4	Noxious Weeds
1374	67-33	0087	N		ARTTRI 1	TAECAP 90 POABUL15	BALSAG1 YAMPA1	10	5			FIRE	TJ	6/7/2011	44.39214443790	-117.32936071900		193.4	Introduced Upland Vegetation - Annual and Perennial Grassland
1375	67-34	NA								CARDRA	1AC		TJ	6/7/2011	44.39314085940	-117.33074903400		193.3	Noxious Weeds
1376	67-35	0088	N		ARTTRI 1 CHRNAU 1	FESIDA1 POABUL30 POASEC10 PSESPI15	BALSAG5 LUPSUL5	20	4				TJ	6/7/2011	44.39407103880	-117.33147348000		193.2	Columbia Plateau Steppe and Grassland
1377	67-36	NA								CARDRA	2AC		TJ	6/7/2011	44.39573016660	-117.33404034700		193.0	Noxious Weeds
1378	67-37	NA								TAECAP	2AC		TJ	6/7/2011	44.39663590070	-117.33422255800		193.0	Noxious Weeds
1379	67-38	0093	N			POABUL90	ONOACA 5	10	5			FIRE	TJ	6/7/2011	44.39904595440	-117.33445368600		192.8	Introduced Upland Vegetation - Annual and Perennial Grassland
1380	67-39	NA								CARDRA	2AC		TJ	6/7/2011	44.39904678620	-117.33445034100		192.8	Noxious Weeds
1381	67-40	NA								TAECAP 2AC			TJ	6/7/2011	44.40024202890	-117.33494130900		192.7	Noxious Weeds
1382	67-41	0094	E									PERENNIAL	TJ	6/7/2011	44.40060933110	-117.33503422900		192.7	Columbia Basin Foothill Riparian Woodland and Shrubland
1383	67-42	NA										ROCKOUTCROP CAVE	TJ	6/7/2011	44.40062804270	-117.33497856500		192.7	Inter-Mountain Basins Cliff and Canyon
1384	67-43	0095	N		ARTTRI 15	POASEC30 POABUL40	DESSP1	30	4	CARDRA	THROUGHOUT		TJ	6/7/2011	44.40084321650	-117.33500971000		192.7	Inter-Mountain Basins Big Sagebrush Steppe
1385	67-44	0098	E									INTERMITTENT WETLAND	TJ	6/7/2011	44.40152359590	-117.33507414200		192.6	Columbia Basin Foothill Riparian Woodland and Shrubland
1386	67-45	NA								TAECAP	1AC		TJ	6/7/2011	44.40179460070	-117.33565901400		192.6	Noxious Weeds
1387	67-46	0100	N		ARTTRI 1	PSESPI30 POABUL30 BROTEC 30	CREACU1 BALSAG1 LUPSUL1	20	5	TAECAP	THROUGHOUT	FIRE GRAZING	TJ	6/7/2011	44.40206610020	-117.33580298100		192.6	Columbia Plateau Steppe and Grassland
1388	67-47	0101	N		ARTTRI 1 CHRNAU 1	POASEC30 BROTEC 30 POABUL15	CREACU1 AMSINCHIA1	40 LT10	4				TJ	6/7/2011	44.40502771710	-117.33449633600		192.4	Inter-Mountain Basins Big Sagebrush Steppe
1389	67-48	0102	N	ARTTRI 1 CHRVIS1	POASEC30 PSESPI15 POABUL30	BALSAG5 LUPSUL5		10	4				TJ	6/7/2011	44.40575315180	-117.33502930100		192.3	Columbia Plateau Steppe and Grassland
1390	67-49	103	E									EPHEM	TJ	6/7/2011	44.40615779810	-117.33493211900		192.3	Columbia Basin Foothill Riparian Woodland and Shrubland
1391	67-50	NA								CARDRA	THROUGHOUT		TJ	6/7/2011	44.40615638870	-117.33493412400		192.3	Noxious Weeds
1392	67-51	0104	W									EPHEM	TJ	6/7/2011	44.40836485980	-117.33578519200		192.2	Columbia Basin Foothill Riparian Woodland and Shrubland
1393	67-52	NA								TAECAP	5AC		TJ	6/7/2011	44.40893883640	-117.33570788100		192.1	Noxious Weeds
1394	67-53	0105	W									WETLAND SEEP	TJ	6/7/2011	44.41024377790	-117.33543142700		192.0	North American Arid West Emergent Marsh
1395	67-54	0106	E									WETLAND SEEP	TJ	6/7/2011	44.41079586140	-117.33517157600		192.0	North American Arid West Emergent Marsh
1396	67-55	NA								CARDRA	THROUGHOUT		TJ	6/7/2011	44.41103029910	-117.33533183900		192.0	Noxious Weeds
1397	67-56	NA								TAECAP	5AC		TJ	6/7/2011	44.41103015300	-117.33533023100		192.0	Noxious Weeds
1398	67-57	0108	S									WETLAND MEADOW	TJ	6/7/2011	44.41204124760	-117.33689520900		191.9	North American Arid West Emergent Marsh
1399	67-58	0109	E									WETLAND SEEP	TJ	6/7/2011	44.41328672980	-117.33622078800		191.8	North American Arid West Emergent Marsh
1400	67-59	0110	N		ARTTRI 20 ROSWOO1	POABUL30 POASEC25 PSESPI10	EPILOB10 SENECIO1 BRODOU1 COLLIN1	15 LT10 RK1	4	CARDRA	THROUGHOUT		TJ	6/7/2011	44.41128060450	-117.33543312100	67-59xx	192.0	Inter-Mountain Basins Big Sagebrush Steppe
1401	67-60	0111	W									WETLAND MEADOW	TJ	6/7/2011	44.41368863080	-117.33621295000		191.8	North American Arid West Emergent Marsh
1402	67-61	0112	N		ARTTRI 5	POABUL30 PSESPI30	BALSAG5 LUPSUL5	20	4				TJ	6/7/2011	44.41403725740	-117.33596458300		191.8	Inter-Mountain Basins Big Sagebrush Steppe
1403	67-62	0113	N		ARTTRI 5 CHRNAU 1	PSESPI30 FESIDA1 POASEC10	BALSAG5 LUPSUL5	20	3				TJ	6/7/2011	44.41636887230	-117.33619612000		191.6	Inter-Mountain Basins Big Sagebrush Steppe
1404	67-63	0114	E									EPHEM	TJ	6/7/2011	44.41782537660	-117.33667189400		191.5	Columbia Basin Foothill Riparian Woodland and Shrubland
1405	67-64	NA								CARDRA	.01		TJ	6/7/2011	44.41794779450	-117.33655934000		191.5	Noxious Weeds
1406	67-65	NA										ROCKOUTCROP	TJ	6/7/2011	44.41819767460	-117.33634818000		191.5	Inter-Mountain Basins Cliff and Canyon
1407	67-66	NA	N		PURTRI 1 ARTTRI 5 CHRVIS1	PSESPI30 POABUL30	BALSAG1	20	4				TJ	6/7/2011	44.41986058380	-117.33607662700		191.4	Inter-Mountain Basins Big Sagebrush Steppe
1408	68-1	0115	W									PERENNIAL	TJ	6/8/2011	44.47271437010	-117.34187707100		187.5	Columbia Basin Foothill Riparian Woodland and Shrubland
1409	68-2	0116	NW		SALEXI1 ARTTRI 1	BROTEC40 AROPYROMSP1	RUMCRI1 SISALT10	60 LT10	5	CARDRA	3AC	FLOODPLAIN	TJ	6/8/2011	44.47273170790	-117.34185799600		187.5	Columbia Basin Foothill Riparian Woodland and Shrubland
1410	68-3	NA								TEASLE	INDIVIDUAL		TJ	6/8/2011	44.47322734880	-117.34261873800		187.5	Noxious Weeds
1411	68-4	0117	NW			POABUL50 BROTEC 20	SISALT5	20 LT20	5	CARDRA	THROUGHOUT	GRAZING	TJ	6/8/2011	44.47441173310	-117.34389110900		187.4	Introduced Upland Vegetation - Annual and Perennial Grassland
1412	68-5	0120	NW		ARTTRI 5 CHRNAU 1	POABUL500	EROCIC5 SISALT5	20	4	CARDRA	THROUGHOUT		TJ	6/8/2011	44.47633775970	-117.34493251900		187.2	Inter-Mountain Basins Big Sagebrush Steppe
1413	68-6	0121	NW		SALIX SP 1	BROINE20 PHLARU10	RUMCRI5 SISALT5	20	4	CARDRA	THROUGHOUT	FLOODPLAIN	TJ	6/8/2011	44.47736380580	-117.34543958500		187.1	Columbia Basin Foothill Riparian Woodland and Shrubland
1414	68-7	0122	NW		ARTTRI 5 PURTRI 1	POABUL70 ELECIN1	SISALT5	30	4				TJ	6/8/2011	44.47955514860	-117.34665268400		187.0	Inter-Mountain Basins Big Sagebrush Steppe
1415	68-8	0123	NW		ARTTRI 5 PURTRI 5 CHRNAU 1	PSESPI30 FESIDA20	BALSAG5	30	3				TJ	6/8/2011	44.48225713980	-117.34832638200		186.8	Inter-Mountain Basins Big Sagebrush Steppe
1416	68-9	0124	S	BETOCC 1	SALEXI 1 SALIX SP1	PHLARU90		5	3	CARDRA	.1AC		TJ	6/8/2011	44.48293364410	-117.34898327100		186.7	Columbia Basin Foothill Riparian Woodland and Shrubland
1417	68-10	0125	N		ARTTRI 1	BROTEC 80	SISALT5	20	5			DISTURBED ROW	TJ	6/8/2011	44.48355844490	-117.35003021900		186.7	Introduced Upland Vegetation - Annual and Perennial Grassland
1418	68-11	0126	N		ARTTRI 15 CHRNAU 1	SITHYS1 BROTEC 50 POABUL10	MELOFF1 EROCIC1	60 LT20 RK1	5			DISTURBED	TJ	6/8/2011	44.48499322910	-117.35171749700	68-11xx	186.5	Inter-Mountain Basins Big Sagebrush Steppe
1419	68-12	0128	N		ARTTRI 5 CHRNAU 1	STIVIR1 SITHYS1 POASEC5 POABUL30 BROTEC 20	LUPINESP 1 PHACIA1 ERIGONIUM1 EROCIC1	70	4				TJ	6/8/2011	44.48658725490	-117.35414089800		186.4	Inter-Mountain Basins Big Sagebrush Steppe
1420	68-13	0129	N		ARTTRI 15 CHRVIS1	AGRCRI1 SITHYS1 PSESPI5 BROTEC 10 POABUL10	COMP1 PALLIN1 LUPINESP 1 BALSAG1	70	3				TJ	6/8/2011	44.48808261400	-117.35594983100		186.2	Inter-Mountain Basins Big Sagebrush Shrubland
1421	68-14	0130	W									EPHEM	TJ	6/8/2011	44.48959190390	-117.35710524100		186.1	Columbia Basin Foothill Riparian Woodland and Shrubland
1422	68-15	0131	E	ALNINC1	SALIX1	TYPHA1	MIMLEW						TJ	6/8/2011	44.48994457070	-117.35776774200		186.1	North American Arid West Emergent Marsh
1423	68-16	0132	N		ARTTRI 15	BROTEC 30 POABUL20 POASEC25		60	4				TJ	6/8/2011	44.49002709240	-117.35774075400		186.1	Inter-Mountain Basins Big Sagebrush Steppe
1424	68-17	NA	N							CARDRA	.1AC		TJ	6/8/2011	44.49011740950	-117.35713266200		186.1	Noxious Weeds
1425	68-18	0133	N		ARTTRI 15	PSESPI20 BROTEC 30	LUPINESP 1 BALSAG5	60	3				TJ	6/8/2011	44.49139378440	-117.35883590400		186.0	Inter-Mountain Basins Big Sagebrush Steppe
1426	68-19	0134	N									EPHEM	TJ	6/8/2011	44.49272622200	-117.35990809900		185.8	Columbia Basin Foothill Riparian Woodland and Shrubland
1427	68-20	NA								CARDRA	.01AC		TJ	6/8/2011	44.49271779280	-117.35990295800		185.8	Noxious Weeds
1428	68-21	0135	N		ARTTRI 1	BROTEC 40 PSESPI30	ASTGEY	70	4				TJ	6/8/2011	44.49271844920	-117.35990678800		185.8	Columbia Plateau Steppe and Grassland
1429	68-22	0137	N		ARTTRI 15 PURTRI1	STIVIR1 PSESPI30 POABUL30		40	4				TJ	6/8/2011	44.49348428860	-117.36074727900		185.8	Inter-Mountain Basins Big Sagebrush Steppe
1430	68-23	0138	N									EPHEM	TJ	6/8/2011	44.49491117250	-117.36158054700		185.7	Columbia Basin Foothill Riparian Woodland and Shrubland
1431	68-24	NA								BINDWEED	.01AC		TJ	6/8/2011	44.49522821880	-117.36137400700		185.7	Noxious Weeds
1432	68-25	0139	N		CHRNAU 5 ARTTRI 1	POABUL30 BROTEC 30 PSESPI1	PRIMROSE1 SPHMUN1	70	4				TJ	6/8/2011	44.49470213020	-117.36184773100		185.7	Inter-Mountain Basins Big Sagebrush Steppe
1433	68-26	0140	N		ARTTRI 15 CHRVIS1	FESIDA1 PSESPI40 POASEC10	LUPINESP 1	30	3				TJ	6/8/2011	44.49552251110	-117.36241849900		185.6	Inter-Mountain Basins Big Sagebrush Steppe
1434	68-27	0141	W									EPHEM	TJ	6/8/2011	44.49608880720	-117.36217701300		185.6	Columbia Basin Foothill Riparian Woodland and Shrubland

OBJECTID	ID	PH_NUM	DIR	TREE	SHRUB	HERB	FORB	BG	HAB_QAL	NOX	SIZE	NOTES	NAME	DATE_	Lat	Long	CoverSheet	MilePost	EcoSys_Rev
1435	68-28	0143	N	JUNOCC	ARTTRI5 CHRNAU 1	BROTEC 30 POABUL10 PSESPI1 STIVIR40	AGOGLO1 BALSAG1 LUPINESP 1	60	3				TJ	6/8/2011	44.49620595670	-117.36244822100		185.6	Inter-Mountain Basins Big Sagebrush Steppe
1436	68-29	0144	W									EPHEM	TJ	6/8/2011	44.49806927720	-117.36267827700		185.4	Columbia Basin Foothill Riparian Woodland and Shrubland
1437	68-30	0145	N		ARTTRI 5	TAECAP90		10		TAECAP	5AC		TJ	6/8/2011	44.49815845760	-117.36285067200		185.4	Inter-Mountain Basins Big Sagebrush Steppe
1438	68-31	0146	SE									PERENNIAL	TJ	6/8/2011	44.50198570220	-117.36390826800		185.2	Columbia Basin Foothill Riparian Woodland and Shrubland
1439	68-32	0147	NW		ARTTRI 5	PSESPI30 BROTEC 40 POABUL30		40	4			DISTURBED	TJ	6/8/2011	44.50200284270	-117.36390866300		185.2	Inter-Mountain Basins Big Sagebrush Steppe
1440	68-33	0148	N		ARTTRI 15 CHRNAU 1	PSESPI30 POABUL30 BROTEC 10	LUPINESP 1 COMP1	40 LT20	4				TJ	6/8/2011	44.50338055100	-117.36456239400	68-33xx	185.1	Inter-Mountain Basins Big Sagebrush Steppe
1441	68-34	0149	N		CHRNAU 1	BROTEC 80	SISALT15 MELOFF1	15	5			DISTURBED	TJ	6/8/2011	44.50458020500	-117.36521788900		185.0	Introduced Upland Vegetation - Annual and Perennial Grassland
1442	68-35	0150	N		ARTTRI 15 CHRNAU 1 PURTRI 1	PSESPI15 BROTEC 30 POABUL30		40	4			INTERMIXED TUFF	TJ	6/8/2011	44.50600289190	-117.36653858500		184.9	Inter-Mountain Basins Big Sagebrush Steppe
1443	68-36	0153	N			BROTEC 30 ELECIN5							TJ	6/8/2011	44.50864306750	-117.36873362000		184.6	Inter-Mountain Basins Big Sagebrush Steppe
1444	68-37	NA								TAECAP	1AC		TJ	6/8/2011	44.50902933460	-117.36872612800		184.6	Noxious Weeds
1445	68-38	0154	N	JUNOCC1	ARTTRI 20	PSESPI30 POABUL30	LUPSUL1 ASTRAG1 BALSAG1	40	4				TJ	6/8/2011	44.50971439380	-117.36810147800		184.6	Inter-Mountain Basins Big Sagebrush Steppe
1446	68-39	NA								TAECAP	10AC		TJ	6/8/2011	44.51012356580	-117.36804587100		184.5	Noxious Weeds
1447	68-40	0155	W									EPHEM	TJ	6/8/2011	44.51258658250	-117.36754447000		184.4	Columbia Basin Foothill Riparian Woodland and Shrubland
1448	68-41	0156	W									EPHEM	TJ	6/8/2011	44.51411594550	-117.36657198200		184.2	Columbia Basin Foothill Riparian Woodland and Shrubland
1449	68-42	NA								TAECAP	5AC		TJ	6/8/2011	44.51411831050	-117.36656925500		184.2	Noxious Weeds
1450	68-43	0157	N									EPHEM	TJ	6/8/2011	44.51474146480	-117.36643588800		184.2	Columbia Basin Foothill Riparian Woodland and Shrubland
1451	68-44	0158	E									EPHEM	TJ	6/8/2011	44.51613679140	-117.36559164200		184.1	Columbia Basin Foothill Riparian Woodland and Shrubland
1452	68-45	NA								TAECAP	.5AC		TJ	6/8/2011	44.51653100080	-117.36560386100		184.1	Noxious Weeds
1453	68-46	0159	N		ARTTRI 20	FESIDA20 PSESPI30	LUPSUL5	20 LT5 RK10 MOSS20	3				TJ	6/8/2011	44.51703401800	-117.36559665300	68-46xx	184.0	Inter-Mountain Basins Big Sagebrush Steppe
1454	68-47	0160	E									EPHEM STREAM	TJ	6/8/2011	44.51771304530	-117.36551117300		184.0	Columbia Basin Foothill Riparian Woodland and Shrubland
1455	68-48	0161	N	JUNOCC	ARTTRI 15 CHRNAU 1	POASEC30 POABUL30	LUPSUL1 BALSAG1	30	4	TAECAP	THROUGHOUT		TJ	6/8/2011	44.51782273030	-117.36553650700		184.0	Inter-Mountain Basins Big Sagebrush Steppe
1456	68-49	0162	N		ARTTRI 1	PSESPI60	LUPSUL1	40	3				TJ	6/8/2011	44.51913429330	-117.36542824600		183.9	Columbia Plateau Steppe and Grassland
1457	68-50	0163	N		ARTTRI 15	POASEC10 POABUL30 PSESPI20	LUPSUL1 BALSAG1	20	4				TJ	6/8/2011	44.52074972950	-117.36445802300		183.8	Inter-Mountain Basins Big Sagebrush Steppe
1458	68-51	0164	W									EPHEM STREAM	TJ	6/8/2011	44.52211403890	-117.36379937800		183.7	Columbia Basin Foothill Riparian Woodland and Shrubland
1459	68-52	NA								TAECAP	1AC		TJ	6/8/2011	44.52486694440	-117.36294240800		183.5	Noxious Weeds
1460	68-53	0165	N									PERENNIAL STREAM	TJ	6/8/2011	44.52855114440	-117.36403540300		183.2	Columbia Basin Foothill Riparian Woodland and Shrubland
1461	68-54	0166	S	JUNOCC5	ARTTRI 15	PSESPI30 POABUL30		30	4			FROM TOP OF HILL TO ROAD	TJ	6/8/2011	44.52849484220	-117.36395555200		183.2	Inter-Mountain Basins Juniper Savanna
1462	6/29-1	6/29-1	W			BROSTE 45 VULPIA 15 KOEMAC 2 FESIDA 8 AGRSPI 2	WEEDY ANNUAL FORB SPECIES 25 CLARKIA 1 LUPINE 2 ACHMIL 1	5	4				MM	6/29/2011	45.30602073450	-118.21057535000		1.3	Introduced Upland Vegetation - Annual and Perennial Grassland
1463	6/29-2	6/29-2	SW			VULPIA 50 PHLEUM PRATENSE 2 LUPINE 2 POTENTILLA 1	WEEDY ANNUAL FORBS 30	15	5				MM	6/29/2011	45.29677923520	-118.21041688500		1.8	Pasture/Hay
1464	6/29-3	6/29-3	W			BROSTE 65 VULPIA 15 POABUL 5 POAPRA 3 PHLEUM PRATENSE 1	LUPINE 3	5	5				MM	6/29/2011	45.28481803460	-118.19497892400		2.9	Pasture/Hay
1465	6/29-4	6/29-4	W	evonne upper left		FESIDA 10 KOEMAC 5 POAPRA 5 BROSTE 40	ACHMIL 2 LUPINE 1 WEEDY ANNUAL FORBS 5	10	4			COULD ONLY SURVEY EAST 1/3 OF N LAYDOWN DUE TO ACCESS RESTRICTIONS, TOP 1/4 OF S LAYDOWN YARD THIS SAME PL COMMUNITY	MM	6/29/2011	45.31528128430	-118.21590986400		107.8	Introduced Upland Vegetation - Annual and Perennial Grassland
1466	6/29-5	6/29-5	S	PINPON 35	SYMALB 15	KOEMAC 8 FESIDA 15 POAPRA 20 BROSTE 15	ACHMIL 3 SALSIFY 1 BRODIEAE 1 WEEDY ANNUAL FORBS 8	2	4			THIS PL COMMUNITY OCCUPIES S 3/4 OF LAYDOWN YARD	MM	6/29/2011	45.31285548470	-118.21782591400		0.7	Northern Rocky Mountain Ponderosa Pine Woodland and Savanna
1467	6/28-1	6/28-1	SW	PINCON 5 PINPON 15 DOUG FIR 20	ALMORE 15 ARCUVA 5	CARGEY 20 CALRUB 10 POAPRA 5	ARNCOR 10 STRAWBERRY 5 THERMOPSIS 8	0	3				MM	6/28/2011	45.37728000520	-118.30717710200		101.3	Northern Rocky Mountain Dry-Mesic Montane Mixed Conifer Forest
1468	6/28-2	6/28-2	SW	PINPON 40 DOUG-FIR 5	SYMALB 8 VACCINIUM 5	CARGEY 15 CALRUB 10	ACHMIL 5 HIERACIUM 3	0	3				MM	6/28/2011	45.37686550560	-118.31021198500		101.3	Northern Rocky Mountain Ponderosa Pine Woodland and Savanna
1469	6/28-3	6/28-3	W	PINPON 15	SYMALB 10	CARGEY 10 POABUL 25 POASEC 20 POAPRA 10	ACHMIL 15 ERIOGONUM 1 SMALL WEEDY FORBS 5	10	4				MM	6/28/2011	45.37638017260	-118.31243855100		101.2	Northern Rocky Mountain Ponderosa Pine Woodland and Savanna
1470	6/28-4	6/28-4		DOUG-FIR 20 GRAND FIR 5 PINPON 15 PINCON 5	PHYSOCARPUS 10 HYPERICUM SCOULERI 10	CARGEY 15 CALRUB 5 KOEMAC 5	ACHMIL 5 THERMOPSIS 20 LUPINE 2	0	3			FOREST MIXES WITH SMALL MEADOW	MM	6/28/2011	45.38016414030	-118.32511531500		100.6	Northern Rocky Mountain Dry-Mesic Montane Mixed Conifer Forest
1471	6/28-5	6/28-5	S	PINPON 5	ARTEMESIA TRIPARTITA 10	POABUL 25 POASEC 20	ACHMIL 8 WHITE ONION 8 SEDUM 3 SMALL WEEDY FORBS 10	20	4				MM	6/28/2011	45.38151937380	-118.32719578100		100.4	Columbia Plateau Steppe and Grassland
1472	6/28-6	6/28-6	NA									SNAG	MM	6/28/2011	45.38153605720	-118.32812774800		100.4	Sensitive Habitat/Rare Plant
1473	6/28-7	6/28-7	S	PINPON 15	ERIOGONUM 8 SYMALB 10	FESIDA 35 POASEC 15	ACHMIL 3	5	3				MM	6/28/2011	45.36951548850	-118.29989185500	6/28-7xx	102.0	Northern Rocky Mountain Ponderosa Pine Woodland and Savanna
1474	6/28-8	6/28-8	SE	PINPON 35	SYMALB 20 AMELANCHIER 3	CARGEY 15 FESIDA 8 POAPRA 10	LUPINE 3 ACHMIL 8 GEUM 2	0	3			THIS PL COMMUNITY OCCUPIES 20% OF LAYDOWN yard ON ITS LONG SW SIDE	MM	6/28/2011	45.36092230470	-118.28931782500		102.8	Northern Rocky Mountain Ponderosa Pine Woodland and Savanna
1475	6/28-9	6/28-9		0	ERIOGONUM 5	KOEMAC 5 FESIDA 20 POASEC 10 BROSTE 20 VULPIA 10	ACHMIL 5 BRODIEAE 1	15	4			ON LON AXIS PL COMMUNITY OCCUPIES NW 80% OF LAYDOWN YARD	MM	6/28/2011	45.35958063770	-118.28489265900		103.0	Columbia Plateau Steppe and Grassland
1476	6/28-10	6/28-10		PINPON 10	ERIOGONUM 1	FESIDA 30 KOEMAC 10 AGRSPI 5 POABUL 5	ACHMIL 8	10	3				MM	6/28/2011	45.35464823750	-118.27961971100		103.4	Columbia Plateau Steppe and Grassland
1477	6/28-11	6/28-11	na									SHHALLOW DRAW BETWEEN SIDEHILLS	MM	6/28/2011	45.35648692070	-118.27923162800		103.3	North American Arid West Emergent Marsh
1478	6/28-12	6/28-12	NW	trimble in center photo 0	0	VULPIA 35 BROSTE 30 POABUL 10 FESIDA 5	ACHMIL 3	20	5				MM	6/28/2011	45.35664572080	-118.28012569400		103.3	Introduced Upland Vegetation - Annual and Perennial Grassland
1479	6/28-13	6/28-13	NW	PINPON 5	ERIOGONUM 1	FESIDA 35 POASEC 20 BROSTE 10 POABUL 5	ACHMIL 5	15	3				MM	6/28/2011	45.35715712080	-118.28078604400		103.3	Columbia Plateau Steppe and Grassland
1480	6/28-14	6/28-14	na									SNAG	MM	6/28/2011	45.35843608750	-118.28162681000		103.2	Sensitive Habitat/Rare Plant
1481	6/28-15	6/28-15	NW	PINPON 5	ERIOGONUM 3	BROSTE 30 FESIDA 20 AGRSPI 5 POABUL 5	ASTRAGULUS 3 ACHMLI 3 WEEDY ANNUAL FORBS 5	10	4				MM	6/28/2011	45.34843058710	-118.26983711400	6/28-15xx	104.1	Columbia Plateau Steppe and Grassland
1482	6/28-16	6/28-16	SW	opEN grASSLAND trees in distance PP 1		BROSTE 80 AGRSPI 2 POABUL 5 POASEC 10 KOEMAC 1	LOMATIUM 1 ACHMIL 3	10	5				MM	6/28/2011	45.33314495300	-118.25080218700	6.28-16mm	105.6	Columbia Plateau Steppe and Grassland
1483	6/28-17	NO PHOTO	na	change last row to hab qual 5 increase brOSTE to80 reduce perENNIAL to 10								JUNCUS PATCH SEVERAL ACRES IN SIZE	MM	6/28/2011	45.33197636990	-118.25146220400		105.7	North American Arid West Emergent Marsh
1484	6/27-1	6/27-1	S	DOUG-FIR 25 PONDEROSA PINE (PONPIN) 2 CRATEAGUS DOUGLASII (CRADOU) 5 ALNUS SP 3 POPULUS BALSAMIFERA*	ACER GRANDIDENTATUM 1 SALIX 5 TBERRY 2 ROSA 10 CORNUS SERICEA 25	Oplopanax horridusOPLOPANAX HORRIDUS 1 POAPRA 10 PHLEUM 5 DACTYLIS GLOMERATA 10	AQUILEGIA 1 STRAWBERRY 2	0	4	HOUNDS TONGUE	THROUGHOUT	ROAD PARALLELS GRAND RONDE R	MM	6/27/2011	45.34153353410	-118.23708458800		105.3	Columbia Basin Foothill Riparian Woodland and Shrubland
1485	6/27-2	6/27-2	S	DOUG-FIR 5 PONPIN 20	PRUNUS VIRGINIANA (PRUVIR) 5 SYMALB 20 CORNUS SERICEA 5 ROSA SP 15	POAPRA 15 PHLEUM PRATENSE 10 BROSTE 10	POTENTILLA 2 ACHMIL 5 GERANIUM VISCOSISSIMUM (GERVIS) 2	5	4				MM	6/27/2011	45.34116153320	-118.22715772300		105.3	Northern Rocky Mountain Ponderosa Pine Woodland and Savanna
1486	6/27-3	6/27-3	N/A							RIVER SIDE CHANNEL WITHIN 15 FT OF ROAD			MM	6/27/2011	45.34069844970	-118.22535825700		105.3	North American Arid West Emergent Marsh
1487	6/27-4	6/27-4	N	DOUG-FIR 40 PONPIN 5 CRADOU 20	ACER GRANDIDENTATUM 3 SYMALB 15 ROSA SP 15 PRUVIR 5	BROSTE 5 PHLEUM PRATENSE 10 DACTYLIS GLOMERATA 5 POAPRA 10	GERVIS 2 POTENTILLA 2 STRAWBERRY 5	0	4			POTENTIAL WETLAND AREAS ALONG ENTIRE ROAD	MM	6/27/2011	45.34009819980	-118.22586994000		105.4	Northern Rocky Mountain Dry-Mesic Montane Mixed Conifer Forest
1488	6/27-5	6/27-5	N/A									MULTIPLE LOW WET AREAS BETWEEN ROAD AND RIVER ALL ALONG ROAD	MM	6/27/2011	45.33903336660	-118.22606625700		105.4	North American Arid West Emergent Marsh

OBJECTID	ID	PH_NUM	DIR	TREE	SHRUB	HERB	FORB	BG	HAB_QAL	NOX	SIZE	NOTES	NAME	DATE_	Lat	Long	CoverSheet	MilePost	EcoSys_Rev
1489	6/27-6	6/27-6	S	POPBAL 2 PONPIN 5	PRUVIR 2 SYMALB 5	POABUL 15 BROSTE 5 POAPRA 20 PHLEUM PRATENSE 25 DACTYLIS GLOMERATA 20	CLOVER 5	0	4				MM	6/27/2011	45.33639204980	-118.22247952500	6.27-6mm	106.7	Pasture/Hay
1490	6/27-7	6/27-7	N/A	PP left								LOW WET AREA	MM	6/27/2011	45.33118616650	-118.21876921000		107.5	North American Arid West Emergent Marsh
1491	6/27-8	6/27-8	S	corral		NON-NATIVE PASTURE GRASSES		25	5			GRASSES MOWED ID NOT POSSIBLE	MM	6/27/2011	45.33085564980	-118.21812574300		107.5	Pasture/Hay
1492	6/27-9	6/27-9	N/A	puddle								LOW WET AREA	MM	6/27/2011	45.33064584980	-118.21774839300		107.5	North American Arid West Emergent Marsh
1493	6/27-12	6/27-12	N/A	trees in back								LOW WET AREA	MM	6/27/2011	45.32875578300	-118.21537639400		107.6	North American Arid West Emergent Marsh
1494	6/27-13	NO PHOTO	S	evonne in photo gate in back		POABUL 15 PHLEUM PRATENSE 40 POAPRA 30	ACHMIL 5	15	4				MM	6/27/2011	45.32771874970	-118.21444441100		107.7	Pasture/Hay
1495	6/27-14	6/27-14	N/A	trimble in photo celtis hackberry or Cratageus Hawthorn?	CRADOU 5							SEVERAL LOW WET AREAS ALONG ROAD	MM	6/27/2011	45.32602473290	-118.21238944500		107.8	North American Arid West Emergent Marsh
1496	6/27-15	6/27-15	S	PONPIN 10	CRADOU 5	POAPRA 40 PHLEUM PRATENSE 35							MM	6/27/2011	45.32364271620	-118.20989583000		108.0	Pasture/Hay
1497	6/27-18	6/27-18	S	PONPIN 20	SYMALB 25	POAPRA 5 POABUL 15 DACGLO 10 BROSTE 15	LUPINE 5 ACHMIL 3 GERVIS 3 POTENTILLA 3	5	5				MM	6/27/2011	45.31843583270	-118.20330409900	6/27-18xx	108.4	Northern Rocky Mountain Ponderosa Pine Woodland and Savanna
1498	6/27-19	6/27-19		PONPIN 20	SYMALB 10	POABUL 35	POTENTILLA 2 LUPINE 2 ACHMIL 2	10	4				MM	6/27/2011	45.31513476570	-118.19695055000		108.7	Northern Rocky Mountain Ponderosa Pine Woodland and Savanna
1499	6/27-20	6/27-20	N/A	evonne crossing wETLAND								LOW WET AREA	MM	6/27/2011	45.31560974900	-118.19737913400		108.7	North American Arid West Emergent Marsh
1500	6/27-21	6/27-21	N/A									LOW WET AREA, OTHER SIMILAR AREAS ALONG THIS ACCESS ROAD	MM	6/27/2011	45.31760393230	-118.19856623300		108.6	North American Arid West Emergent Marsh
1501	6/27-22	6/27-22	N/A	trimble in photo								SMALL DRAINAGE FROM SIDE HILL SMALL	MM	6/27/2011	45.31833776570	-118.19970611600		108.5	North American Arid West Emergent Marsh
1502	6/27-30	NO PHOTO								TEACAP (MEDUSAHEAD)		TEACAP MIXED IN WITH POABUL	MM	6/27/2011	45.32145626590	-118.20448631400		108.3	Introduced Upland Vegetation - Annual and Perennial Grassland
1503	6/27-33	6/27-33	N/A	trimble on rock								LOW WET AREA	MM	6/27/2011	45.32251794910	-118.20388573100		108.3	North American Arid West Emergent Marsh
1504	6/27-34	6/27-34	N/A									SNAG	MM	6/27/2011	45.32184659880	-118.19912944900		108.5	Sensitive Habitat/Rare Plant
1505	6/27-35	6/27-35	S			TEACAP 15 POAPRA 5 POABUL 20 BROSTE 40	WEEDY LOMATIUM 15 ACHMIL 3	10	5	TEACAP	TEACAP		MM	6/27/2011	45.32172419880	-118.19866973200	6/27-35xx	108.5	Introduced Upland Vegetation - Annual and Perennial Grassland
1506	6/27-35	6/27-35	S	shrub		TEACAP 15 POAPRA 5 POABUL 20 BROSTE 40	WEEDY LOMATIUM 15 ACHMIL 3	10	5	TEACAP	TEACAP	DRY WASH	MM	6/27/2011	45.32127069870	-118.19680301600		108.6	Introduced Upland Vegetation - Annual and Perennial Grassland
1507	6/27-36	6/27-36	N/A									WAS FROM HILLSIDE	MM	6/27/2011	45.32262328270	-118.20713054700		108.1	North American Arid West Emergent Marsh
1508	6/27-36	6/27-36	N/A	pinecone in rOAD PP 5	CRATAGEUS 3 SYMALB 45	POABUL 10 TEACAP 10 BROSTE 35 POAPRA 15	GERVIS 3 LUPINE 3	5	4	TEACAP & HOUNDS TONGUE	TEACAP ON ROADSIDE,HOUNDS TONGUE SCATTERED PLANTS		MM	6/27/2011	45.32301934940	-118.20758101300		108.1	North American Arid West Emergent Marsh
1509	6/27-37	6/27-37	N/A							WHITETOP	3 x 20 FT		MM	6/27/2011	45.32716466620	-118.21300511200		107.8	Introduced Upland Vegetation - Annual and Biennial Forbland
1510	6/26-1	DELETE POINT	SW	PINPON DOUG FIR LARCH GRAND FIR	SYMALB		THERMOPSIS STRAWBERRY						MM	6/26/2011	45.43106122760	-118.40102215800		95.0	Northern Rocky Mountain Ponderosa Pine Woodland and Savanna
1511	6/26-2	6/26-2	N	PINPON 5 DOUG FIR 10 LARCH 30 GRAND FIR 5	ROSA SP 15 SYMALB 35	CALAMAGROSTIS 5	STRAWBERRY 5 THERMOPSIS 10	0	3			LOGGED AREA	MM	6/26/2011	45.43044322760	-118.40071549200		95.1	Northern Rocky Mountain Dry-Mesic Montane Mixed Conifer Forest
1512	6/26-3	6/26-3	N	PINPON 5 PICON 10 LARCH 35 GRAND FIR 5 DOUG-FIR 15	SYMPHORICARPUS OREOPHYLUS (SYMOR)E 20 VACCINIUM SCOPARIUM (VACSCO) 10 CEANOTHUS VELUTINUS (CEAVEL) 5	CAREX GEYERII (CARGEY) 5 CALAMAGROSTIS RUBESCENS (CALRUB) 10	STRAWBERRY 5 ARNCOR 2	0	3				MM	6/26/2011	45.43011827550	-118.37946617900		96.1	Northern Rocky Mountain Dry-Mesic Montane Mixed Conifer Forest
1513	6/26-4	6/26-4	N/A	wet tracks in road								LOW WET AREA	MM	6/26/2011	45.43088107550	-118.38045186200		96.1	North American Arid West Emergent Marsh
1514	6/26-7	6/26-7	NW	GRAND FIR 5 PINCON 25 DOUG-FIR 5 LARCH 35	SYMORE 15 ARCTOSTAPHYLUS UVA-URSI (ARCUVA) 5	NEEDLEGRASS 5	THERMOPSIS 10 STRAWBERRY 5	0	3				MM	6/26/2011	45.42852014200	-118.37722619600		96.2	Northern Rocky Mountain Dry-Mesic Montane Mixed Conifer Forest
1515	6/26-8	6/26-8	N/A	grasses and pon in back								MEADOW	MM	6/26/2011	45.42837575860	-118.37618806300		96.3	North American Arid West Emergent Marsh
1516	6/26-9	6/26-9	S	LARCH 20 PICENG 5 PINCON 15 GRAND FIR 15	ROSA SP 10 SYMORE 15	BROMUS INERMIS (BROINE) 10	THERMOPSIS 10 STRAWBERRY 5	0	3			SAME PL COMMUNITY ON THIS ACCESS ROAD	MM	6/26/2011	45.42600579190	-118.37348509800		96.5	Northern Rocky Mountain Dry-Mesic Montane Mixed Conifer Forest
1517	6/26-10	6/26-10	N/A	dry ruts in rOAD								LOW WET AREA	MM	6/26/2011	45.42572597520	-118.37275074800		96.5	North American Arid West Emergent Marsh
1518	6/26-11	6/26-11	E	LARCH 5 DOUG-FIR 10 GRAND FIR 5 PINCON 10 PINPON 20	CEAVEL 5 SYMALB 15 ROSA 10	CARGEY 10 BROINE 10 CALRUB 5	THERMOPSIS 5 STRAWBERRY 5	0	3				MM	6/26/2011	45.42335970850	-118.37019291600		96.7	Northern Rocky Mountain Dry-Mesic Montane Mixed Conifer Forest
1519	6/26-12	6/26-12	N/A	truck behind tree								wET AREA, EXTENDS ON THIS ACCESS ROAD TO BUFFER	MM	6/26/2011	45.42331217500	-118.36906249900		96.8	North American Arid West Emergent Marsh
1520	6/26-13	6/26-13	E	PINPON 35 DOUG-FIR 5	CEAVEL 2 SYMALB 10 ROSA SP 2	CARGEY 20 POAPRA 5	POTENTILLA 2	10	3				MM	6/26/2011	45.41920645840	-118.36620646700		97.1	Northern Rocky Mountain Ponderosa Pine Woodland and Savanna
1521	6/26-14	6/26-14		LARCH 35 GRAND FIR 10 DOUG-FIR 5 PINPON 5	SYMALB 15 CEAVEL 10	CARGEY 8 POAPRA 15	STRAWBERRY 10 POTENTILLA 10	0	3				MM	6/26/2011	45.41931242480	-118.36396881700	6/26-14xx	97.1	Northern Rocky Mountain Dry-Mesic Montane Mixed Conifer Forest
1522	6/26-15	6/26-15	N/A	trimble in mud								SMALL DRAINAGE FROM SIDEHILL, DRAINAGE PARALLELS ACCESS ROAD AT EDGE OF BUFFER	MM	6/26/2011	45.41628284120	-118.36077730200		97.5	North American Arid West Emergent Marsh
1523	6/26-16	6/26-16	N/A	trimble in rOAD								DRAINAGE FROM SIDEHILL	MM	6/26/2011	45.41666764120	-118.36100231800		97.5	North American Arid West Emergent Marsh
1524	6/26-17	NO PHOTO										DRAINAGE FROM SIDEHILL	MM	6/26/2011	45.41865692450	-118.36106280100		97.5	North American Arid West Emergent Marsh
1525	6/26-18	6/26-18	SE	PINPON 8 PINCON 15	ARTEMESIA CANA 2 SYMALB 5	CARGEY 15 NEEDLEGRASS 10 POABUL 5	BRODIAEA 3 DELPHINIUM 3 THERMOPSIS 5 SEDU 5 LOMATIUM 5	10	3			INTERSPERSES WITH P PINE SAVANNA & MIXED CONIFER FOREST ACROSS LANDSCAPE	MM	6/26/2011	45.41837374110	-118.35977215200		97.5	Northern Rocky Mountain Ponderosa Pine Woodland and Savanna
1526	6/26-19	6/26-19		roAD on left								SMALL DEPRESSION, WETLAND AREAS CONTINUE INTERMITTENTLY TO END OF ACCESS ROAD	MM	6/26/2011	45.41785985770	-118.35860910200		97.6	North American Arid West Emergent Marsh
1527													MM	6/26/2011	45.39470810730	-118.33754304400		99.4	UNKNOWN
1528	6/26-30	6/26-30	N	PINPON 20	SYMALB 3	POAPRA 20 POABUL 20	ONION 15 SEDUM 5 ACHMIL 5	20	4				MM	6/26/2011	45.39471540730	-118.33754431000	6.26-30mm	99.4	Northern Rocky Mountain Ponderosa Pine Woodland and Savanna
1529	6/26-31	6/26-31	N/A									SEEP	MM	6/26/2011	45.39556414060	-118.33782369300		99.3	North American Arid West Emergent Marsh
1530													MM	6/27/2011	45.40147516910	-118.34504186900		98.8	UNKNOWN
1531	6/26-32	6/26-32	S	DOUG-FIR 20 PINCON 15 PONPIN 5 GRAND FIR 30	SYMORE 5 VACSCO 15	CALRUB 10	STRAWBERRY 8 ARNCOR 8	0	3				MM	6/26/2011	45.39938394050	-118.34062197500	6/26-32xx	99.0	Northern Rocky Mountain Dry-Mesic Montane Mixed Conifer Forest
1532	6/26-33	6/26-33	NW	PONPIN 30	ARTEMESIA CANA 5	POABUL 5 POAPRA 5	SEDUM 10 ERIGERON 8	35	4				MM	6/26/2011	45.40257429070	-118.34418260800		98.7	Columbia Plateau Low Sagebrush Steppe
1533	6/26-34	6/26-34	NW	DOUG-FIR 20 PINCON 15 PONPIN 5 GRAND FIR 30	SYMORE 5 VACSCO 15	CALRUB 10	STRAWBERRY 8 ARNCOR 8	0	3			take species &% from last MIXED CONIFER FOREST	MM	6/26/2011	45.40516847410	-118.34656242300		98.5	Northern Rocky Mountain Dry-Mesic Montane Mixed Conifer Forest
1534	6/26-35	6/26-35	NW	PINPON 10 DOUG-FIR 5	RIBES 2	POAPRA 15 CARGEY 5 NEEDLEGRASS 10	MERTENSIA 5 POTENTILLA 3						MM	6/26/2011	45.41009867420	-118.35208997100		98.1	Northern Rocky Mountain Ponderosa Pine Woodland and Savanna
1535	6/26-36	6/26-36	N/A									WETLAND AREA ALL ALONG ACCESS ROAD N TO BUFFER	MM	6/26/2011	45.41081387420	-118.35263697100		98.0	North American Arid West Emergent Marsh
1536													MM	6/25/2011	45.48235051420	-118.47489686800		89.6	UNKNOWN
1537	6/25-1	6/25-1	S	PINPON 5	SYMALB 1	POABUL 5	ACHMIL 10 ASTER SP 5	15	5			WEEDY UNDERSTORY	MM	6/25/2011	45.48297419740	-118.47392721800		89.6	Northern Rocky Mountain Ponderosa Pine Woodland and Savanna
1538	6/25-2	6/25-2										WET AREAS ALL ALONG ACCES ROADS	MM	6/25/2011	45.48277008080	-118.47442460100		89.6	North American Arid West Emergent Marsh
1539	6/25-3	6/25-3	W	PINPON 35 DOUG-FIR 15 GRAND FIR 5	SYMALB 20 ROSA SP 5	VULPIA 5 POABUL 10 CAREX GEYER I (CARGEY) 5 POAPRA 5	THERMOPSIS 3 ACHMIL 10 DELPHINIUM 3 ASTER SSP 15	5	4			WETLAND AREA PARALLELS ACCESS ROAD	MM	6/25/2011	45.48351414780	-118.47843963400	6/25-3xx	89.4	Northern Rocky Mountain Dry-Mesic Montane Mixed Conifer Forest
1540	6/25-4	6/25-4		log in photo								SMALL DEPRESSION EDGE OF ACCESS ROAD	MM	6/25/2011	45.48234384610	-118.46114998700		90.2	North American Arid West Emergent Marsh
1541	6/25-5	6/25-5	SW	PINPON 10 DOUG-FIR 5	SYMALB 3	SMOOTH BROME 10 CARGEY 5 ORCHARD GRASS 15	DELPHINIUM 3 THERMOPSIS 5 ACHMIL 10 SEVERAL WEEDY FORB SPECIES 10	10	4	HOUNDS TONGUE SEVERAL SCATTERED INDIVIDUALS		PREVIOUSLY LOGGED PARTLY RESEESDED SKID ROAD	MM	6/25/2011	45.48228267950	-118.46160713700		90.2	Northern Rocky Mountain Dry-Mesic Montane Mixed Conifer Forest

OBJECTID	ID	PH_NUM	DIR	TREE	SHRUB	HERB	FORB	BG	HAB_QAL	NOX	SIZE	NOTES	NAME	DATE_	Lat	Long	CoverSheet	MilePost	EcoSys_Rev
1542	6/25-6	6/25-6	NA									SMALL DEPRESSION	MM	6/25/2011	45.48073001330	-118.46477923700		90.1	North American Arid West Emergent Marsh
1543	6/25-7	6/25-7	na									SNAG	MM	6/25/2011	45.48142504640	-118.46316873700		90.1	Sensitive Habitat/Rare Plant
1544	6/25-8	6/25-8	W	PINPON 10 DOUG-FIR 15 GRAND FIR 5 PINCON 2	SYMALB 15 RIBES 2 ROSA SP 2 VACCINIUM 3 SALIX SCOULERIANA Trace	CALAMAGROSTIS 5 CARGEY 3 POABUL 5	THERMOPSIS 5 ANEMONE 1 STRAWBERRY 2 GEUM 3	5	3				MM	6/25/2011	45.48233504600	-118.45988798700		90.2	Northern Rocky Mountain Dry-Mesic Montane Mixed Conifer Forest
1545	6/25-9	6/25-9	na									WET SHRUBBY AREA, EXTENDS S TO BUFFER	MM	6/25/2011	45.47831051240	-118.45364187300		90.6	North American Arid West Emergent Marsh
1546	6/25-10	6/25-10		puddle								LOW WET AREA	MM	6/25/2011	45.47813881060	-118.43586062600		91.4	North American Arid West Emergent Marsh
1547	6/25-11	-11	W	PINCON 10 DOUG-FIR 25 LARCH 2	SYMALB & SYMORE 35 ROSA SP 5 ARCTOSTAPHYLUS 1	SMOOTH BROME 10	THERMOPSIS 10 STRAWBERRY 3 ACHMIL 8	0	3				MM	6/25/2011	45.47715314400	-118.43580575900		91.4	Northern Rocky Mountain Dry-Mesic Montane Mixed Conifer Forest
1548	6/25-12	6/25-12		truck								WET OPEN SLOPE	MM	6/25/2011	45.47484576100	-118.43717264300		91.4	North American Arid West Emergent Marsh
1549	6/12-13	6/12-13	W	PINPON 15 DOUG-FIR 25 LARCH 5	RIBES 5 SYMORE 10	POABUL 8 POAPRA 5 ORCHARD GRASS 5	THERMOPSIS 5 ACHMIL 15 STRAWBERRY 3	10	3				MM	6/25/2011	45.47256236120	-118.43634492700		91.6	Northern Rocky Mountain Dry-Mesic Montane Mixed Conifer Forest
1550	6/25-14	6/25-14	na									LoW WET AREA ON ROAD	MM	6/25/2011	45.47122256130	-118.43708204400		91.6	North American Arid West Emergent Marsh
1551	6/25-15	6/25-15	NA									WET MEADOW S SIDE BUFFER	MM	6/25/2011	45.46950762810	-118.43676369400		91.7	North American Arid West Emergent Marsh
1552	6/25-17	NO PHOTO		PINPON 15 DOUG-FIR 25 LARCH 5	SYMORE 15	POABUL 8 POAPRA 5 ORCHARD GRASS 5	THERMOPSIS 10 ACHMIL 15	5	3				MM	6/25/2011	45.46411664510	-118.43597171200		92.0	Northern Rocky Mountain Dry-Mesic Montane Mixed Conifer Forest
1553	6/25-18	6/25-18	truck NW	PINPON 10	SYMALB 10	STIPA SP 3	CAMAS 2 SEDUM 20 DELPHINIUM 8 ACHMIL 2 LOMATIUM 15 WEEDY COMPOSITE 10	30	4			PL COMMUNITY INCLUDES 85% OF LAYDOWN AREA & EDGES OF ALL CONNECTING ROADS	MM	6/25/2011	45.46066836240	-118.43904351200	6.25-18mm	92.2	Columbia Basin Foothill Riparian Woodland and Shrubland
1554	6/25-19	6/25-19	N	PINPON 10 DOUG-FIR 30	PHYSOCARPUS 20	POABUL 5 RUDBECKIA 5 CALAMAGROSTIS 10	ARNICA CORDIFOLIA (ARNCOR) 10 ACHMIL 10 THERMOPSIS 15 STICKY GERANIUM 5	5	5			WETLANDS ALONG ENTIRE AREA OF THIS PL COMM	MM	6/25/2011	45.46353176270	-118.44505066100		91.5	Northern Rocky Mountain Dry-Mesic Montane Mixed Conifer Forest
1555	6/25-20	6/25-20	N	log in photo	ERIOGONUM 10 SEDUM 20	WHITE -FLOWERED ONION 20	MISCELLANEOUS SMALL WEEDY FORBS 20	20	5				MM	6/25/2011	45.46535102920	-118.44407456000		91.5	Introduced Upland Vegetation - Annual and Biennial Forbland
1556	6/25-21	6/25-21	N	PINPON 10 DOUG-FIR 30	PHYSOCARPUS 20	POABUL 5 CALAMAGROSTIS 10	RUDBECKIA 5 ARNCOR 10 ACHMIL 15 THERMOPSIS 10 STICKY GERANIUM 5	5	5				MM	6/25/2011	45.46597426230	-118.44273501000		91.5	Northern Rocky Mountain Dry-Mesic Montane Mixed Conifer Forest
1557	6/25-22	6/25-22	NW	PINPON 20 DOUG-FIR 10		CALAMAGROSTIS 10	THERMOPSIS 10 ACHMIL 5 SEDUM 8 MERTENSIA 10	10	4			BOTH SPLITS OF ACCESS ROAD same pl community	MM	6/25/2011	45.46655634840	-118.44117961500		91.6	Northern Rocky Mountain Dry-Mesic Montane Mixed Conifer Forest
1558	6/25-25	6/25-25	S	tree shadows in photo		PERENNIAL GRASSES 35	GEUM 10 STICKY GERANIUM 5 CLOVER 25 BUTTERCUP 5	20	4				MM	6/25/2011	45.47019911210	-118.44502767600		91.3	Columbia Plateau Steppe and Grassland
1559	6/25-26	6/25-26	W	GRAND FIR 20 DOUG-FIR 15 LARCH 10	ROSA SP 5 SYMORE 5 VACCINIUM 5	CALAMAGROSTIS 25 CARGEY 5	MERTENSIA 5 THRMOPSIS 15 ARNCOR 10	5	3				MM	6/26/2011	45.45467292890	-118.43246198100		92.6	Northern Rocky Mountain Dry-Mesic Montane Mixed Conifer Forest
1560	6/25-27	NO PHOTO	W	PINPON 20 DOUG-FIR 5	SYMALB 5		CAMAS 5 DELPHINIUM 2 ACHMIL 15 WHITE-FLOWERED ONION 10 SEDUM 5	10	4			this pl community intergrades with laydown yard & may also be a wetland	MM	6/26/2011	45.45627189580	-118.43606758000		92.5	Northern Rocky Mountain Ponderosa Pine Woodland and Savanna
1561	6/25-28	6/25-28	NA							SNAG			MM	6/26/2011	45.45617264580	-118.43628966400		92.5	Noxious Weeds
1562	6/24-1	6/24-1	NW		SYMPHORICARPOS ALBUS (SYMALB) 3 ROSA SP 2	POABUL 5 VULPIA 25 BROSTE 15 POAPRA 5	LOMATIUM 5 THERMOPSIS SP 10 POTENTILLA 15	15	5				MM	6/24/2011	45.48787776800	-118.56931660800		84.7	Introduced Upland Vegetation - Annual and Perennial Grassland
1563	6/24-2	6/24-2	N/A								"	SEEP IN LOW AREA	MM	6/24/2011	45.48702095120	-118.57173480600		84.6	North American Arid West Emergent Marsh
1564	6/24-3	6/24-3	N/A									SEEP IN LOW AREA, OTHER SEEPS ADJACENT	MM	6/24/2011	45.48773764430	-118.56856887800		84.7	North American Arid West Emergent Marsh
1565	6/24-4	6/24-4	NW	COWS IN PHOTO		VULPIA 30 BROSTE 25 POAPRA 25	LOMATIUM 5 POTENTILLA 3		5				MM	6/24/2011	45.48897066030	-118.56318711900	6/24-4xx	85.0	Introduced Upland Vegetation - Annual and Perennial Grassland
1566	6/24-5	6/24-5	N/A									LOW WET AREA, SEVERAL OTHERS IN LAYDOWN YARD	MM	6/24/2011	45.48942987600	-118.56350605700		85.0	North American Arid West Emergent Marsh
1567	6/24-6	6/24-6	W	PINPON 2		POABUL 10 VULPIA 15 BROSTE 10	UNKNOWN COMPOSITE 10 POTENTILLA 10 ACHMIL 15	15	5			PERCENT AGES DO NOT INCLUDE EXISTING DIRT ROAD	MM	6/24/2011	45.48800219520	-118.56073349200		85.1	Introduced Upland Vegetation - Annual and Biennial Forbland
1568	6/24-7	NO PHOTO	NA									SEEP IN LOW AREA	MM	6/24/2011	45.48671846420	-118.55542649200		85.5	North American Arid West Emergent Marsh
1569	6/24-8	6/24-8	W	PINPON 15	ROSA 20 SYMALB 25 ALMALN 5	POABUL 5POAPRA 5	THERMOPSIS 10 GEUM 2 ACHMIL 5		4				MM	6/24/2011	45.49217864090	-118.54004566600		86.3	Northern Rocky Mountain Ponderosa Pine Woodland and Savanna
1570	6/24-9	6/24-9	N/A					2	5			LOW WET AREA, CONTINUES S TO BUFFER	MM	6/24/2011	45.49218995350	-118.54182553000		86.2	North American Arid West Emergent Marsh
1571	6/24-8	6/24-8	W	PINPON 15	ROSA 20 SYMALB 25 ALMALN 5	POABUL 5POAPRA 5	THERMOPSIS 10 GEUM 2 ACHMIL 5		4			SEEP, REST OF EAST-WEST ACCESS %OAD IS PINPON/SNOBERRY PL COMMUNITY	MM	6/24/2011	45.49145729890	-118.54467031400		86.1	Northern Rocky Mountain Ponderosa Pine Woodland and Savanna
1572	6/24-9	6/24-9	N/A	evonnebinnphoto		POASEC 30 POABUL 5	ACHMIL 15 GEUM SP 4 UNKNOWN COMPOSITE 15	2	5				MM	6/24/2011	45.49221035140	-118.53995427100		86.3	North American Arid West Emergent Marsh
1573	6/24-10	6/24-10	S	PINPON 20 DOUG-FIR 2 GRAND FIR 1	AMEALN 15 AMEALN 5	CALAMAGROSTIS 15 POASEC 10	THERMOPSIS 5 ACHMIL 5 ERIGERON 5	2	4				MM	6/24/2011	45.50350174350	-118.52154321300	6/24-10xx	87.2	Northern Rocky Mountain Dry-Mesic Montane Mixed Conifer Forest
1574	6/24-11	6/24-11	N/A									ROAD CROSSES STREAM	MM	6/24/2011	45.50181756850	-118.52090490200		87.2	North American Arid West Emergent Marsh
1575	6/24-14	6/24-14	S	PINPON 2	AMEALN 5	NEEDLEGRASS 3 JUNCUS 5 POAPRAT 15 POABUL 20 VULPIA 30 KOEMAC 5	LOMATIUM 2 ACHMIL 5 DELPHINIUM 1	0	4			POSSIBLE WET	MM	6/24/2011	45.49609532590	-118.52714224100		86.9	North American Arid West Emergent Marsh
1576	6/24-15	6/24-15	W	PINPON 10 DOUG-FIR 15 GRAND FIR 1	AMEALN 20 ROSA SP 5 PHYSOCARPUS 5	CALAMAGROSTIS 5 POABUL 4 NEEDLEGRASS 3	ERIGERON 3 GEUM 2 POTENTILLA 5 THERMOPSIS 3 ASTER 1	2	3			SAME PLANT COMMUNIITY IS ALSO AT ACCESS ROAD AT MILE 88.5	MM	6/24/2011	45.49192789330	-118.52205593600	6/24-15xx	87.2	Northern Rocky Mountain Dry-Mesic Montane Mixed Conifer Forest
1577	6/24-16	6/24-16	N/A	puddle in roAD								WETMEADOW	MM	6/24/2011	45.48915606950	-118.49521405400		88.5	North American Arid West Emergent Marsh
1578	6/24-17	6/24-17	N/A	multiple tire tradcks								LOW QAREA	MM	6/24/2011	45.49110225870	-118.50869239500		87.8	North American Arid West Emergent Marsh
1579	6/24-18	6/24-18	N/A	downee wood in phOTO								LOW WET AREA]	MM	6/24/2011	45.49199410950	-118.51222260900		87.6	North American Arid West Emergent Marsh
1580	6/24-19	6/24-19	N/A	fLOWERINGBN CELTIS								LOW WET AREA	MM	6/24/2011	45.49204662360	-118.51519905300		87.5	North American Arid West Emergent Marsh
1581	6/24-20	6/24-20	N/A	dELPHINIUM IN phOTO								WET DEPRESSION	MM	6/24/2011	45.49250048600	-118.51923213600		87.3	North American Arid West Emergent Marsh
1582	6/21-1	-1	W			SOFTCHESS 2 BROJAP 70 BROTEC 5	TEASEL 2 MEDSAT 5 ACHMIL 1 AMSINKIA 2	0	5				MM	6/21/2011	45.49349662280	-118.75056723100	6/21-1xx	75.4	Introduced Upland Vegetation - Annual and Perennial Grassland
1583	6/21-2	-2	N/A									PERENNIAL STREAM	MM	6/21/2011	45.49336588980	-118.75448219600		75.2	North American Arid West Emergent Marsh
1584	6/21-3		NO PHOTO							HOUNDS TONGUE , MEDUSAHEAD	SMALL SCATTERED PATCHES IN RIPARIAN AREA		MM	6/21/2011	45.49342617310	-118.75438719600		75.2	Noxious Weeds
1585	6/21-4	-4	W			BROJAP 40 VULPIA 10 AGRSPI 10 ELYCIN 10	CANADA THISTLE 8	0	5	HYPFER CONARV TEASEL TENEATHRUM ALL PRESENT AS SCATTERED INDIVIDUAL PLS		EVIDENCE OF PREV SEEDING	MM	6/21/2011	45.49344955650	-118.75474048000		75.2	Introduced Upland Vegetation - Annual and Perennial Grassland
1586	6/21-5	-5										DITCH WITH WATER	MM	6/21/2011	45.49343000690	-118.75921457900		75.0	North American Arid West Emergent Marsh
1587	6/21-6	-6	W			HYBRID SEEDED WHEATGRASS 15 VULPIA 5 AGRSPI 2 BROJAP 75	DESPIN 2 WEEDY WILD CELERY CANADA THISTLE 2	5	5	TEASEL T HYPFER TRACE			MM	6/21/2011	45.49338954030	-118.75949629500		75.0	Introduced Upland Vegetation - Annual and Perennial Grassland
1588	6/21-7	-7	NA									DITCH	MM	6/21/2011	45.49375577440	-118.76809631000		74.6	Columbia Basin Foothill Riparian Woodland and Shrubland
1589	6/21-8	-8	NA							SCOTCH THISTLE	3 SCATTERED PLANTS		MM	6/21/2011	45.49375832440	-118.76807461000		74.6	Noxious Weeds
1590	6/21-9	-9	W						5			WHEAT FIELD	MM	6/21/2011	45.49373320770	-118.76821917700		74.6	Cultivated Crops and Irrigated Agriculture
1591	6/21-10	-10	NA									PERENNIAL STREAM	MM	6/21/2011	45.49382449120	-118.76922676000		74.5	North American Arid West Emergent Marsh
1592	6/21-11	-11	NA							HYPFER	5 FT WIDE STRIP ALONG FENCELINE PERPINDICULAR TO BUFFER		MM	6/21/2011	45.49383479120	-118.76946942700		74.5	Noxious Weeds

OBJECTID	ID	PH_NUM	DIR	TREE	SHRUB	HERB	FORB	BG	HAB_QAL	NOX	SIZE	NOTES	NAME	DATE_	Lat	Long	CoverSheet	MilePost	EcoSys_Rev
1593	6/21-12	-12	W			AGRSPI 10 POASEC 15 BROJAP 30SOFTCHESS 5 VULPIA 20 TENEATHRUM 5	ERIOGONUM 3 TAPERTIP ONION 1	5	5	TENEATHRUM IN SEVERAL 20 X 20 FT PATCHES TCHES			MM	6/21/2011	45.49386332450	-118.76952759300		74.5	Introduced Upland Vegetation - Annual and Perennial Grassland
1594	6/21-13	-13	W			FESIDA 65 AGRSMI 10		30	3				MM	6/21/2011	45.49372415820	-118.77230654300	6/21-13xx	74.4	Columbia Plateau Steppe and Grassland
1595	6/21-14	-14	E			SOFTCHESS 5 BROTEC 20	TEASEL 35 DESPIN 5 WEEDY CELERY 15	10	5	HYPFER TEASEL	TEASEL 1.5 AC		MM	6/21/2011	45.49369375900	-118.78077262500		74.0	Introduced Upland Vegetation - Annual and Perennial Grassland
1596	6/21-15	-15	N			VULPIA 20 BROJAP 25 AGRSPI 15 AGRSMI 5	DESPIN 5WEEDY CELERY 15 MEDSAT 15	10	4				MM	6/21/2011	45.49420684240	-118.78138544100		73.9	Columbia Plateau Steppe and Grassland
1597	6/21-16	NO PHOTO								TEASEL AND HYPFER	.5 AC	WEEDY CORNER OF FIELD	MM	6/21/2011	45.50071045850	-118.78130184000		73.4	Noxious Weeds
1598	6/21-17	-17	NW			FESIDA 40 AGRSPI 20 VULPIA 10 BROTEC 15	DESPIN 15 WEEDY CELERY 5	15	4	CANADA THISTLE	1\2 AC		MM	6/21/2011	45.50072922520	-118.78155677300		73.4	Columbia Plateau Steppe and Grassland
1599	6/21-17	17	NW									WHEAT	MM	6/7/2011	45.51593432460	-118.78703898600		72.3	Cultivated Crops and Irrigated Agriculture
1600	6/21-19	-19both in photo	NW			add to sheet HORJUB 30 BROJAP 25 BROTEC 15	YELLOW SWEET CLOVER 15 DESPIN 35 WEEDY CLOVER 10	10	5	TENEATHRUM	SCATTERED THROUGHOUT STAND		MM	6/29/2011	45.51771670830	-118.79169608500	6/21-19xx	72.1	Introduced Upland Vegetation - Annual and Biennial Forbland
1601	6/22-1	6/22-1	NW			MEDUSAHEAD 5 POABUL 10 BROMUS STERILIS (BROSTE) 65 POASEC 10	YELLOW LUPINE 5	15	5	MEDUSAHEAD SCATTERED THROUGHOUT	SCATTERED PATCHES THROUGHOUT		MM	6/22/2011	45.48341476480	-118.69605181400		78.2	Introduced Upland Vegetation - Annual and Perennial Grassland
1602	6/22-2	6/22-2	W			AGRSPI 5 POABUL 15 POVERTY BROME 45 POASEC 20	ACHMIL 1 UNKNOWN COMPOSITE 5	15	4				MM	6/22/2011	45.48612660250	-118.70221194200		77.9	Introduced Upland Vegetation - Annual and Perennial Grassland
1603	6/22-3	6/22-3	NW	evonne and shrub n photo		FESIDA 65 BROSTE 10	ACHMIL 3 YELLOW LUPINE 20	5	3			same pl community on this road only	MM	6/22/2011	45.48494028640	-118.70787249100	6.22-3mm	77.6	Columbia Plateau Steppe and Grassland
1604	6/22-4	6/22-4	WE	rocks in photo		POABUL 10 BROSTE 65 BROJAP 15	YELLOW LUPINE 5	10	5			Spur road all same pl comm	MM	6/22/2011	45.48465076980	-118.70870442400		77.6	Introduced Upland Vegetation - Annual and Perennial Grassland
1605	6/22-6	no photo								MEDUSAHEAD SCATTERED THROUGHOUT	SCATTERED THROUGHOUT		MM	6/22/2011	45.48387657050	-118.71611540600		77.3	Noxious Weeds
1606	6/22-7	6/22-7	N	yellow lupine in photo		BROSTE 15 MEDUSAHEAD 10 BROHOR 20 KY BLUE GRASS 5	AMSINKIA 5 ACHMIL 5 HYPPER 10 YELLOW LUPINE 20 MANY WEEDY FORB SP	5	3	MEDUSAHEAD SCATTERED THROUGHOUT			MM	6/22/2011	45.48452105380	-118.71648257300		77.2	Introduced Upland Vegetation - Annual and Biennial Forbland
1607	6/22-8	6/22-8	E	CRATAEGUS DOUGLASII								CRATAGEOUS DOUGLASII IN DRAINAGE	MM	6/22/2011	45.48756876980	-118.71290700600		77.3	Other Waters
1608	6/22-9	6/22-9	NW	CRATAEGUS DOUGLASII								CRATAGEOUS DOUGLASII IN DRAINAGE	MM	6/22/2011	45.48716335300	-118.71055845600		77.4	Other Waters
1609	6/22-10	6/22-10	N			BROSTE 65 MEDUSAHEAD 10 AGRSPI 10	HYPPER 20 AMSINKIA 15	5	5				MM	6/22/2011	45.48795028620	-118.71009084000	6/22-10xx	77.5	Introduced Upland Vegetation - Annual and Perennial Grassland
1610	6/22-11	6/22-11	W		ROSA SP 5	POA PRATENSIS 60 FESIDA 5 MEDUSAHEAD SCATTERED THROUGHOUT 5 BROSTE 10	HYPPER 10 ACHMIL 1 LUPINE 15	5	4				MM	6/22/2011	45.48717966960	-118.71062350600		77.4	Introduced Upland Vegetation - Annual and Perennial Grassland
1611	6/22-13	6/22-13	W			AGRSPI 5 VULPIA 10 MEDUSAHEAD 20 BROHOR 25 POASEC 10	YELLOW LUPINE 15 HYPPER 10	5	5	MEDUSAHEAD SCATTERED THROUGHOUT			MM	6/22/2011	45.48808950340	-118.71624733800		77.2	Introduced Upland Vegetation - Annual and Perennial Grassland
1612	6/22-17	6/22-17	S	drainage in photo		BROSTE 15	Anthriscus scandicina 30 DESPIN 30 HYPPER 30	2	5				MM	6/22/2011	45.49011953750	-118.72749136900	6/22-17xx	76.6	Introduced Upland Vegetation - Annual and Biennial Forbland
1613	6/22-20	6/22-20	W			AGRSMI 50 BROSTE 30	HYPPER 10	5	4				MM	6/22/2011	45.48966228760	-118.72814425200		76.5	Columbia Plateau Steppe and Grassland
1614	6/22-21	6/22-21	S	evonne in photo		MEDUSAHEAD 10 BROSTE 55 AGRSMI 30	TEASEL 5 HYPPER 15	15	4	MEDUSAHEAD SCATTERED THROUGHOUT			MM	6/22/2011	45.49165645450	-118.73259353400		76.3	Introduced Upland Vegetation - Annual and Perennial Grassland
1615	6/22-22	6/22-22	N							EPHEMERAL STREAM			MM	6/22/2011	45.48949507150	-118.73376803400		76.2	North American Arid West Emergent Marsh
1616	6/22-23	6/22-23	S			BROSTE 20 AGRSPI 5	HYPPER 20 Anthriscus scandicina 20 TEASEL 5 VICIA SP 2	5	5				MM	6/23/2011	45.49137558870	-118.74032633300		75.9	Introduced Upland Vegetation - Annual and Biennial Forbland
1617	6/22-24	6/22-24	S	evonne head in photo		BROSTE 65 VULPIA 20	ACHMIL 5 LUPINE 1	5	5				MM	6/23/2011	45.49273363970	-118.75303418000		75.3	Introduced Upland Vegetation - Annual and Perennial Grassland
1618	6/22-28	no photo	N			AGRSPI 45 BROSTE 15		15	3				MM	6/29/2011	45.49150643990	-118.75382491400		75.3	Columbia Plateau Steppe and Grassland
1619	6/23-1	6/23-1	SE			LICHEN 30 POABUL 15 POASEC 5	ARENARIA 5 ERIOGONUM 8 PHLOX 4	25	4	TEACAP PRESENT			MM	6/23/2011	45.48144330110	-118.68378619600	6/23-1xx	78.8	Introduced Upland Vegetation - Annual and Perennial Grassland
1620	6/23-2	6/23-2	SE			FESIDA 5 POABUL 5 KOEMAC 2 VULPIA 20 BROMUS STERILIS (BROSTE) 25 MEDUSAHEAD (TEACAP) 15	YELLOW LUPINE 5	10	4	TEACAP SCATTERED THROUGHOUT		both tower spur roads same pl community	MM	6/23/2011	45.47963275100	-118.68091419700		79.0	Columbia Plateau Steppe and Grassland
1621	6/23-3	6/23-3	SE			KOEMAC 2 VULPIA 10 POAPRA 40 ANNUAL BROMES 15	POTENTILLA 4 ASTRAGALUS 3 YELLOW LUPINE 10 WYETHIA 10 POABUL 15 ACHMIL 3	5	4			pl community starts 1500 ft north at spur road	MM	6/23/2011	45.47360153360	-118.66808118400		79.7	Columbia Plateau Steppe and Grassland
1622	6/23-4	6/23-4	N/A									WET SEEP	MM	6/23/2011	45.47269920030	-118.66782658500		79.7	North American Arid West Emergent Marsh
1623	6/23-5	6/23-5	N/A									Seep	MM	6/23/2011	45.47131238360	-118.66691441800		79.8	North American Arid West Emergent Marsh
1624	6/23-6	6/23-6	N/A									SHALLOW DRAW INTERCONNECTED TO OTHER DRAWS ACROSS LANDSCAPE	MM	6/23/2011	45.47041605030	-118.66570310200		79.8	North American Arid West Emergent Marsh
1625	6/23-7	6/23-7					add cinquefoil 4 & KoECRI 2to poapra grassland previous					SHALLOW DRAW	MM	6/23/2011	45.46917966670	-118.66257071900		79.8	North American Arid West Emergent Marsh
1626	6/23-8	6/23-8	N/A									SHALLOW DRAW, PROPOSED ACCESS RD RECROSSES SAME DRAW MULTIPLE TIMES	MM	6/23/2011	45.46785993320	-118.66003243700		79.8	North American Arid West Emergent Marsh
1627	6/23-9	6/23-9	S			BROSTE 35 VULPIA 5 POASEC 20 POABUL 15 BROTEC 10	ACHMIL 3 ERODIUM 2 YELLOW LUPINE 20 ASTRAGULUS 1	5	4			GRAZED PASTURE pl community starts 300 ft s	MM	6/23/2011	45.46786591590	-118.65335073800	6/23-9xx	79.9	Introduced Upland Vegetation - Annual and Perennial Grassland
1628	6/23-10	6/23-10										STOCK POND	MM	6/23/2011	45.46858508240	-118.65255347100		79.9	North American Arid West Emergent Marsh
1629	6/23-11	6/23-11	N/A									SHALLOW SEEP	MM	6/23/2011	45.47760039600	-118.62902049000		81.7	North American Arid West Emergent Marsh
1630	6/23-12	NO PHOTO								TEACAP SCATTERED IN WITH BROSTE	APPROX .25 AC		MM	6/23/2011	45.47979839600	-118.63008517300		81.7	Noxious Weeds
1631	6/23-13	6/23-13	N/A									ROCK OUTCROP	MM	6/23/2011	45.48155009580	-118.62998982300		81.7	Inter-Mountain Basins Cliff and Canyon
1632	6/23-14	6/23-14	W	canyon in photo		TEACAP 25 VULPIA 20 BROSTE 25	HYPPER 5 ACHMIL 2 ASTRAGALUS 2 AMSINKIA 2 YELLOW LUPINE 10	5	5	TEACAP SCATTERED THROUGHOUT		spur roads to buffer same pl community	MM	6/23/2011	45.48571812870	-118.62966543800	6/23-14xx	81.6	Introduced Upland Vegetation - Annual and Perennial Grassland
1633	6/23-15	6/23-15	E	shadow in photo		TEACAP 25 POAPRA 5 BROHOR 15 BROSTE 25 VULPIA 10	Anthriscus scandicina 5 YELLOW LUPINE 10 BALSAG 1	5	5	TEACAP ABUNDANT & SCATTERED THROUGHOUT			MM	6/29/2011	45.48680126140	-118.62462278900		81.9	Introduced Upland Vegetation - Annual and Perennial Grassland
1634	239.8	239.8-1	N		ARTRI 30 CHRVIC 5	AGRCRI 30 ORYHYM 5 POASEC 20 BROTEC 2	PHLOX		3			SAGEBRUSHGOOD CONDITION B STEP	MM	5/15/2011	43.90941470520	-117.44260593300		239.9	Inter-Mountain Basins Big Sagebrush Steppe
1635	239.7	2399.7-1				BROTEC			5	WHITETOP	100 X 40	POPULATION POSSIBLY SPREADING	MM	5/15/2011	43.91153078850	-117.44394233200		239.8	Noxious Weeds
1636	239.71	239.71-1							5	WHITETOP	40 X 50	OTHER SIMILAR SIZE PATCHES NEARBY	MM	5/15/2011	43.91233427170	-117.44395796500		239.7	Noxious Weeds
1637	239.72	239.72-1	N			BROTEC 60 SISYMBRIUM 2		40	5			DRY S FCING SLOPE	MM	5/15/2011	43.91204688840	-117.44399091500		239.7	Introduced Upland Vegetation - Annual and Perennial Grassland
1638	239.72	239.72-1	N		ARTTRI 40	BROTEC 60 SISYMBRIUM 2		40	5				MM	5/15/2011	43.91239082180	-117.44490859800		239.7	Introduced Upland Vegetation - Annual and Perennial Grassland
1639	239.3	-1 -2 -3	W									ROCK OUTCROP/CLIFF 100FT ACROSS 40FT HIGH 3 PHOTOS PANN L TO RT	MM	5/15/2011	43.91270602180	-117.44548441500		239.7	Inter-Mountain Basins Cliff and Canyon
1640	239.2	-1	N									S FACINGBROCK OUTCROP 120 X 30	MM	5/15/2011	43.91375812190	-117.44699311400		239.6	Sensitive Habitat/Rare Plant
1641	239.15	-1	N		ARTTRI BITTRBRUSH	BROTEC		30	4				MM	5/15/2011	43.91413075510	-117.44617716500		239.6	Inter-Mountain Basins Big Sagebrush Steppe
1642	239.10	-1								WHITETOP	80 X 60	DRY OPEN SLOPE	MM	5/15/2011	43.91697310520	-117.44867964700		239.3	Noxious Weeds
1643	239.05	-1										CR	MM	5/15/2011	43.91751510520	-117.44926493000		239.3	UNKNOWN
1644	239.2	-1	N									3 WHITETOP 15X 15, OTHER PATCHES NEARBYY	MM	5/15/2011	43.92158943860	-117.45233467900		239.0	Noxious Weeds
1645	239.3	-1 -2 -3	W			BROTEC 40 POABUL 20	SISYMBRIUM 2	10	5		MM		MM	5/15/2011	43.92146682190	-117.45233749600		239.0	Introduced Upland Vegetation - Annual and Perennial Grassland
1646	238.9	-1	NW			SUNFLOWER 15 BUR BUTTER CUP 15	POABUL 5	20	4			ROCKY HILLTOP SNSHALLOW SOIL	MM	5/13/2011	43.92359437200	-117.45447596200		238.8	Columbia Plateau Steppe and Grassland

OBJECTID	ID	PH_NUM	DIR	TREE	SHRUB	HERB	FORB	BG	HAB_QAL	NOX	SIZE	NOTES	NAME	DATE_	Lat	Long	CoverSheet	MilePost	EcoSys_Rev
1647	238.8	-1	NW		ARTTRI 30	POABUL 5 BROTEC 20	DELPHINIUM 5	20	4				MM	5/13/2011	43.92438760530	-117.45502842800		238.7	Inter-Mountain Basins Big Sagebrush Steppe
1648	238.7	-1	S							YES		WHITETOP 220 FT X 150 FT	MM	5/13/2011	43.92580917200	-117.45653352800		238.6	Noxious Weeds
1649	238.6	-1								WHITE TOP >1000 FT ACROSS SEVERAL SIMILAR SIZE PATCHES ACROSS AREA			MM	5/13/2011	43.92842350540	-117.45939987700		238.4	Noxious Weeds
1650	238.5	-1	NW		ARTTRI 30	BROTEC 20 POASEC 15 STIVIR 5	LUPINE SUNFLOWR	5	4				MM	5/13/2011	43.93084777180	-117.45959915900	238.5mm	238.2	Inter-Mountain Basins Big Sagebrush Shrubland
1651	238.4	-1								WHITE TOP	0>1000 FT SEVERAL SIMILAR PATCHES IN AREA		MM	5/13/2011	43.93667092150	-117.46186185800		237.8	Noxious Weeds
1652	238.3	-1								WHITE TOP		>1000 FT SEVERAL SIM PATCHES SAME NOTE AS PREVIOUS	MM	5/13/2011	43.94332742130	-117.46576172300		237.3	Noxious Weeds
1653	237.9	-1	S						3			SEE SHEET	MM	5/13/2011	43.94677838770	-117.46628233900	237.9mm	237.1	Inter-Mountain Basins Semi-Desert Shrub Steppe
1654	237.0	-1	S									TALUS ROCK SLIDES ON STEEPER PART OF SLOPE	MM	5/13/2011	43.94741847090	-117.46674633800		237.0	Inter-Mountain Basins Cliff and Canyon
1655	237.0	-1	N		ARTTRI 60	POASEC 15 LEYMUS TRI 3		30	4				MM	5/13/2011	43.94794033750	-117.46725557100		237.0	Inter-Mountain Basins Big Sagebrush Shrubland
1656	236.9	-1	N			BROTEC 40POASEC 10	WHITE TOP 40% COVRABNDANT IN LARGE PATCHES		5	Y	1500 FT X 200 FT		MM	5/13/2011	43.94878555430	-117.46889313700		236.9	Introduced Upland Vegetation - Annual and Biennial Forbland
1657	26.8	-1	N		ARTTRI 40 POASEC 10 AGSP 5			25	4				MM	5/13/2011	43.94995490430	-117.47037282000		236.8	Inter-Mountain Basins Big Sagebrush Shrubland
1658	236.7	-1								WHITE TOP	2000X 500 FT	OPEN DRY AREA	MM	5/14/2011	43.95103717090	-117.47164012000		236.7	Noxious Weeds
1659	236.6	-1	N			CLASPING MUSTARD 2	POABUL 5BROTEC 2	90	4			TYPICAL	MM	5/14/2011	43.95192785420	-117.47228885300		236.6	Introduced Upland Vegetation - Annual and Biennial Forbland
1660	236.5	-1	N		ARTTRI 40 ATRIPLEX SP 5	BROTEC 30 POASEC 20 POABUL 15		15	4			WEEDY	MM	5/14/2011	43.95295990420	-117.47282588600		236.5	Inter-Mountain Basins Big Sagebrush Shrubland
1661	236.4									WHITE TOP	2000 X 2000 FT		MM	5/14/2011	43.95389607090	-117.47368246900		236.5	Noxious Weeds
1662	236.3	-1	N		ARTTRI 35 SPINY HOPSAGE 30	POASEC 10 BROTEC 50	WHITE TOP 20	5	5	Y	THROUGHOUT	WEEDY	MM	5/14/2011	43.95613112080	-117.47568125100		236.3	Inter-Mountain Basins Mixed Salt Desert Scrub
1663	236	236										WETLAND	MM	5/15/2011	43.96020997360	-117.47735750100		236.0	North American Arid West Emergent Marsh
1664	237	237	N		ARTTRI40,GRASPI1	BROTEC40		20	4				MM	5/15/2011	43.95920773740	-117.47683001700	237mm	236.0	Inter-Mountain Basins Big Sagebrush Shrubland
1665	238	238								CARDRA	1AC THROUGHOUT		MM	5/15/2011	43.96072820410	-117.47788886700		235.9	Noxious Weeds
1666	239	-1							3			CLIFF talus slope	MM	5/15/2011	43.96129497080	-117.47851360000		235.9	Inter-Mountain Basins Cliff and Canyon
1667	240	-1	S			BROTEC POABUL	CARDRA	10	5	Y	CARDRA THROUGHOUT	OGRAZED	MM	5/15/2011	43.96421875400	-117.47853090000	240xx	235.7	Introduced Upland Vegetation - Annual and Perennial Grassland
1668	241	-1	N			POASEC BROTEC AGRCHR	%ANT#S DELPHINIUM	15	4				MM	5/15/2011	43.98052900320	-117.48259139600		234.5	Inter-Mountain Basins Big Sagebrush Shrubland
1669		242	-1			BROTEC 40 POABUL 5	CARDRA 1	15	5			GRAZED	MM	5/15/2011	43.98170790310	-117.48278304600		234.5	Introduced Upland Vegetation - Annual and Perennial Grassland
1670	243	-1	N		ARTTRI 30 GRASPI 10	BROTEC 10 POASEC 10 POABUL 10 AGSP 15	LOMATIUM 1 PHLOX 1	10	3				MM	5/15/2011	43.98461205290	-117.48306574600	243xx	234.3	Inter-Mountain Basins Big Sagebrush Shrubland
1671	244									CARDRA	1/10 AC		MM	5/15/2011	43.98890366930	-117.48461266100		234.0	Noxious Weeds
1672	245	NW	-1		ARTRI 40	BROTEC 30 POASEC 10		15	4				MM	5/15/2011	43.98834166330	-117.48440728500		234.0	Inter-Mountain Basins Big Sagebrush Shrubland
1673	245	NW	-1		ARTRI 40	BROTEC 30 POASEC 10		15	4	CARDRA	2/10 AC		MM	5/15/2011	43.99670793530	-117.48537967600		233.4	Inter-Mountain Basins Big Sagebrush Shrubland
1674	246	-1	N									PREVIOUS COMMUNITY CONTINUES FROM POINT 244	MM	5/15/2011	43.99826366860	-117.48696580900		233.3	UNKNOWN
1675		1			ART RI 25	SYSHYS5 POABUL10 BROTEC 70	LUPINE 2 CREPIS 1DELPHINIM 1	10	4				MM	5/15/2011	44.03011971560	-117.48308158700		231.1	Inter-Mountain Basins Big Sagebrush Steppe
1676	2	2			8	BROTEC 30 10 POABUL 2	CARDRA 65 RANTES 5	25	5	CARDRA		GRAZING AND ROADCARDRA DOMINATES ES	MM	5/15/2011	44.03506473170	-117.48067452000		230.7	Introduced Upland Vegetation - Annual and Biennial Forbland
1677	3	3	N		ARTRI 20	BROTEC 40	CARDRA CONTIUES ON ROAD	10	4	Y			MM	5/15/2011	44.03836053830	-117.47896462400	3xx	230.5	Inter-Mountain Basins Big Sagebrush Shrubland
1678	5	4 PHOTOS										DRY WASH	MM	5/15/2011	44.04413333070	-117.47686133600		230.0	Sensitive Habitat/Rare Plant
1679	5											DRY WASH	MM	5/15/2011	44.04409006400	-117.47679706900		230.0	Sensitive Habitat/Rare Plant
1680	6a	6	N		ARTTRI 20 CHRNAU 25	POABUL 40 BROTEC 15		10	4				MM	5/15/2011	44.04664675140	-117.47669267100	6amm	229.9	Inter-Mountain Basins Big Sagebrush Steppe
1681	7									CARDRA	1 AC		MM	5/15/2011	44.05603507970	-117.47577755100	7mm	229.2	Inter-Mountain Basins Mixed Salt Desert Scrub
1682	8						20 X 20 FT			CARDRA			MM	5/15/2011	44.05849004620	-117.47593828400		229.0	Noxious Weeds
1683	9	9	N		ARTTRI 5	POABUL 15	ASTRAGALUS ALLIUM 11	5	5				MM	5/15/2011	44.06366199590	-117.47554910000		228.7	Columbia Plateau Steppe and Grassland
1684	9	-1			ARTRI 20	POABUL35 AGSP 2	PHLOX 1 LUPINE 5 LOMATIUM TRACE	15	4				MM	5/15/2011	44.06427589580	-117.47575173300		228.6	Inter-Mountain Basins Big Sagebrush Steppe
1685	10	-1	N		ARTTRI 30 CHRNAU 10	FESIDA 5 AGSP 2POABUL 5 POASEC 10 BROTEC 5	ERIOGONUM 2ASTRAGALUS 1 PHLOX 1	10	4				MM	5/15/2011	44.06914807870	-117.47494149900		228.3	Inter-Mountain Basins Big Sagebrush Steppe
1686	7.2								3		7	\	MM	5/10/2011	43.84903214520	-117.27975564000		7.1	UNKNOWN
1687	6.8								3		0	0	MM	5/10/2011	43.84894087960	-117.29101913800		6.6	UNKNOWN
1688	5.3								0		0	TOP OF E BANK	MM	5/10/2011	43.85166099800	-117.31319410000		5.5	Columbia Basin Foothill Riparian Woodland and Shrubland
1689	5.3								0		NA	TOP OF BANK	MM	5/10/2011	43.85169811470	-117.31345633300		5.4	Columbia Basin Foothill Riparian Woodland and Shrubland
1690	3.4-2								0		0	E SIDE STREAM CROSSING	MM	5/11/2011	43.85928395110	-117.35428410800		3.3	Columbia Basin Foothill Riparian Woodland and Shrubland
1691	3.1											LWORKED LITHIC OBJCT	MM	5/11/2011	43.86094316820	-117.36030415600		3.0	UNKNOWN
1692	3.2	3.2-1	E		SARVER 65	BROTEC 10, POASEC 5	RANUNULUS	20	4			SARVERLON FLAT	MM	5/11/2011	43.86194260220	-117.36884482100	3.2mm	2.6	Inter-Mountain Basins Mixed Salt Desert Scrub
1693	3.3	3.3-1&2	N THEN S	?	SARVER&ARTTRI ABOVE	JUNCUS 2, LEYCIN 1		95%AROUND EDGE COW TRAMPLED	?		80FT X 25FT STANDING WATER		MM	5/11/2011	43.86237350240	-117.37129812000		2.4	North American Arid West Emergent Marsh
1694	3.3.5	3.3.5-1	E		SPINY HOPSAGE 5	BROTEC 20, POASEC 10	5CLASPING LF FORB	50	4				MM	5/11/2011	43.86253066920	-117.37311935300		2.3	Inter-Mountain Basins Big Sagebrush Steppe
1695	1.6	1.6-1	NW		ARTTRI CHRVIC	AGRCHR ORYHYM LEYCIN POASEC			3			BUNCHGRASS	MM	5/11/2011	43.86606865350	-117.38685108400	1.6mm	1.6	Inter-Mountain Basins Big Sagebrush Steppe
1696	1.5	1.5-1	SW		SPINY HOPSAGE 2,SARVER 4	BROTEC 60, LEYMUS 3	AGOSERIS 2	25	4			DEGRADD RANGE	MM	5/11/2011	43.86771863680	-117.38835458300		1.5	Introduced Upland Vegetation - Annual and Perennial Grassland
1697	1.1.5-2											CTREAM CHANNEL	MM	5/11/2011	43.86783907010	-117.38806426600		1.5	Other Waters
1698	241	-1	N		ARTTRI 40	POASEC BROTEC AGRCHR	%ANT#S DELPHINIUM	15	4			GOOD COND FEW WEEDS BARE GROUND STABLE	MM	5/12/2011	43.89859758830	-117.42923428700		240.9	Inter-Mountain Basins Big Sagebrush Steppe
1699	240.5	240.5-1 2 3 4	CARDINAL						3			SEE COVER SHEET DATAA	MM	5/12/2011	43.90291588840	-117.43472240200	240.5xx	240.5	Inter-Mountain Basins Big Sagebrush Shrubland
1700	239.6 HACKELIA	5 PHOTOS										EDGE OF DRAINAGE	MM	5/12/2011	43.90657142180	-117.43919630000		240.2	Columbia Basin Foothill Riparian Woodland and Shrubland
1701	ROCK OUTCROP	3 PHOTOS										NOTES ON SEPAATE SHEE	MM	5/12/2011	43.90783657190	-117.44163408300		240.0	Inter-Mountain Basins Cliff and Canyon
1702	69-1	0167	NW			ELECIN1 AGRCRI40 POASEC15 BROTEC 20	SHOWY MILKTHISTLE CREACE1 40 LOMTRI1 PHLHOO1 ASTMIS1 OPUPOL1 SPHMUN1	30 LT20 MOSS5	4	ONOACA	THROUGHOUT	SEEDED FIRE	TJ	6/9/2011	43.79795306250	-117.24376924700	69-1xx	253.6	Columbia Plateau Steppe and Grassland
1703	69-2	0168	E									EPHEM	TJ	6/9/2011	43.79930676670	-117.24514382700		253.5	Columbia Basin Foothill Riparian Woodland and Shrubland
1704	69-3	0169	NE									EPHEM WASH	TJ	6/9/2011	43.80188816260	-117.24678742700		253.3	Columbia Basin Foothill Riparian Woodland and Shrubland
1705	69-4	0170	NE	ELEANG1	SALEXI1	TYPHA5				TAECAP	1AC	PERENNIAL WETLAND	TJ	6/9/2011	43.80698468780	-117.24999348300		252.9	North American Arid West Emergent Marsh

OBJECTID	ID	PH_NUM	DIR	TREE	SHRUB	HERB	FORB	BG	HAB_QAL	NOX	SIZE	NOTES	NAME	DATE_	Lat	Long	CoverSheet	MilePost	EcoSys_Rev
1706	69-5	0171	W									PERENNIAL STREAM	TJ	6/9/2011	43.80686015990	-117.25002645800		252.9	Columbia Basin Foothill Riparian Woodland and Shrubland
1707	69-6	0172	NE									EPHEM WASH	TJ	6/9/2011	43.81180883830	-117.25251253300		252.5	Columbia Basin Foothill Riparian Woodland and Shrubland
1708	69-7	0173	NE									EPHEM WASH	TJ	6/9/2011	43.81508030290	-117.25423516500		252.3	Columbia Basin Foothill Riparian Woodland and Shrubland
1709	69-8	0174	SE									EPHEM WASH	TJ	6/9/2011	43.81942537410	-117.25655907400		252.0	Columbia Basin Foothill Riparian Woodland and Shrubland
1710	69-9	0177	W									EPHEM WASH	TJ	6/9/2011	43.82444580040	-117.25975724400		251.6	Columbia Basin Foothill Riparian Woodland and Shrubland
1711	69-10	0178										EPHEM WASH	TJ	6/9/2011	43.82616661240	-117.26046555900		251.5	Columbia Basin Foothill Riparian Woodland and Shrubland
1712	69-11	0179	N									EPHEM WASH	TJ	6/9/2011	43.83148933930	-117.26404107500		251.1	Columbia Basin Foothill Riparian Woodland and Shrubland
1713	69-12	0180	NW		CHRNAU 1 CHRVIS1	STICOM1 AGRCRI20 ORYHYM1 BROTEC 50	BALSAG1	60 LT10 MOSS1	5	ONOACA	THROUGHOUT	FIRE	TJ	6/9/2011	43.83768095980	-117.26895810000		250.6	Introduced Upland Vegetation - Annual and Perennial Grassland
1714	69-13	0181	NW		ARTTRI 1 CHRNAU 1 CHRVIS1	ELECIN1 STICOM1 AGRCRI40 POASEC15 BROTEC 5	SPHMUN1 BALSAG1 CREACU1 OPUPOL1	50	4				TJ	6/9/2011	43.83930641540	-117.26977390700		250.4	Inter-Mountain Basins Big Sagebrush Steppe
1715	69-14	0183	NW									EPHEM WASH	TJ	6/9/2011	43.84508984140	-117.27293439700		250.0	Columbia Basin Foothill Riparian Woodland and Shrubland
1716	69-15	0184	W			BROTEC 80 POASEC5	DESSP5 SAND VERBINA1	40	5	ONOACA	1AC	FIRE GRAZING	TJ	6/9/2011	43.84859211550	-117.27517313300		7.4	Introduced Upland Vegetation - Annual and Perennial Grassland
1717	69-16	0185	N									EPHEM WASH	TJ	6/9/2011	43.84873423830	-117.27606659600		7.3	Columbia Basin Foothill Riparian Woodland and Shrubland
1718	625-26	625-26	N									INTERMITTENT STREAM	JS	6/26/2011	45.46868526030	-118.43941572000		91.5	North American Arid West Emergent Marsh
1719	625-27									CYOF	<.1 ACRE		JS	6/26/2011	45.45961878900	-118.43258985700		92.3	Noxious Weeds
1720	20110728 1	1413	S	JUNSPE	ARTTRI 60; CHRNAU 20		BROTEC 30; POASEC 20; ELYELA 10		4			SAGE BRUSH STEPPE WITH BIG SAGE BRUSH	Ansari	7/28/2011	44.60458529110	-117.44837511800		175.9	Inter-Mountain Basins Big Sagebrush Steppe
1721	20110728 2	1414	W		GUTSAR; ARTTRI		ELYELA; BROTEC				CHANNEL WIDTH 30'; BANK HEIGHT 8'	EPHEMERIAL DRAINAGE INFLUENCED BY CATTLE GRAZING	Ansari	7/28/2011	44.60310859940	-117.44589692200		176.0	Columbia Basin Foothill Riparian Woodland and Shrubland
1722	20110728 3	1415	NE		BITTERBRUSH; ARTTRI		BUCKWHEAT SPE; POASEC; CLASPING PEPPERWEED				3 ACRES	CALCEROUS SLOPES WITH SPARSE VEGETATION	Ansari	7/28/2011	44.59945722040	-117.43883219000		176.5	Inter-Mountain Basins Big Sagebrush Steppe
1723	20110728 4	1416	S		ARTTRI		POASEC; BARLEY; BROTEC; SUNFLOWER			GRISQU		BEGIN GRASSLAND MEADOWS	Ansari	7/28/2011	44.59624172240	-117.43232991900		176.9	Inter-Mountain Basins Big Sagebrush Steppe
1724	20110728 5	1417	S		ARTTRI		LUPINE ; FOXTAIL BARLEY; POASEC;			SESSPE		END MEADOW BACK TO SAGE BRUSH STEPPE WITH BIG SAGE BRUSH HEAVY GRAZING	Ansari	7/28/2011	44.59488762230	-117.42972293100		177.0	Inter-Mountain Basins Big Sagebrush Steppe
1725	20110728 6	1418	W		ARTTRI		BROTEC; POASEC			SESSPE		EPHEMERIAL DRAINAGE INFLUENCED BY CATTLE GRAZING	Ansari	7/28/2011	44.59370281250	-117.42724974100		177.2	Columbia Basin Foothill Riparian Woodland and Shrubland
1726	20110728 6	1419	S	JUNSPE	ARTTRI		POABUL; BROTEC; WHEATGRASS; ACHMIN					EGIN JUNIPER SAGE WOODLAND; SPARSE VEGETATION IN AREAS	Ansari	7/28/2011	44.58944734390	-117.41953152700		177.6	Inter-Mountain Basins Big Sagebrush Steppe
1727	20110728 7	1420	SE	JUNSPE	ARTTRI		POASEC; BROTEC; WHEATGRASS			EROSIONAL CHANNEL WITH GRAZING	CHANNEL WIDTH 15'; BANK HEIGHT 12;		Ansari	7/28/2011	44.58853313120	-117.41739745600		177.8	Inter-Mountain Basins Big Sagebrush Steppe
1728	20110728 8	1421	S	JUNSPE	GREASEWOOD; ARTTRI					GREASEWOOD AREA WITH EROSIONAL FEATURES	2ACRES		Ansari	7/28/2011	44.58737030900	-117.41502839000		177.9	Inter-Mountain Basins Big Sagebrush Steppe
1729	20110728 8	1422	SE	JUNSPE	ARTTRI		POASEC; ELYELA; BROTEC			EPHEMERIAL DRAINAGE INFLUENCED BY CATTLE GRAZING	CHANNEL WIDTH 15'; BANK HEIGHT 18'		Ansari	7/28/2011	44.58608850690	-117.41210884500		178.1	Inter-Mountain Basins Big Sagebrush Steppe
1730	20110728 9	1423	SW	JUNSPE; WILLOW; SERVICEBERRY	ARTTRI		POASEC; BROTEC; SESSPE;NODDING BROME			CIRVUL; DIPFUL; ONOACA	CHANNEL WIDTH 22' BANK HEIGHT 6'	PERENNIAL STREAM WITH GRAZING	Ansari	7/28/2011	44.57889690370	-117.39815979900		178.9	Columbia Basin Foothill Riparian Woodland and Shrubland
1731	20110728 10	1424	SE		ARTTRI 70; LOW SAGE 30		POASEC 20; POABUL 20; ELYELA 10; BROTEC 40		4			SAGE BRUSH STEPPE WITH BIG SAGE AND LOW SAGE FEW JUNIPER	Ansari	7/28/2011	44.57630223760	-117.39297630300		179.2	Inter-Mountain Basins Big Sagebrush Steppe
1732	20110728 11	1425	S	JUNSPE	ARTTRI; GUTSAR		BROTEC; LUPINE; POABUL				8 ACRES	AREA WITH MORE JUNIPER THAN REST	Ansari	7/28/2011	44.56964897980	-117.38004930400		180.0	Inter-Mountain Basins Big Sagebrush Steppe
1733	20110728 12	1426	SW		ARTTRI;	MULLEIN	BROTEC; MUSTARD; AGRHYS			ONOACA	CHANNEL WIDTH 12'; BANK HEIGHT 7'	PERENNIAL STREAM WITH GRAZING ; BADLY INVADED BY SCOTCH THISTLE	Ansari	7/28/2011	44.56699256640	-117.37493419200		180.3	Columbia Basin Foothill Riparian Woodland and Shrubland
1734	20110728 13	1427	SW	WILLOW; JUNSPE	ARTTRI; BITTERBRUSH; ROSE		YARROW; BROTEC; POABUL				CHANNEL WIDTH 15'; BANK HEIGHT 10'	INTERMITTENT STREAM WITH GRAZING	Ansari	7/28/2011	44.56321938620	-117.37148126300		180.7	Columbia Basin Foothill Riparian Woodland and Shrubland
1735	20110728 14	1428	S		ARTTRI		NODDING BROME; WHEATGRASS; POABUL ; BROTEC; MUSTARD; ALFALFA			GRISQU; TAECAP MEDUSA; DIPFUL; RUMCRI; BUR CHEVIL		POSSIBLE WETLAND INFLUENCED BY CATTLE GRAZING	Ansari	7/28/2011	44.55609574150	-117.36992285300		181.2	Inter-Mountain Basins Big Sagebrush Steppe
1736	20110728 15	1429	SW	WILLOW; ASPEN;			WHEATGRASS; MUSTARD; TIMOTHY GRASS; POASEC					PERENNIAL STREAM WITH GRAZING ANDVADJACENT PASTURE OF 20ACRES	Ansari	7/28/2011	44.55431708390	-117.36956865400		181.3	Columbia Basin Foothill Riparian Woodland and Shrubland
1737	20110728 16	1430	E		ARTTRI		BUCKWHEAT; POABUL; BITTERBRUSH;				1/2 ACRE	BARREN SLOPE WITH SPARSE VEGETATION POSSIBLE RARE PLANT HABITAT	Ansari	7/28/2011	44.54931264190	-117.36972848900		181.6	Inter-Mountain Basins Big Sagebrush Steppe
1738	20110728 17	1431	SE	JUNSPE	ARTTRI 50; GUTSAR 20;		LUPINE; POASEC 20; ELYELA 10; BROTEC 30; MUSTARD 5; BUR CHEVIL 5		4			SAGE BRUSH STEPPE WITH BIG SAGE BRUSH AND FEW JUNIPER LINE FOLLOWS EPHEMERIAL DRAINAGE INFLUENCED BY CATTLE GRAZING FOR ABOUT 4 MILES	Ansari	7/28/2011	44.53650049490	-117.36957265000		182.5	Inter-Mountain Basins Big Sagebrush Steppe
1739	20110728 18	1432	NW	JUNSPE	ARTTRI		BROTEC; POABUL; POASEC			ONOACA; MUSTARD		ROADSIDE AREA WITH SCOTCH THISTLE INVASION ALSO MUSTARD	Ansari	7/28/2011	44.53160188340	-117.36618133900		182.9	Inter-Mountain Basins Big Sagebrush Steppe
1740	20110728 19	1433	NW	JUNSPE			BROTEC			SCOTCH THISTLE; MUSTARD		PERENNIAL STREAM WITH GRAZING	Ansari	7/28/2011	44.52983780740	-117.36512704600		183.1	Columbia Basin Foothill Riparian Woodland and Shrubland
1741	20110729 1	1434	NE		ARTTRI 60; BITTERBRUSH 15;		POABUL 30; BROTEC 40; POASEC 20;		4			SAGE BRUSH STEPPE WITH BIG SAGE BRUSH	HART	7/29/2011	44.32620425790	-117.35487749900		199.5	Inter-Mountain Basins Big Sagebrush Steppe
1742	20110729 2	1435	SE	WILLOW	ARTTRI		SUNFLOWER; LUPINE; POABUL			CURLY DOCK; BUR CHEVIL		EPHEMERIAL DRAINAGE INFLUENCED BY CATTLE GRAZING		7/29/2011	44.32625575880	-117.35461420200		199.5	Columbia Basin Foothill Riparian Woodland and Shrubland
1743	20110729 3	1437	E		LOW SAGE 15;		POABUL 30; ELYELA 15; POASEC 20; LUPINE 10; FOXTAIL BARLEY 20; BROTEC 15		4	MUSTARD 5; BUR CHEVIL 15		GRASSLAND WITH AREAS OF ROCKY LOW SAGE	HART	7/29/2011	44.32822373110	-117.35066843300		199.3	Columbia Plateau Low Sagebrush Steppe
1744	20110729 4	1438	NW		GUTSAR; ARTTRI		NODDING BROME; BROTEC; POABUL; LUPINE			BUR CHEVIL	55 ACRES	AREA OF SHRUB WITHIN GRASSLAND		7/29/2011	44.33367302160	-117.34158818800		198.7	Inter-Mountain Basins Big Sagebrush Steppe
1745	20110729 5	1438	SE	WILLOW;	ARTTRI;		BROTEC: STINGING NETTLE			BUR CHEVIL; SCOTCH THISTLE: TEASEL MUSTARD	CHANNEL WIDTH 8'; BANK HEIGHT 6'	PERENNIAL STREAM WITH GRAZING		7/29/2011	44.33755011850	-117.33573387700		198.3	Columbia Basin Foothill Riparian Woodland and Shrubland
1746	20110729 5	1439	NE		ARTTRI 20; BITTERBRUSH 5		POASEC 30; BROTEC 40; POABUL 30		4			SAGE BRUSH STEPPE WITH BIG SAGE BRUSH AND BITTERBRUSH; BURNED	HART	7/29/2011	44.34004445560	-117.33254404600		198.0	Inter-Mountain Basins Big Sagebrush Steppe
1747	20110729 6	1440	E	WILLOW	ARTTRI; BITTERBRUSH; GUTSAR		BROTEC; ELYELA; POASEC			CIRVUL; MUSTARD; BUR CHEVIL	CHANNEL WIDTH 15'; BANK HEIGHT 8'	PERENNIAL STREAM WITH GRAZING		7/29/2011	44.34378701280	-117.32774505900		197.7	Columbia Basin Foothill Riparian Woodland and Shrubland

APPENDIX L
STREAM CROSSING FORMS AND PHOTOS

Crossing Name: 6_22-18_19.pdf

Project
B2H TVEC
Channel Crossing Field Documentation Form

Date: 6/22/11 **Name of Recorder:** McClanahan **Crossing Location ID:** 6/22-18
6/22-19

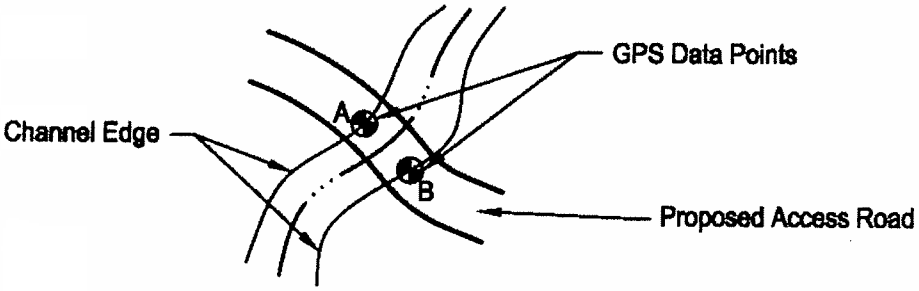
This form may be used to document stream and wash channel conditions at locations proposed for access road crossings. This form is not intended to replace requirements for jurisdictional determination and delineation of waters of the U.S., including wetlands that require a formal delineation procedure.

1. Channel Crossing Location

Identify location on a USGS quad map (or Google Earth topographic or aerial image with latitude and longitude clearly shown) and attach the map to this form. Provide the name of the stream if identified on the map. If a GPS unit is available, provide data points in UTM coordinates for the intersections of the access road centerline with the channel edges as shown in the diagram below (send GPS data points electronically to environmental consultant, labeled as shown below).

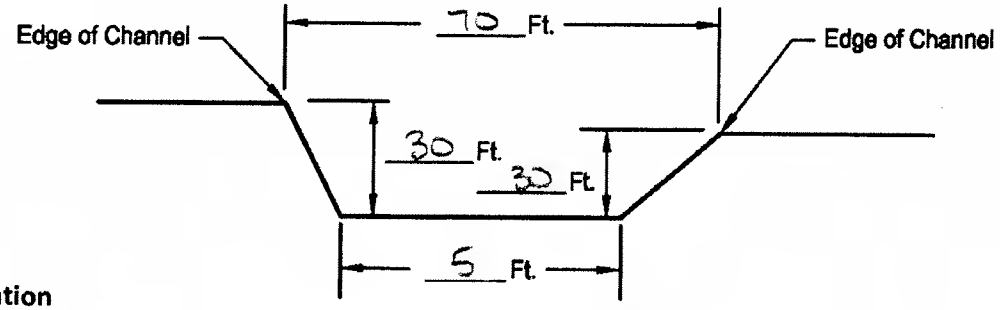
Data Point A. 6/22-18

Data Point B. 6/22-19



2. Channel Cross-section

Identify approximate dimensions (in feet) on the diagram below.



3. Photo Documentation

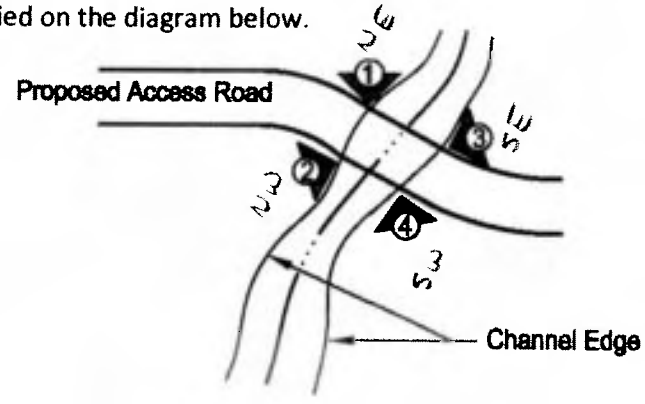
Provide four (4) photographs taken from locations and with orientations indicated below. Label each photo on the diagram below. Provide electronic copies (jpg or pdf) of photos to environmental consultant with labels matching those identified on the diagram below.

Photo 1. NE

Photo 2. NW

Photo 3. SE

Photo 4. SW



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6_22-18A

6_22-18B

6_22-19A

6_22-19B

Crossing Name: 6_22-26_27.pdf

Project
B2H TVEC
Channel Crossing Field Documentation Form

Date: 6/22/11 **Name of Recorder:** McClanahan **Crossing Location ID:** 6/22-26
6/22-27

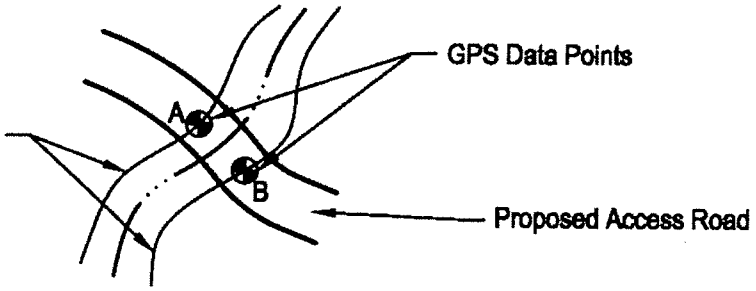
This form may be used to document stream and wash channel conditions at locations proposed for access road crossings. This form is not intended to replace requirements for jurisdictional determination and delineation of waters of the U.S., including wetlands that require a formal delineation procedure.

1. Channel Crossing Location

Identify location on a USGS quad map (or Google Earth topographic or aerial image with latitude and longitude clearly shown) and attach the map to this form. Provide the name of the stream if identified on the map. If a GPS unit is available, provide data points in UTM coordinates for the intersections of the access road centerline with the channel edges as shown in the diagram below (send GPS data points electronically to environmental consultant, labeled as shown below).

Data Point A. 6/22-26 N side

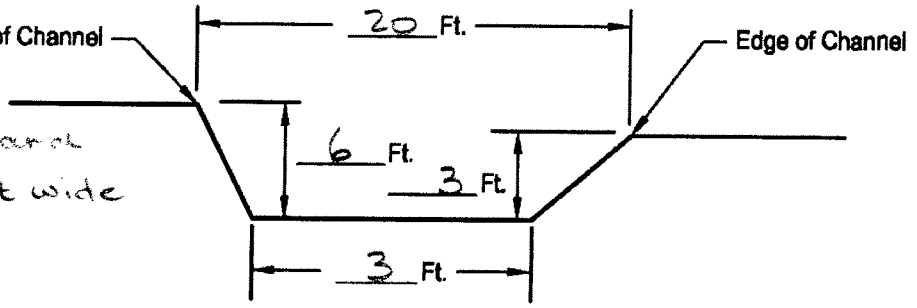
Data Point B. 6/22-27 South side



2. Channel Cross-section

Identify approximate dimensions (in feet) on the diagram below.

Note: this data describes a man made ditch at the edge of a larger wetland that is approximately 100 ft wide at this location



3. Photo Documentation

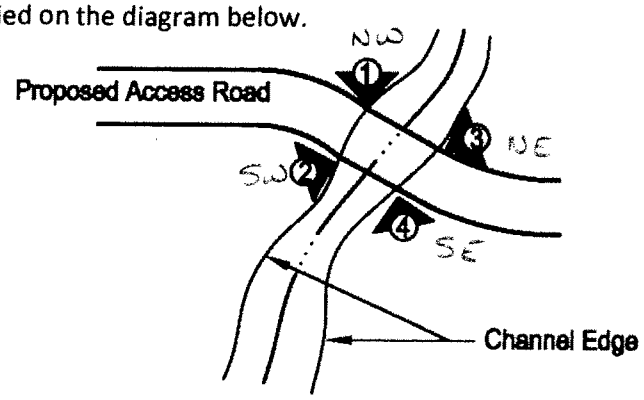
Provide four (4) photographs taken from locations and with orientations indicated below. Label each photo on the diagram below. Provide electronic copies (jpg or pdf) of photos to environmental consultant with labels matching those identified on the diagram below.

Photo 1. NW

Photo 2. SW

Photo 3. NE

Photo 4. SE



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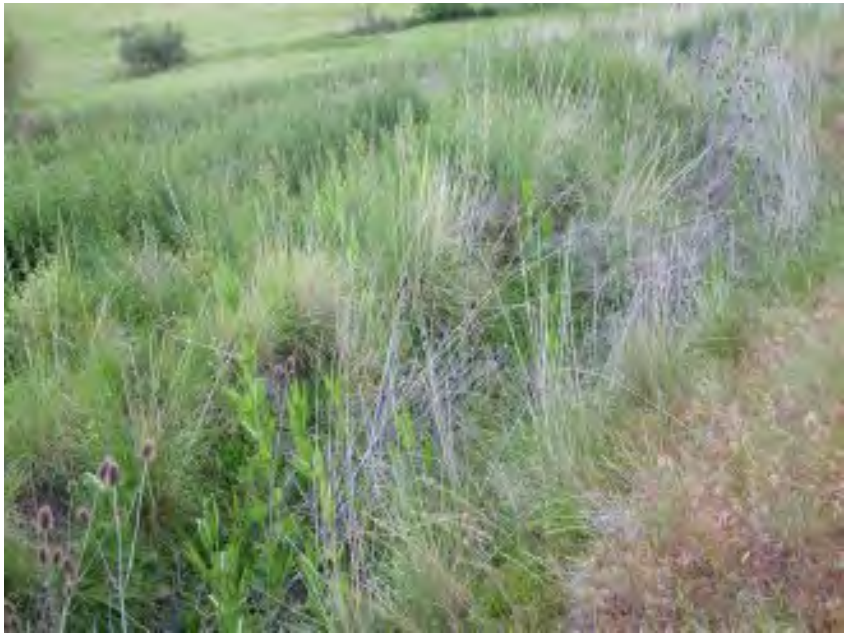


6_22-26A

6_22-26B

6_22-27A

6_22-27B

Crossing Name: 6_24-12_13.pdf

Project
B2H TVEC
Channel Crossing Field Documentation Form

Date: 6/24/11 **Name of Recorder:** McClanahan **Crossing Location ID:** 6/24-12 6/24.13

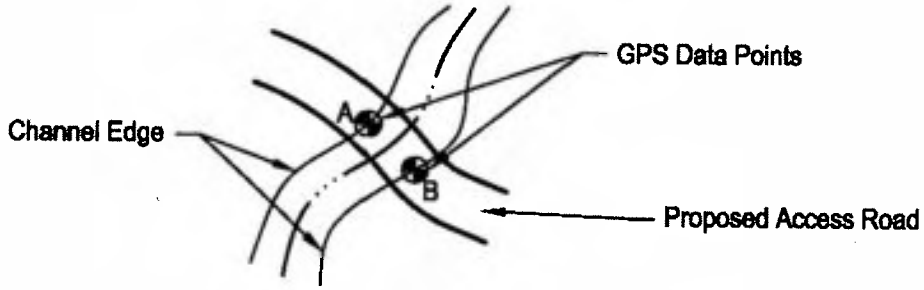
This form may be used to document stream and wash channel conditions at locations proposed for access road crossings. This form is not intended to replace requirements for jurisdictional determination and delineation of waters of the U.S., including wetlands that require a formal delineation procedure.

1. Channel Crossing Location

Identify location on a USGS quad map (or Google Earth topographic or aerial image with latitude and longitude clearly shown) and attach the map to this form. Provide the name of the stream if identified on the map. If a GPS unit is available, provide data points in UTM coordinates for the intersections of the access road centerline with the channel edges as shown in the diagram below (send GPS data points electronically to environmental consultant, labeled as shown below).

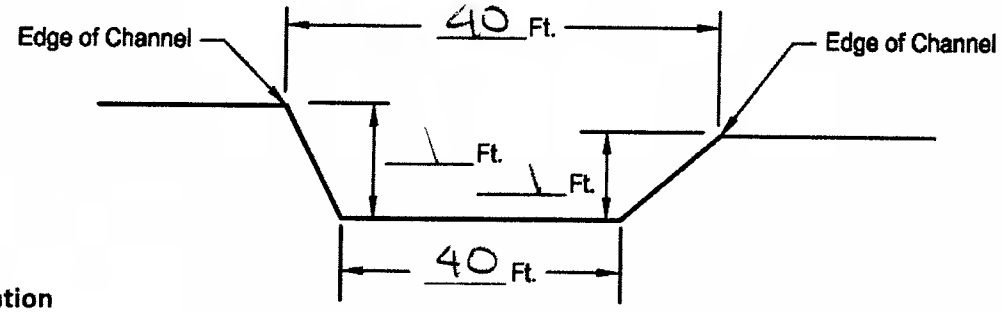
Data Point A. _____

Data Point B. _____



2. Channel Cross-section

Identify approximate dimensions (in feet) on the diagram below.



3. Photo Documentation

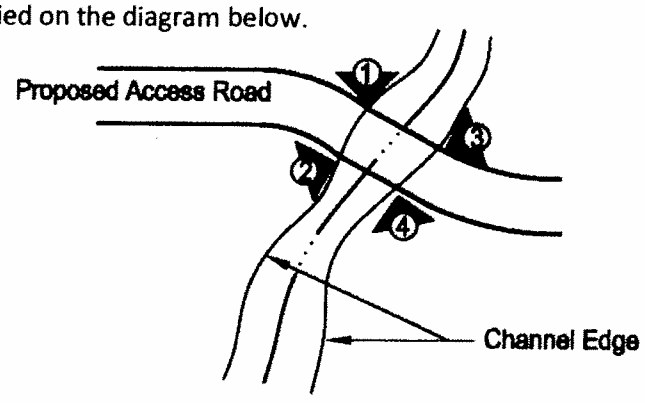
Provide four (4) photographs taken from locations and with orientations indicated below. Label each photo on the diagram below. Provide electronic copies (jpg or pdf) of photos to environmental consultant with labels matching those identified on the diagram below.

Photo 1. 6/24-12A

Photo 2. 6/24-12B

Photo 3. 6/24-13A

Photo 4. 6/24-13B



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6_24-12A

6_24-12B

6_24-13A

6_24-13B

Crossing Name: 6_25-23_24.pdf

Project
B2H TVEC
Channel Crossing Field Documentation Form

Date: 6/25/11 **Name of Recorder:** McClanahan **Crossing Location ID:** 6/25-23 & 6/25-24

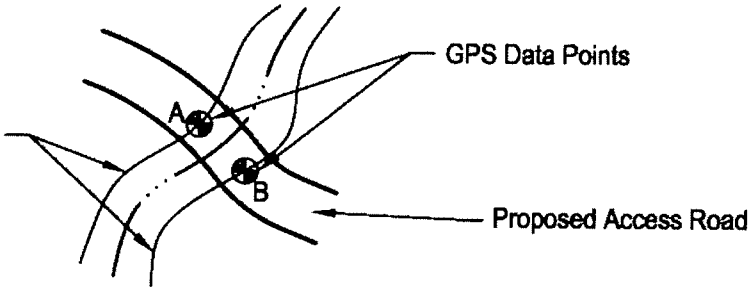
This form may be used to document stream and wash channel conditions at locations proposed for access road crossings. This form is not intended to replace requirements for jurisdictional determination and delineation of waters of the U.S., including wetlands that require a formal delineation procedure.

1. Channel Crossing Location

Identify location on a USGS quad map (or Google Earth topographic or aerial image with latitude and longitude clearly shown) and attach the map to this form. Provide the name of the stream if identified on the map. If a GPS unit is available, provide data points in UTM coordinates for the intersections of the access road centerline with the channel edges as shown in the diagram below (send GPS data points electronically to environmental consultant, labeled as shown below).

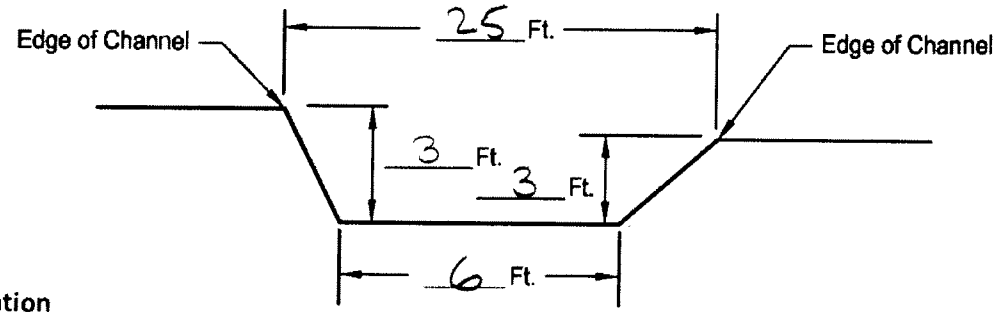
Data Point A. 6/25-23

Data Point B. 6/25-24



2. Channel Cross-section

Identify approximate dimensions (in feet) on the diagram below.



3. Photo Documentation

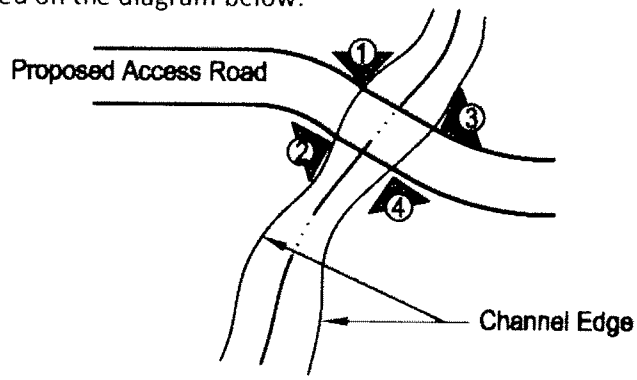
Provide four (4) photographs taken from locations and with orientations indicated below. Label each photo on the diagram below. Provide electronic copies (jpg or pdf) of photos to environmental consultant with labels matching those identified on the diagram below.

Photo 1. NW

Photo 2. SW

Photo 3. NE

Photo 4. SE



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6_25-23A

6_25-23B

6_25-24A

6_25-24B

Crossing Name: 6_26-5_6.pdf

Project
B2H TVEC
Channel Crossing Field Documentation Form

Date: 6/26/11 **Name of Recorder:** McClanahan **Crossing Location ID:** 6/26-5 6/26-6

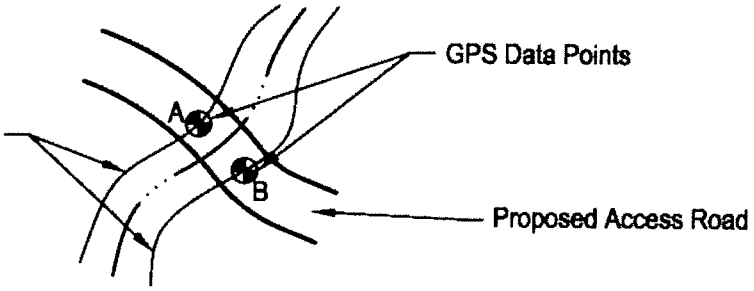
This form may be used to document stream and wash channel conditions at locations proposed for access road crossings. This form is not intended to replace requirements for jurisdictional determination and delineation of waters of the U.S., including wetlands that require a formal delineation procedure.

1. Channel Crossing Location

Identify location on a USGS quad map (or Google Earth topographic or aerial image with latitude and longitude clearly shown) and attach the map to this form. Provide the name of the stream if identified on the map. If a GPS unit is available, provide data points in UTM coordinates for the intersections of the access road centerline with the channel edges as shown in the diagram below (send GPS data points electronically to environmental consultant, labeled as shown below).

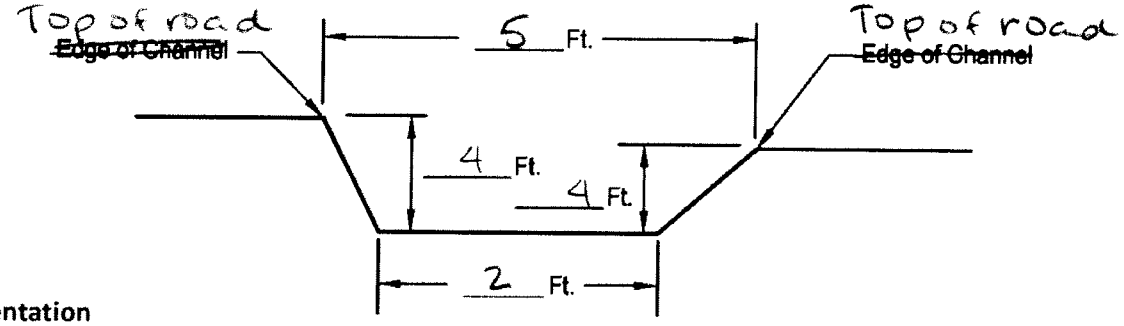
Data Point A. 6/26-5

Data Point B. 6/26-6



2. Channel Cross-section

Identify approximate dimensions (in feet) on the diagram below.



3. Photo Documentation

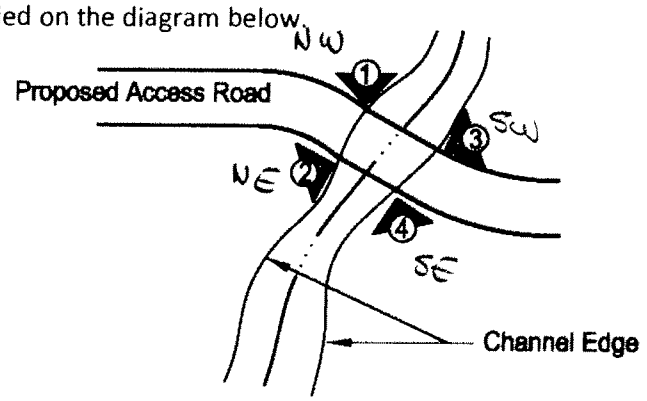
Provide four (4) photographs taken from locations and with orientations indicated below. Label each photo on the diagram below. Provide electronic copies (jpg or pdf) of photos to environmental consultant with labels matching those identified on the diagram below.

Photo 1. 6/26-5A

Photo 2. 6/26-5B

Photo 3. 6/26-6A

Photo 4. 6/26-6B



DRAFT

6_26-5A

6_26-5B

6_26-6A

6_26-6B

Crossing Name: 6_27-16_17.pdf

Project
B2H TVES
Channel Crossing Field Documentation Form

Date: 6/27/11 **Name of Recorder:** McClanahan **Crossing Location ID:** 6/27-16 6/27-17

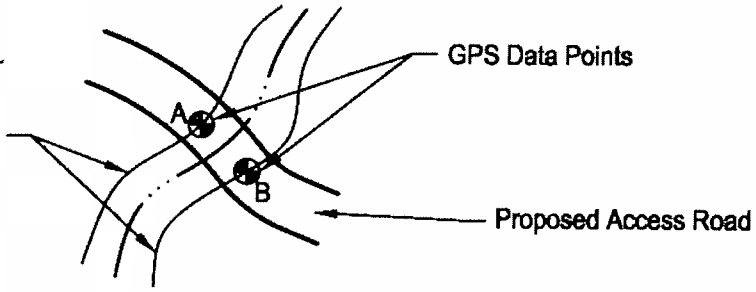
This form may be used to document stream and wash channel conditions at locations proposed for access road crossings. This form is not intended to replace requirements for jurisdictional determination and delineation of waters of the U.S., including wetlands that require a formal delineation procedure.

1. Channel Crossing Location

Identify location on a USGS quad map (or Google Earth topographic or aerial image with latitude and longitude clearly shown) and attach the map to this form. Provide the name of the stream if identified on the map. If a GPS unit is available, provide data points in UTM coordinates for the intersections of the access road centerline with the channel edges as shown in the diagram below (send GPS data points electronically to environmental consultant, labeled as shown below).

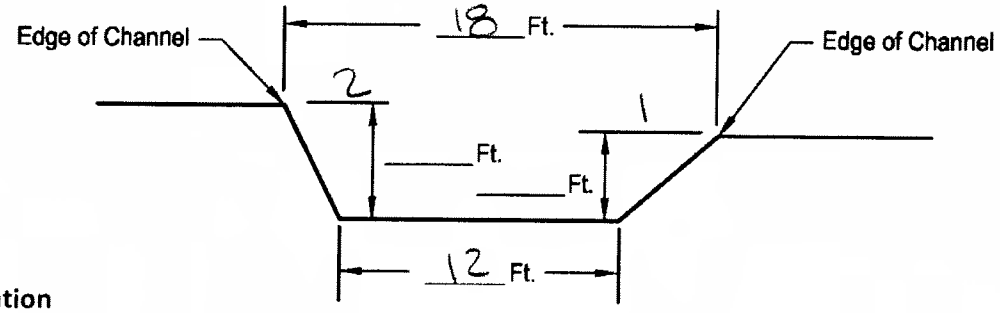
Data Point A. 6/27-16 N side

Data Point B. 6/27-17 S side



2. Channel Cross-section

Identify approximate dimensions (in feet) on the diagram below.



3. Photo Documentation

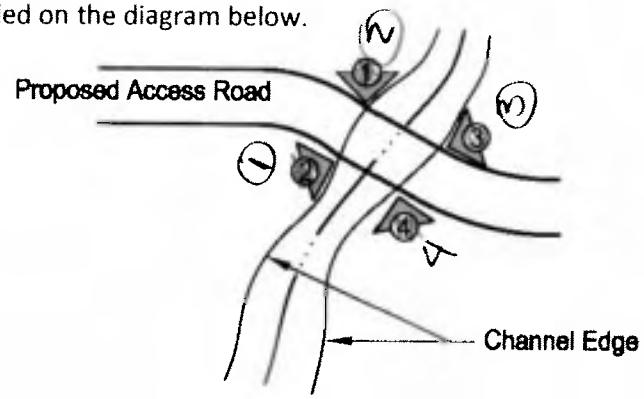
Provide four (4) photographs taken from locations and with orientations indicated below. Label each photo on the diagram below. Provide electronic copies (jpg or pdf) of photos to environmental consultant with labels matching those identified on the diagram below.

Photo 1. NW

Photo 2. NE

Photo 3. SE

Photo 4. SW



DRAFT

6_27-16A

6_27-16B

6_27-17A

6_27-17B

Crossing Name: 62-Crossing 1.pdf

Project
B2H TVEC
Channel Crossing Field Documentation Form

Date: 6-2-11 **Name of Recorder:** TJ **Crossing Location ID:** 62-Crossing 1

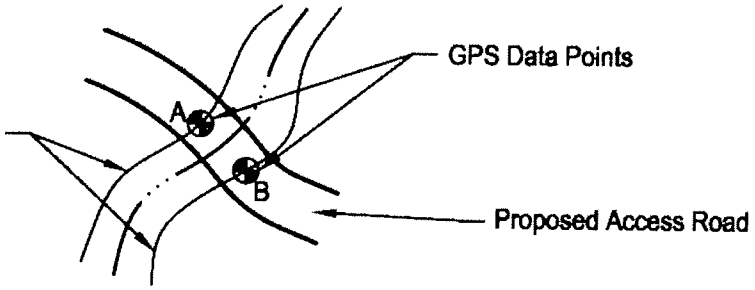
This form may be used to document stream and wash channel conditions at locations proposed for access road crossings. This form is not intended to replace requirements for jurisdictional determination and delineation of waters of the U.S., including wetlands that require a formal delineation procedure.

1. Channel Crossing Location

Identify location on a USGS quad map (or Google Earth topographic or aerial image with latitude and longitude clearly shown) and attach the map to this form. Provide the name of the stream if identified on the map. If a GPS unit is available, provide data points in UTM coordinates for the intersections of the access road centerline with the channel edges as shown in the diagram below (send GPS data points electronically to environmental consultant, labeled as shown below).

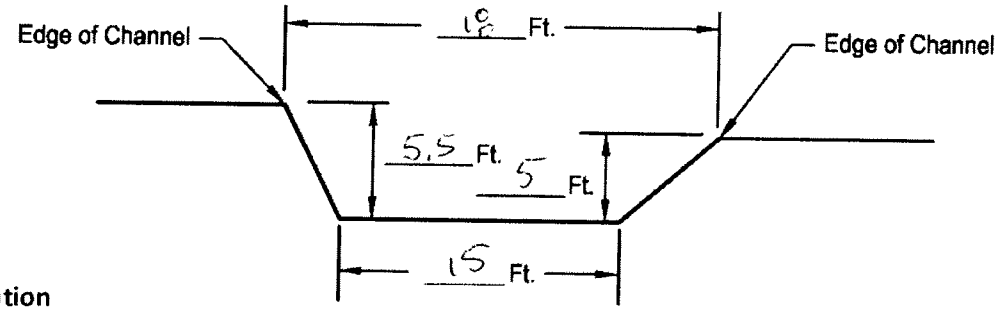
Data Point A. 62-Crossing 1

Data Point B. 62-Crossing 1



2. Channel Cross-section

Identify approximate dimensions (in feet) on the diagram below.



3. Photo Documentation

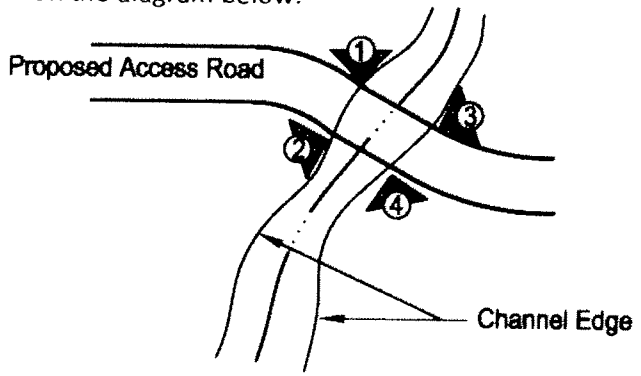
Provide four (4) photographs taken from locations and with orientations indicated below. Label each photo on the diagram below. Provide electronic copies (jpg or pdf) of photos to environmental consultant with labels matching those identified on the diagram below.

Photo 1. 2 0671

Photo 2. 3 0672

Photo 3. 4 0673

Photo 4. 5 0674



DRAFT

62-Crossing 1-0671

62-Crossing 1-0672

62-Crossing 1-0673

62-Crossing 1-0674

Crossing Name: 62-Crossing 2.pdf

Project
B2H TVEC
Channel Crossing Field Documentation Form

Date: 10-2-11 **Name of Recorder:** Thad Jones **Crossing Location ID:** 62-Crossing 2

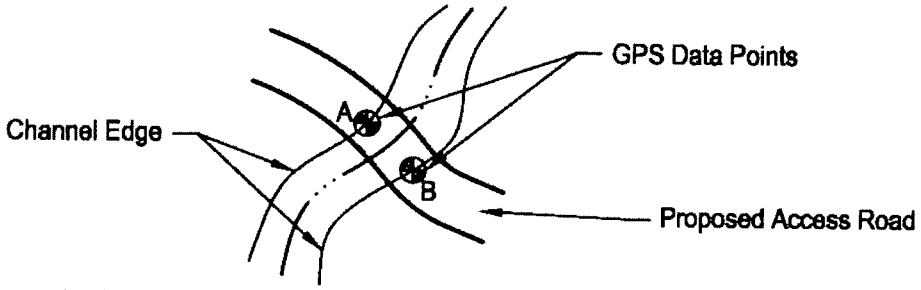
This form may be used to document stream and wash channel conditions at locations proposed for access road crossings. This form is not intended to replace requirements for jurisdictional determination and delineation of waters of the U.S., including wetlands that require a formal delineation procedure.

1. Channel Crossing Location

Identify location on a USGS quad map (or Google Earth topographic or aerial image with latitude and longitude clearly shown) and attach the map to this form. Provide the name of the stream if identified on the map. If a GPS unit is available, provide data points in UTM coordinates for the intersections of the access road centerline with the channel edges as shown in the diagram below (send GPS data points electronically to environmental consultant, labeled as shown below).

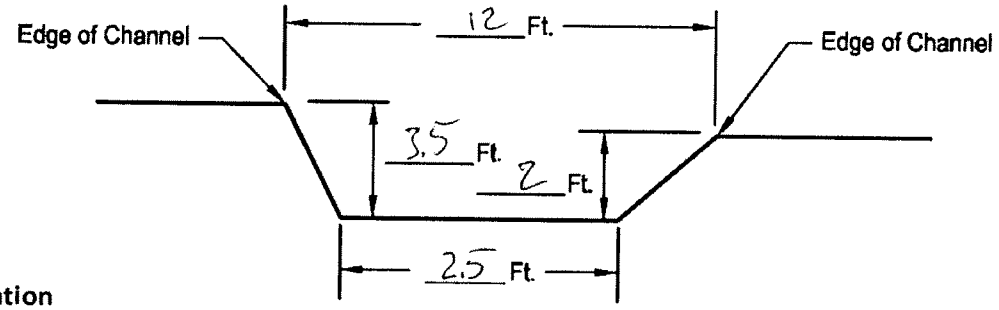
Data Point A. 2

Data Point B. 2a



2. Channel Cross-section

Identify approximate dimensions (in feet) on the diagram below.



3. Photo Documentation

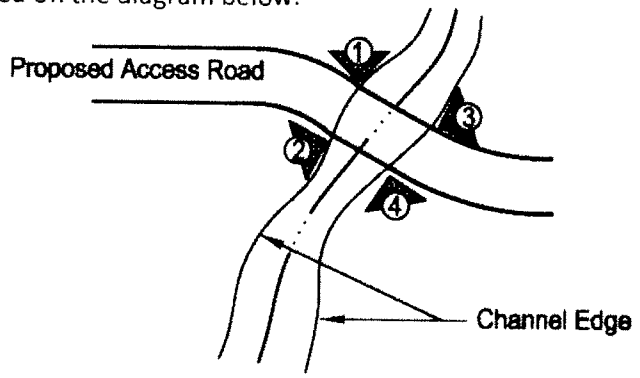
Provide four (4) photographs taken from locations and with orientations indicated below. Label each photo on the diagram below. Provide electronic copies (jpg or pdf) of photos to environmental consultant with labels matching those identified on the diagram below.

Photo 1. 0680

Photo 2. 0681

Photo 3. 0682

Photo 4. 0683



DRAFT

62-Crossing 2-0680

62-Crossing 2-0681

62-Crossing 2-0682

62-Crossing 2-0683

Crossing Name: 63-Crossing 1.pdf

Project
B2H TVEC
Channel Crossing Field Documentation Form

Date: 6-3-11 **Name of Recorder:** T Jones **Crossing Location ID:** 63-Crossing 1

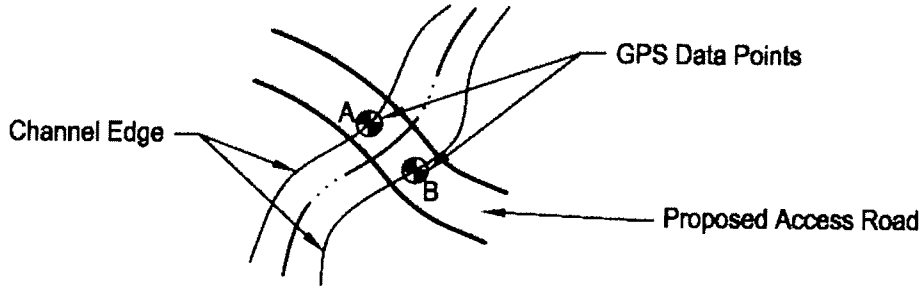
This form may be used to document stream and wash channel conditions at locations proposed for access road crossings. This form is not intended to replace requirements for jurisdictional determination and delineation of waters of the U.S., including wetlands that require a formal delineation procedure.

1. Channel Crossing Location

Identify location on a USGS quad map (or Google Earth topographic or aerial image with latitude and longitude clearly shown) and attach the map to this form. Provide the name of the stream if identified on the map. If a GPS unit is available, provide data points in UTM coordinates for the intersections of the access road centerline with the channel edges as shown in the diagram below (send GPS data points electronically to environmental consultant, labeled as shown below).

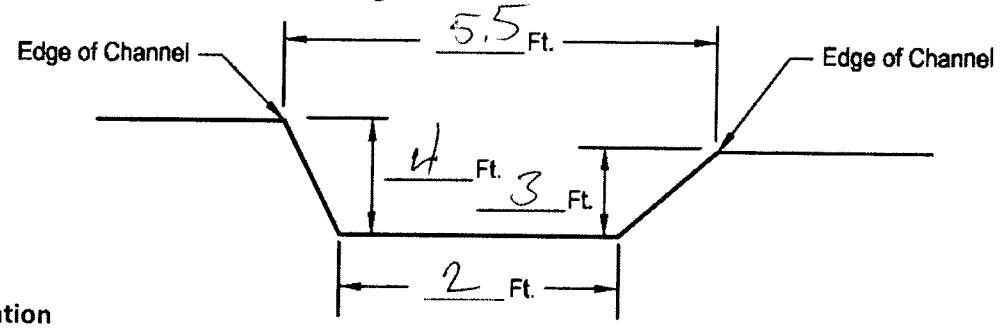
Data Point A. 1

Data Point B. 1A



2. Channel Cross-section

Identify approximate dimensions (in feet) on the diagram below.



3. Photo Documentation

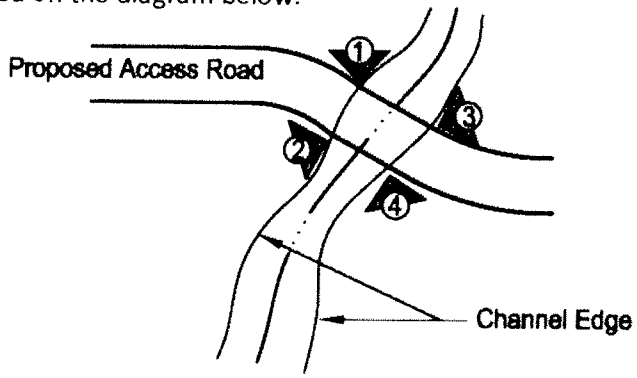
Provide four (4) photographs taken from locations and with orientations indicated below. Label each photo on the diagram below. Provide electronic copies (jpg or pdf) of photos to environmental consultant with labels matching those identified on the diagram below.

Photo 1. _____

Photo 2. _____

Photo 3. _____

Photo 4. _____



DRAFT

63-Crossing 1-0010

63-Crossing 1-0011

63-Crossing 1-0012

63-Crossing 1-0013

Crossing Name: 63-Crossing 10.pdf

Project
B2H TVEC
Channel Crossing Field Documentation Form

Date: 6-3-11 **Name of Recorder:** Thad Jones **Crossing Location ID:** 63 crossing 10

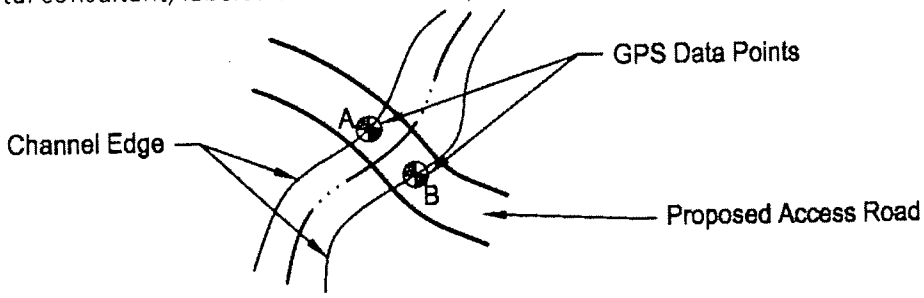
This form may be used to document stream and wash channel conditions at locations proposed for access road crossings. This form is not intended to replace requirements for jurisdictional determination and delineation of waters of the U.S., including wetlands that require a formal delineation procedure.

1. Channel Crossing Location

Identify location on a USGS quad map (or Google Earth topographic or aerial image with latitude and longitude clearly shown) and attach the map to this form. Provide the name of the stream if identified on the map. If a GPS unit is available, provide data points in UTM coordinates for the intersections of the access road centerline with the channel edges as shown in the diagram below (send GPS data points electronically to environmental consultant, labeled as shown below).

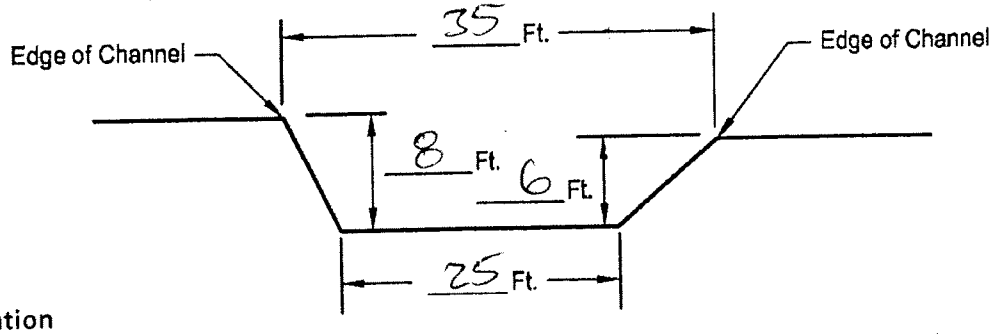
Data Point A. 10

Data Point B. 10A



2. Channel Cross-section

Identify approximate dimensions (in feet) on the diagram below.



3. Photo Documentation

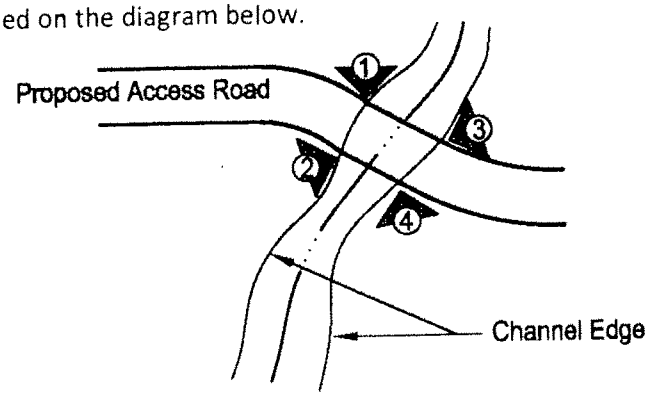
Provide four (4) photographs taken from locations and with orientations indicated below. Label each photo on the diagram below. Provide electronic copies (jpg or pdf) of photos to environmental consultant with labels matching those identified on the diagram below.

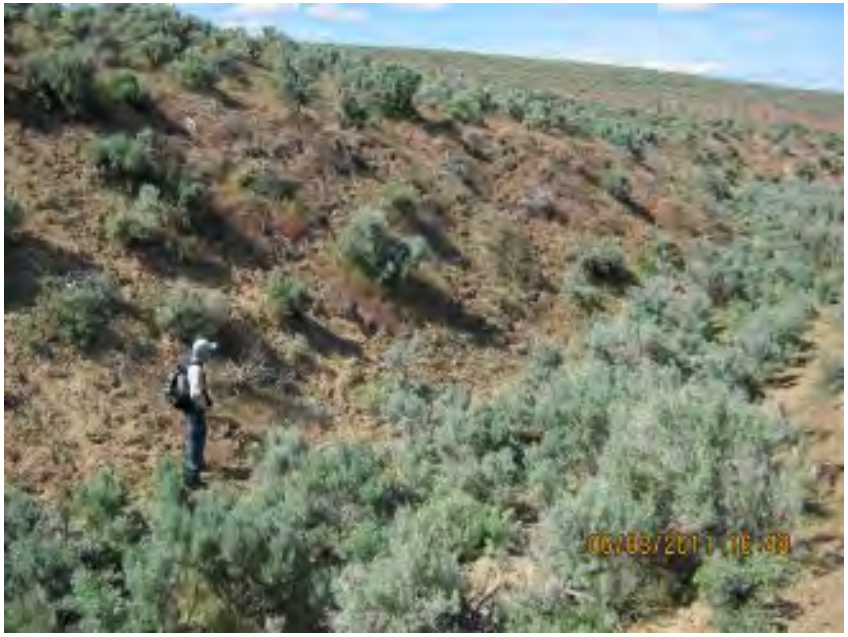
Photo 1. 0064

Photo 2. 0065

Photo 3. 0066

Photo 4. 0067





63-Crossing 10-0064

63-Crossing 10-0065

63-Crossing 10-0066

63-Crossing 10-0067

Crossing Name: 63-Crossing 11.pdf

Project
B2H TVEC
Channel Crossing Field Documentation Form

Date: 6-3-11 **Name of Recorder:** Thad Jones **Crossing Location ID:** 63 crossing 11

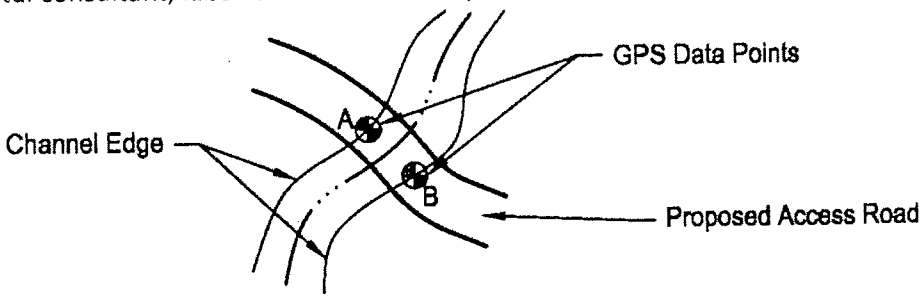
This form may be used to document stream and wash channel conditions at locations proposed for access road crossings. This form is not intended to replace requirements for jurisdictional determination and delineation of waters of the U.S., including wetlands that require a formal delineation procedure.

1. Channel Crossing Location

Identify location on a USGS quad map (or Google Earth topographic or aerial image with latitude and longitude clearly shown) and attach the map to this form. Provide the name of the stream if identified on the map. If a GPS unit is available, provide data points in UTM coordinates for the intersections of the access road centerline with the channel edges as shown in the diagram below (send GPS data points electronically to environmental consultant, labeled as shown below).

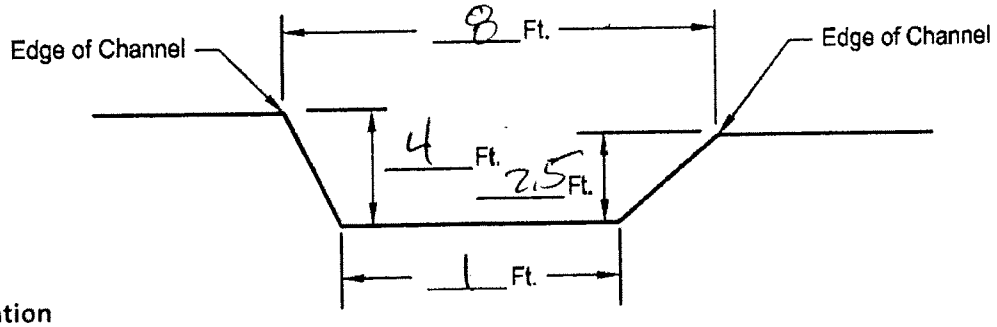
Data Point A. 11

Data Point B. 11A



2. Channel Cross-section

Identify approximate dimensions (in feet) on the diagram below.



3. Photo Documentation

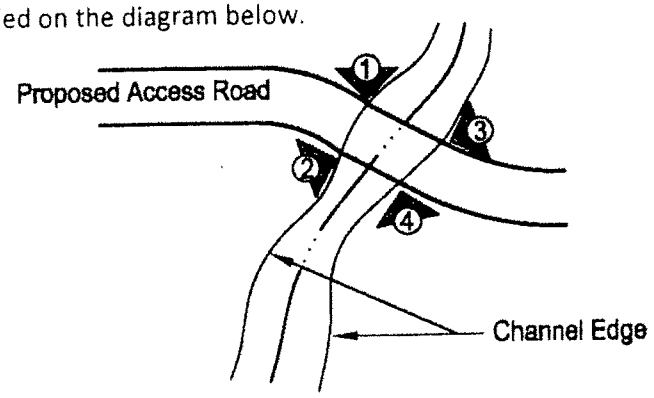
Provide four (4) photographs taken from locations and with orientations indicated below. Label each photo on the diagram below. Provide electronic copies (jpg or pdf) of photos to environmental consultant with labels matching those identified on the diagram below.

Photo 1. 0070

Photo 2. 0071

Photo 3. 0072

Photo 4. 0073

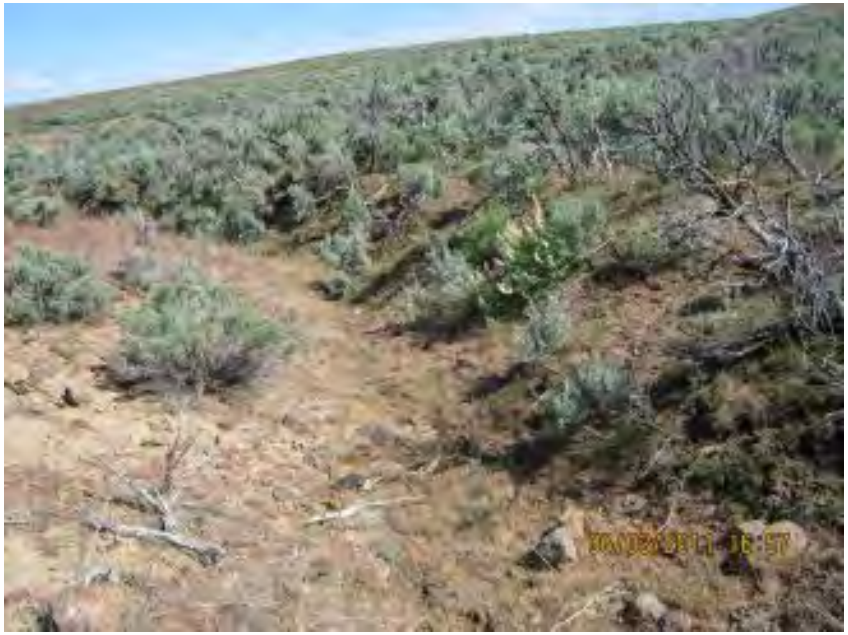


DRAFT

63-Crossing 11-0070

63-Crossing 11-0071

63-Crossing 11-0072



63-Crossing 11-0073

Crossing Name: 63-Crossing 2.pdf

Project
B2H TVEC
Channel Crossing Field Documentation Form

Date: 6-3-11 **Name of Recorder:** T Jones **Crossing Location ID:** 63 Crossing 2

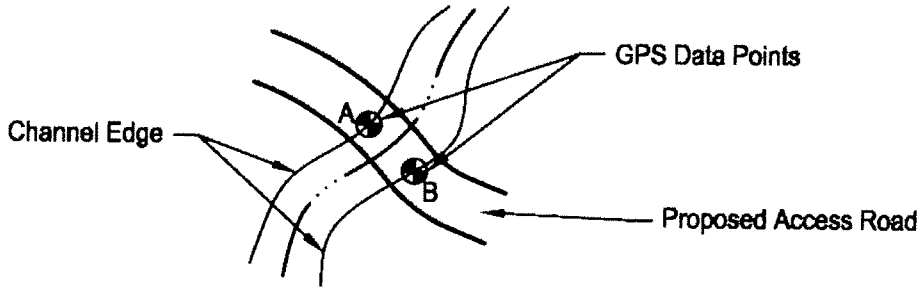
This form may be used to document stream and wash channel conditions at locations proposed for access road crossings. This form is not intended to replace requirements for jurisdictional determination and delineation of waters of the U.S., including wetlands that require a formal delineation procedure.

1. Channel Crossing Location

Identify location on a USGS quad map (or Google Earth topographic or aerial image with latitude and longitude clearly shown) and attach the map to this form. Provide the name of the stream if identified on the map. If a GPS unit is available, provide data points in UTM coordinates for the intersections of the access road centerline with the channel edges as shown in the diagram below (send GPS data points electronically to environmental consultant, labeled as shown below).

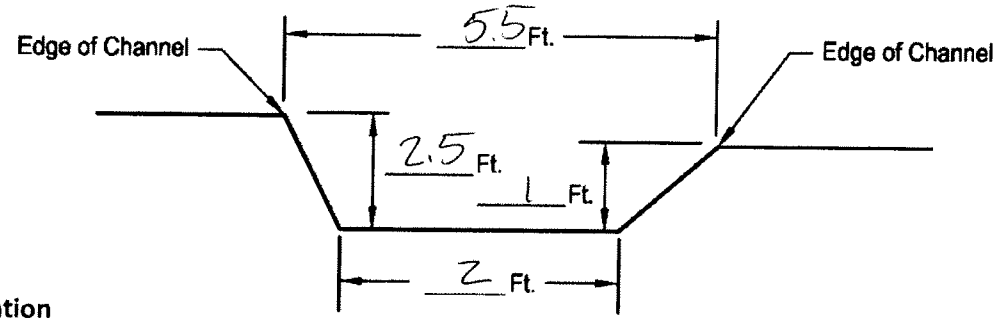
Data Point A. 2

Data Point B. 2A



2. Channel Cross-section

Identify approximate dimensions (in feet) on the diagram below.



3. Photo Documentation

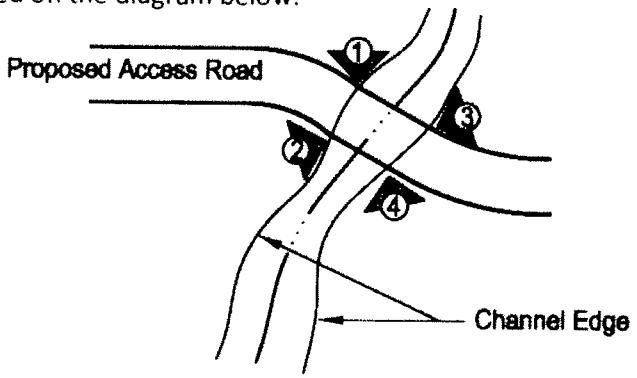
Provide four (4) photographs taken from locations and with orientations indicated below. Label each photo on the diagram below. Provide electronic copies (jpg or pdf) of photos to environmental consultant with labels matching those identified on the diagram below.

Photo 1. _____

Photo 2. _____

Photo 3. _____

Photo 4. _____



DRAFT

63-Crossing 2-0019

63-Crossing 2-0020

63-Crossing 2-0021

63-Crossing 2-0022

Crossing Name: 63-Crossing 3.pdf

Project
B2H TVEC
Channel Crossing Field Documentation Form

Date: 6-3-11 **Name of Recorder:** TJ **Crossing Location ID:** 63 Crossing 3

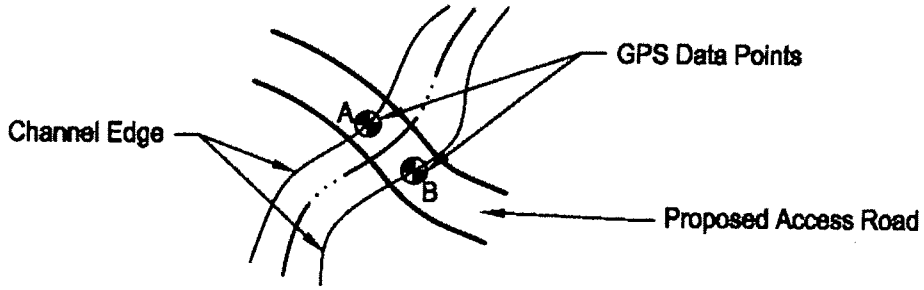
This form may be used to document stream and wash channel conditions at locations proposed for access road crossings. This form is not intended to replace requirements for jurisdictional determination and delineation of waters of the U.S., including wetlands that require a formal delineation procedure.

1. Channel Crossing Location

Identify location on a USGS quad map (or Google Earth topographic or aerial image with latitude and longitude clearly shown) and attach the map to this form. Provide the name of the stream if identified on the map. If a GPS unit is available, provide data points in UTM coordinates for the intersections of the access road centerline with the channel edges as shown in the diagram below (send GPS data points electronically to environmental consultant, labeled as shown below).

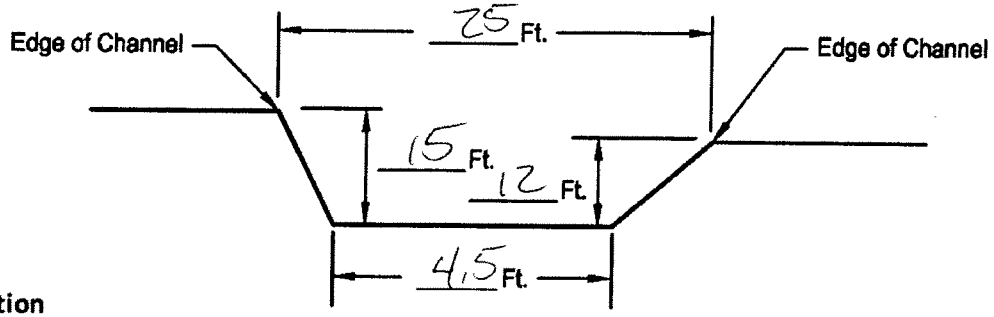
Data Point A. 3

Data Point B. 3A



2. Channel Cross-section

Identify approximate dimensions (in feet) on the diagram below.



3. Photo Documentation

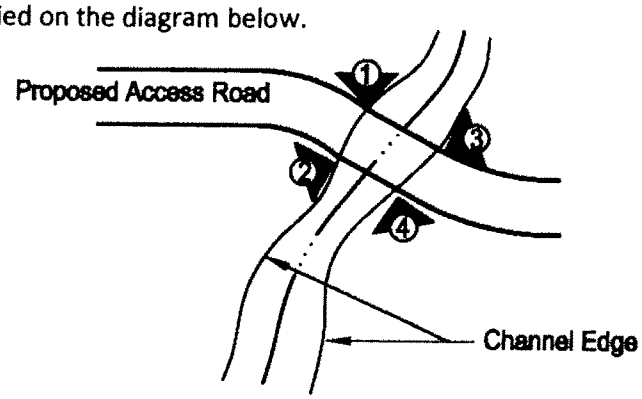
Provide four (4) photographs taken from locations and with orientations indicated below. Label each photo on the diagram below. Provide electronic copies (jpg or pdf) of photos to environmental consultant with labels matching those identified on the diagram below.

Photo 1. _____

Photo 2. _____

Photo 3. _____

Photo 4. _____



DRAFT

63-Crossing 3-0023

63-Crossing 3-0024

63-Crossing 3-0025

63-Crossing 3-0026

Crossing Name: 63-Crossing 4.pdf

Project
B2H TVEC
Channel Crossing Field Documentation Form

Date: 6-3-11 **Name of Recorder:** T Jones **Crossing Location ID:** 63-Crossing 4

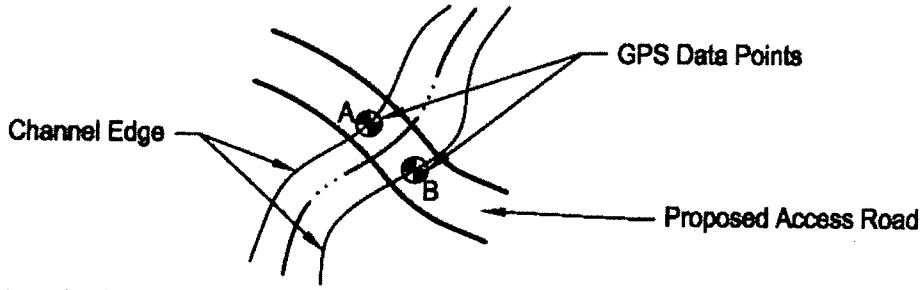
This form may be used to document stream and wash channel conditions at locations proposed for access road crossings. This form is not intended to replace requirements for jurisdictional determination and delineation of waters of the U.S., including wetlands that require a formal delineation procedure.

1. Channel Crossing Location

Identify location on a USGS quad map (or Google Earth topographic or aerial image with latitude and longitude clearly shown) and attach the map to this form. Provide the name of the stream if identified on the map. If a GPS unit is available, provide data points in UTM coordinates for the intersections of the access road centerline with the channel edges as shown in the diagram below (send GPS data points electronically to environmental consultant, labeled as shown below).

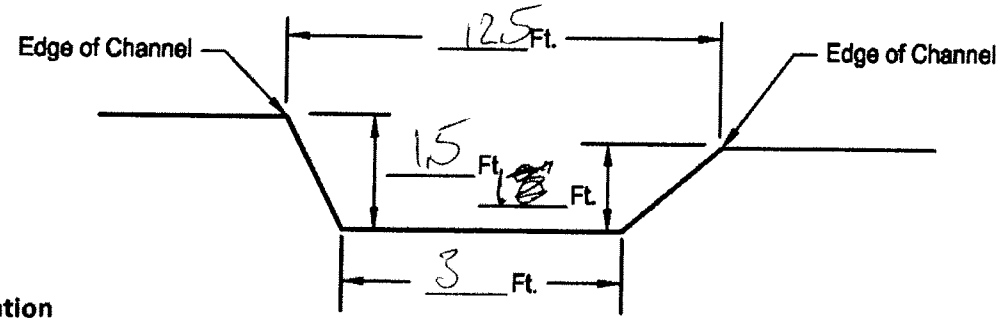
Data Point A. 4

Data Point B. 4A



2. Channel Cross-section

Identify approximate dimensions (in feet) on the diagram below.



3. Photo Documentation

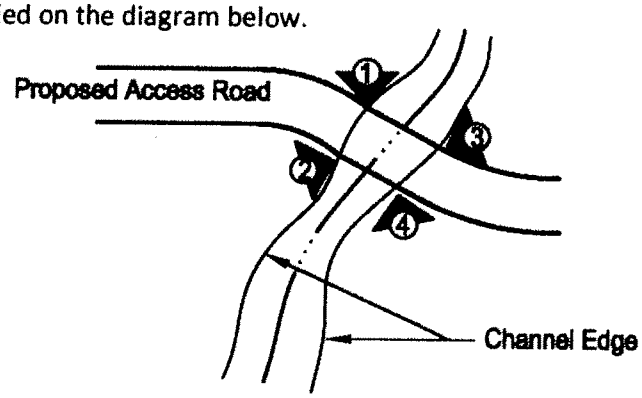
Provide four (4) photographs taken from locations and with orientations indicated below. Label each photo on the diagram below. Provide electronic copies (jpg or pdf) of photos to environmental consultant with labels matching those identified on the diagram below.

Photo 1. _____

Photo 2. _____

Photo 3. _____

Photo 4. _____



DRAFT

63-Crossing 4-0029

63-Crossing 4-0030

63-Crossing 4-0031

63-Crossing 4-0032

Crossing Name: 63-Crossing 5.pdf

Project
B2H TVEC
Channel Crossing Field Documentation Form

Date: 6-3-11 **Name of Recorder:** Thad Jones **Crossing Location ID:** 63-Crossing 5

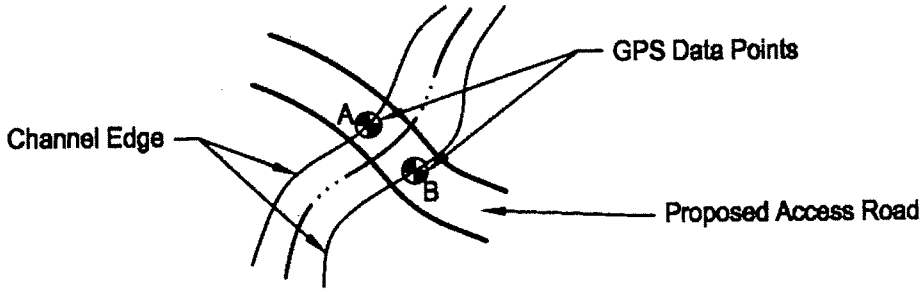
This form may be used to document stream and wash channel conditions at locations proposed for access road crossings. This form is not intended to replace requirements for jurisdictional determination and delineation of waters of the U.S., including wetlands that require a formal delineation procedure.

1. Channel Crossing Location

Identify location on a USGS quad map (or Google Earth topographic or aerial image with latitude and longitude clearly shown) and attach the map to this form. Provide the name of the stream if identified on the map. If a GPS unit is available, provide data points in UTM coordinates for the intersections of the access road centerline with the channel edges as shown in the diagram below (send GPS data points electronically to environmental consultant, labeled as shown below).

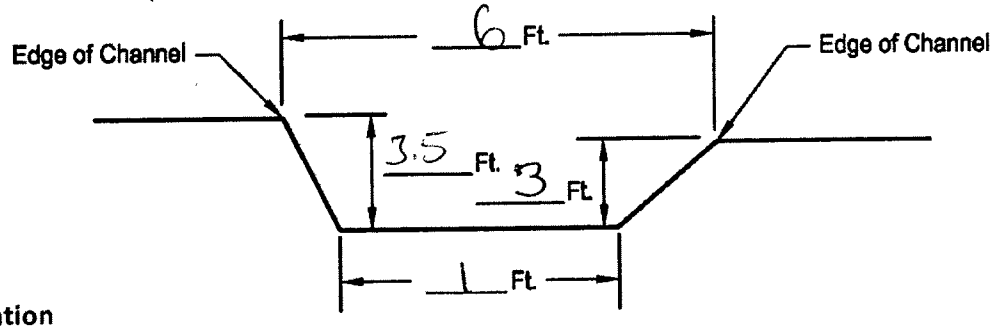
Data Point A. 5

Data Point B. 6A



2. Channel Cross-section

Identify approximate dimensions (in feet) on the diagram below.



3. Photo Documentation

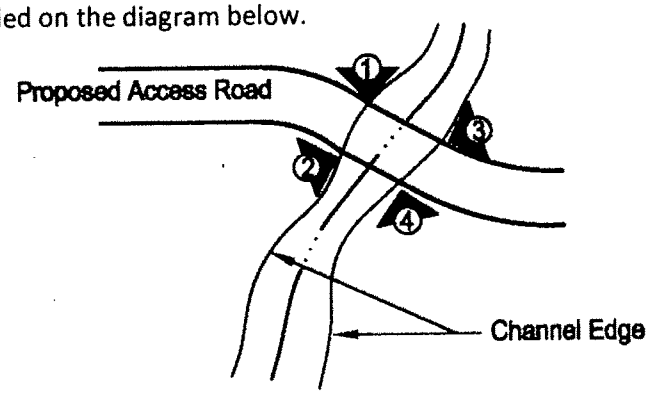
Provide four (4) photographs taken from locations and with orientations indicated below. Label each photo on the diagram below. Provide electronic copies (jpg or pdf) of photos to environmental consultant with labels matching those identified on the diagram below.

Photo 1. 0034

Photo 2. 0035

Photo 3. 0036

Photo 4. 0037



DRAFT

63-Crossing 5-0034

63-Crossing 5-0035

63-Crossing 5-0036

63-Crossing 5-0037

Crossing Name: 63-Crossing 6.pdf

Project
B2H TVEC
Channel Crossing Field Documentation Form

Date: 6-3-11 **Name of Recorder:** Thad Jones **Crossing Location ID:** 63-Crossing 6

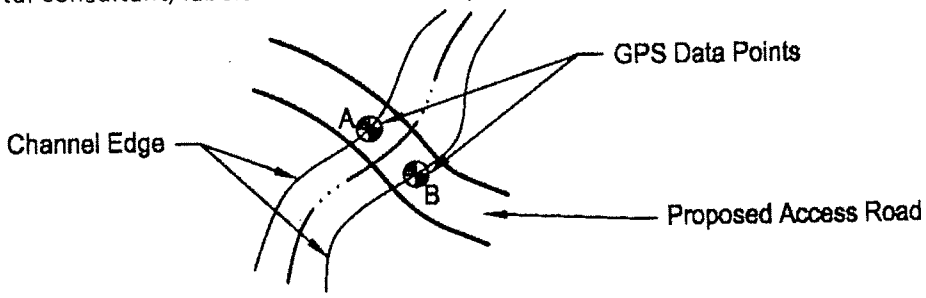
This form may be used to document stream and wash channel conditions at locations proposed for access road crossings. This form is not intended to replace requirements for jurisdictional determination and delineation of waters of the U.S., including wetlands that require a formal delineation procedure.

1. Channel Crossing Location

Identify location on a USGS quad map (or Google Earth topographic or aerial image with latitude and longitude clearly shown) and attach the map to this form. Provide the name of the stream if identified on the map. If a GPS unit is available, provide data points in UTM coordinates for the intersections of the access road centerline with the channel edges as shown in the diagram below (send GPS data points electronically to environmental consultant, labeled as shown below).

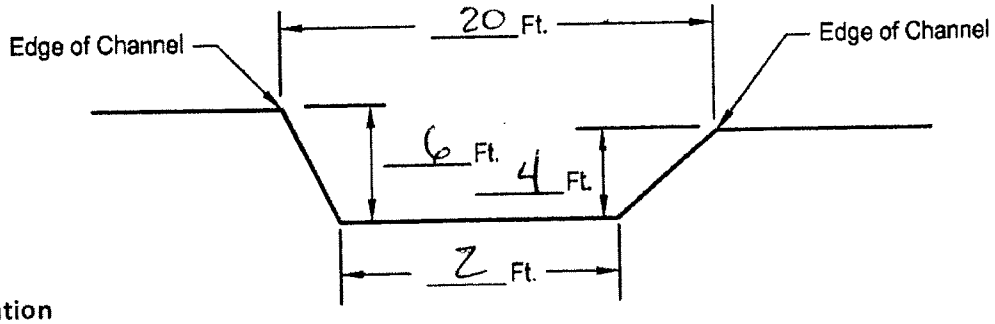
Data Point A. 6

Data Point B. 6A



2. Channel Cross-section

Identify approximate dimensions (in feet) on the diagram below.



3. Photo Documentation

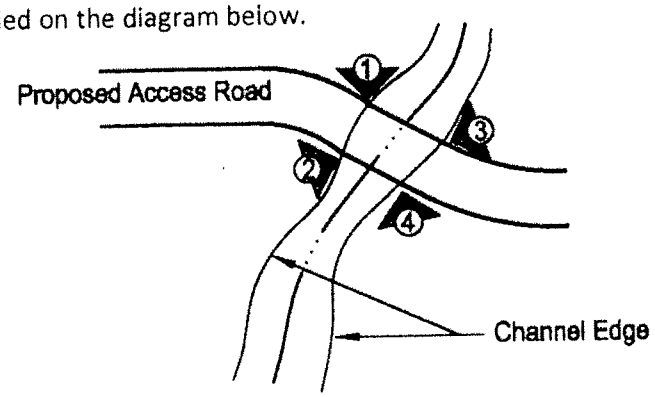
Provide four (4) photographs taken from locations and with orientations indicated below. Label each photo on the diagram below. Provide electronic copies (jpg or pdf) of photos to environmental consultant with labels matching those identified on the diagram below.

Photo 1. 0040

Photo 2. 0041

Photo 3. 0042

Photo 4. 0043



DRAFT

63-Crossing 6-0040

63-Crossing 6-0041

63-Crossing 6-0042

63-Crossing 6-0043

Crossing Name: 0621-14.pdf

Project
B2H TVEC
Channel Crossing Field Documentation Form

Date: 6-21-14 **Name of Recorder:** ~~Thad Jones~~ Mary Heist **Crossing Location ID:** 1

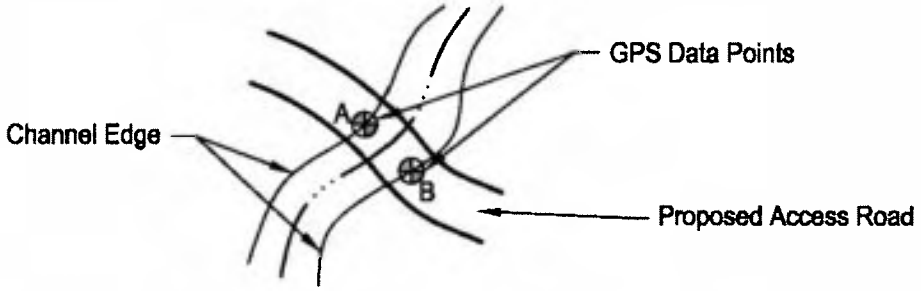
This form may be used to document stream and wash channel conditions at locations proposed for access road crossings. This form is not intended to replace requirements for jurisdictional determination and delineation of waters of the U.S., including wetlands that require a formal delineation procedure.

1. Channel Crossing Location

Identify location on a USGS quad map (or Google Earth topographic or aerial image with latitude and longitude clearly shown) and attach the map to this form. Provide the name of the stream if identified on the map. If a GPS unit is available, provide data points in UTM coordinates for the intersections of the access road centerline with the channel edges as shown in the diagram below (send GPS data points electronically to environmental consultant, labeled as shown below).

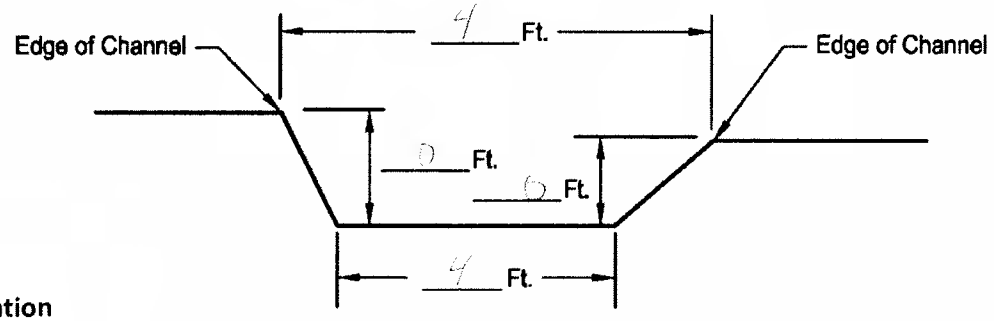
Data Point A. 621-14

Data Point B. _____



2. Channel Cross-section

Identify approximate dimensions (in feet) on the diagram below.



3. Photo Documentation

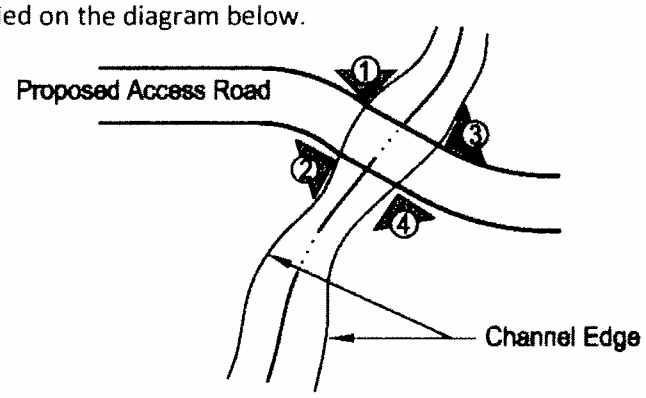
Provide four (4) photographs taken from locations and with orientations indicated below. Label each photo on the diagram below. Provide electronic copies (jpg or pdf) of photos to environmental consultant with labels matching those identified on the diagram below.

Photo 1. 621-14

Photo 2. 621-15

Photo 3. 621-16

Photo 4. 621-17



DRAFT

621-14A

621-14B

621-14C

621-14D

Crossing Name: 0622_03.pdf

Project
B2H TVEC
Channel Crossing Field Documentation Form

Date: 6-22-11 **Name of Recorder:** RS **Crossing Location ID:** 0622-03 Channel

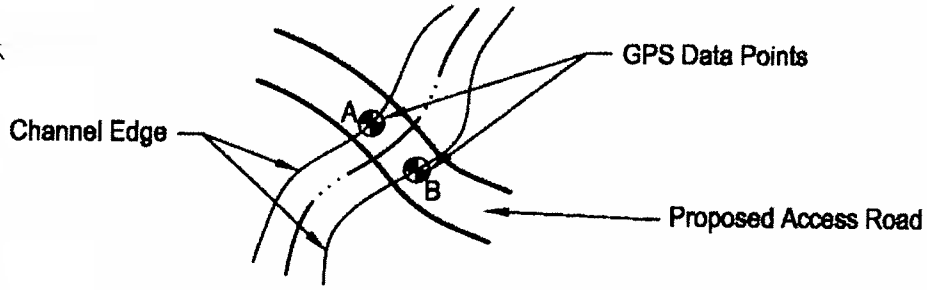
This form may be used to document stream and wash channel conditions at locations proposed for access road crossings. This form is not intended to replace requirements for jurisdictional determination and delineation of waters of the U.S., including wetlands that require a formal delineation procedure.

1. Channel Crossing Location

Identify location on a USGS quad map (or Google Earth topographic or aerial image with latitude and longitude clearly shown) and attach the map to this form. Provide the name of the stream if identified on the map. If a GPS unit is available, provide data points in UTM coordinates for the intersections of the access road centerline with the channel edges as shown in the diagram below (send GPS data points electronically to environmental consultant, labeled as shown below).

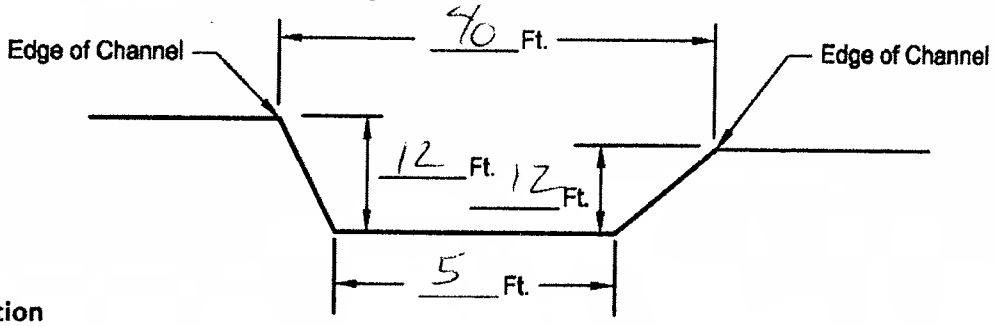
Data Point A. 0622-03A

Data Point B. 0622-03B



2. Channel Cross-section

Identify approximate dimensions (in feet) on the diagram below.



3. Photo Documentation

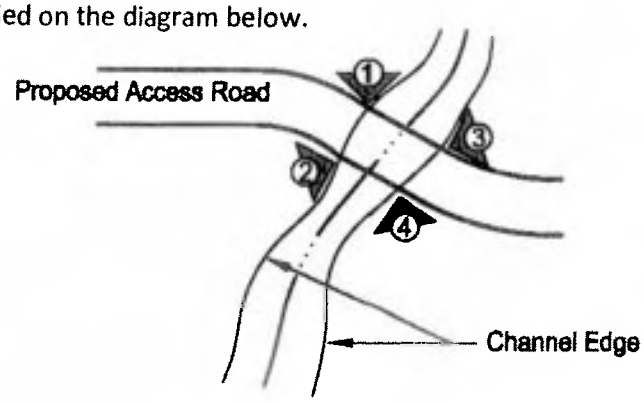
Provide four (4) photographs taken from locations and with orientations indicated below. Label each photo on the diagram below. Provide electronic copies (jpg or pdf) of photos to environmental consultant with labels matching those identified on the diagram below.

Photo 1. NW

Photo 2. SW

Photo 3. SE

Photo 4. NE



DRAFT

0622_03 channel NE

0622_03 channel NW

0622_03 channel SE

0622_03channel SW

Crossing Name: 0623_01.pdf

Project
B2H TVEC
Channel Crossing Field Documentation Form

Date: 6/23/11 **Name of Recorder:** RS **Crossing Location ID:** 0623-1A/1B

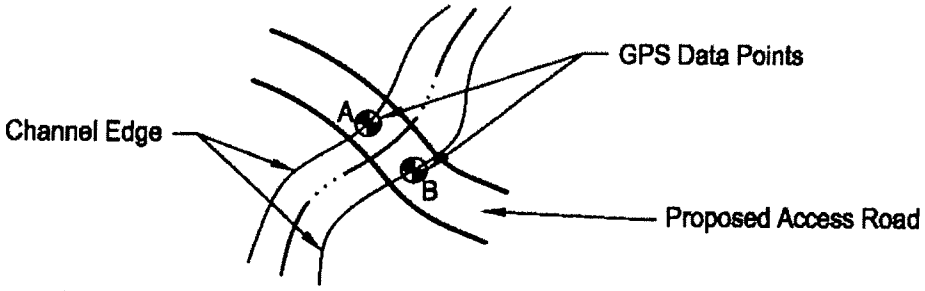
This form may be used to document stream and wash channel conditions at locations proposed for access road crossings. This form is not intended to replace requirements for jurisdictional determination and delineation of waters of the U.S., including wetlands that require a formal delineation procedure.

1. Channel Crossing Location

Identify location on a USGS quad map (or Google Earth topographic or aerial image with latitude and longitude clearly shown) and attach the map to this form. Provide the name of the stream if identified on the map. If a GPS unit is available, provide data points in UTM coordinates for the intersections of the access road centerline with the channel edges as shown in the diagram below (send GPS data points electronically to environmental consultant, labeled as shown below).

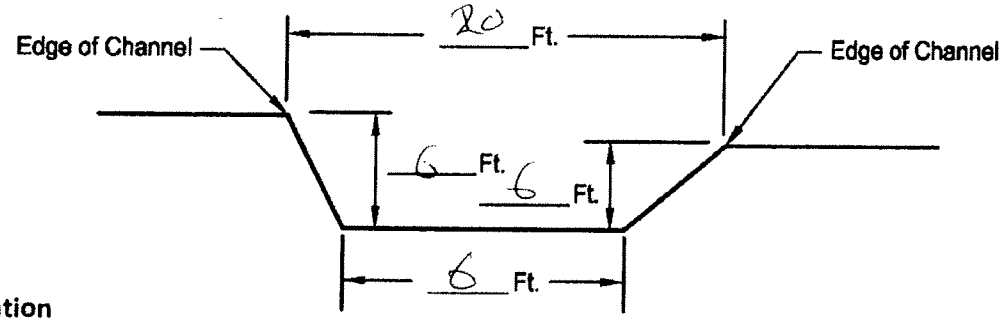
Data Point A. 0623-1A

Data Point B. 0623-1B



2. Channel Cross-section

Identify approximate dimensions (in feet) on the diagram below.



3. Photo Documentation

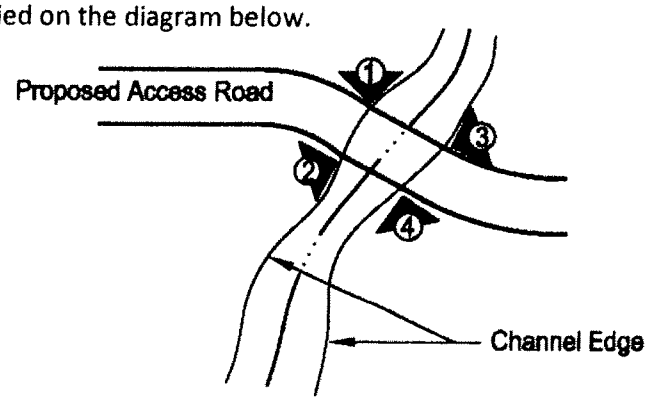
Provide four (4) photographs taken from locations and with orientations indicated below. Label each photo on the diagram below. Provide electronic copies (jpg or pdf) of photos to environmental consultant with labels matching those identified on the diagram below.

Photo 1. NW

Photo 2. SW

Photo 3. SE

Photo 4. NE



DRAFT

0623_01 NE

0623_01 NW

0623_01 SE

0623_01 SW

Crossing Name: 0624_01.pdf

Project
B2H TVEC
Channel Crossing Field Documentation Form

Date: 6-24-11 **Name of Recorder:** RS **Crossing Location ID:** 0624-1A/1B

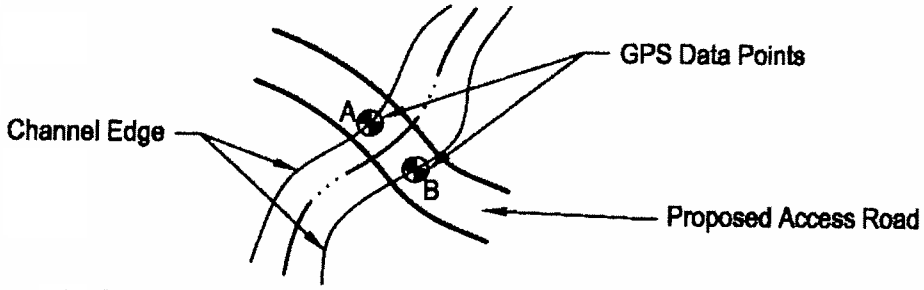
This form may be used to document stream and wash channel conditions at locations proposed for access road crossings. This form is not intended to replace requirements for jurisdictional determination and delineation of waters of the U.S., including wetlands that require a formal delineation procedure.

1. Channel Crossing Location

Identify location on a USGS quad map (or Google Earth topographic or aerial image with latitude and longitude clearly shown) and attach the map to this form. Provide the name of the stream if identified on the map. If a GPS unit is available, provide data points in UTM coordinates for the intersections of the access road centerline with the channel edges as shown in the diagram below (send GPS data points electronically to environmental consultant, labeled as shown below).

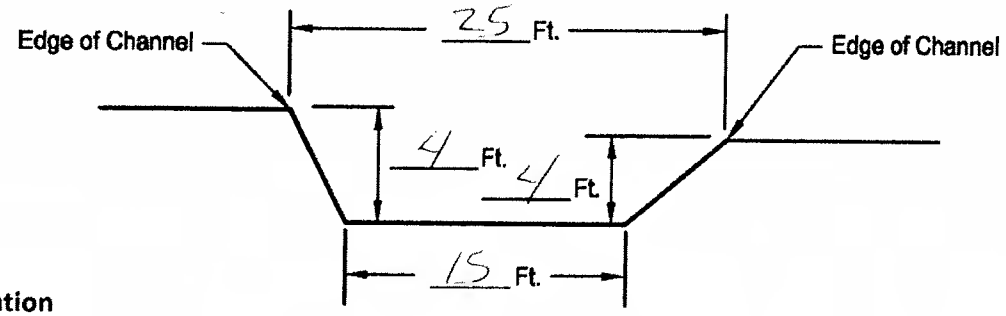
Data Point A. 0624-1A

Data Point B. 0624-01B



2. Channel Cross-section

Identify approximate dimensions (in feet) on the diagram below.



3. Photo Documentation

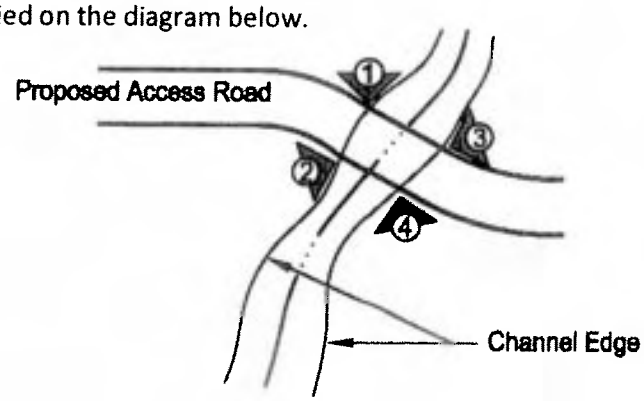
Provide four (4) photographs taken from locations and with orientations indicated below. Label each photo on the diagram below. Provide electronic copies (jpg or pdf) of photos to environmental consultant with labels matching those identified on the diagram below.

Photo 1. SW

Photo 2. SE

Photo 3. NE

Photo 4. NW



DRAFT

0624_01 NE

0624_01 NW

0624_01 SE

0624_01 SW

Crossing Name: 0625_01.pdf

Project
B2H TVEC
Channel Crossing Field Documentation Form

Date: 6-25-11 **Name of Recorder:** RS **Crossing Location ID:** 0625-01A/01B

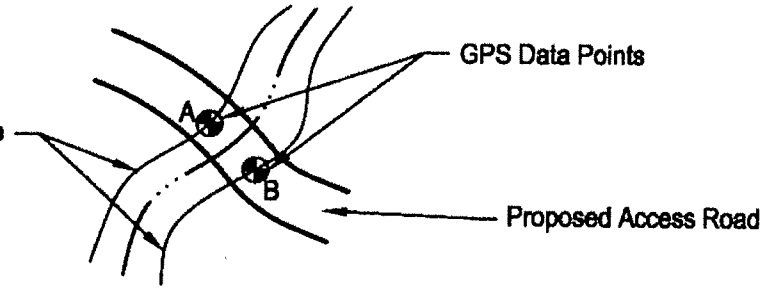
This form may be used to document stream and wash channel conditions at locations proposed for access road crossings. This form is not intended to replace requirements for jurisdictional determination and delineation of waters of the U.S., including wetlands that require a formal delineation procedure.

1. Channel Crossing Location

Identify location on a USGS quad map (or Google Earth topographic or aerial image with latitude and longitude clearly shown) and attach the map to this form. Provide the name of the stream if identified on the map. If a GPS unit is available, provide data points in UTM coordinates for the intersections of the access road centerline with the channel edges as shown in the diagram below (send GPS data points electronically to environmental consultant, labeled as shown below).

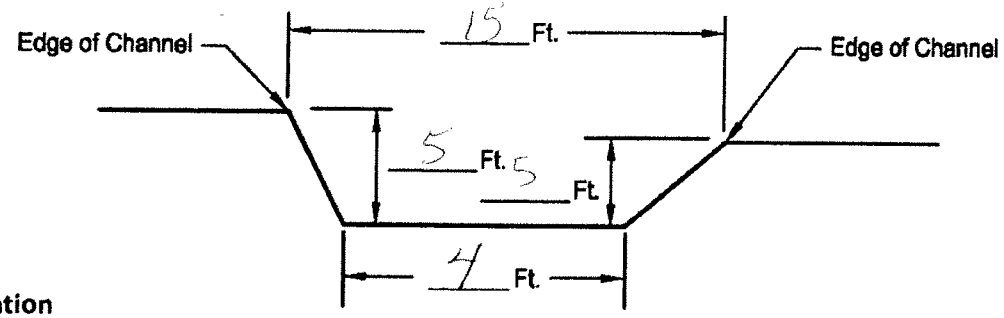
Data Point A. 0625-01A

Data Point B. 0625-01B



2. Channel Cross-section

Identify approximate dimensions (in feet) on the diagram below.



3. Photo Documentation

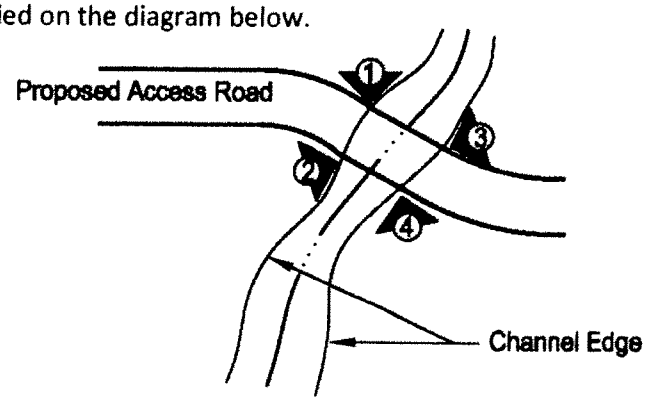
Provide four (4) photographs taken from locations and with orientations indicated below. Label each photo on the diagram below. Provide electronic copies (jpg or pdf) of photos to environmental consultant with labels matching those identified on the diagram below.

Photo 1. SW

Photo 2. SE

Photo 3. NE

Photo 4. NW



DRAFT

0625_01 NE

0625_01 NW

0625_01 SE

0625_01 SW

Crossing Name: 0625_02.pdf

Project
B2H TVEC
Channel Crossing Field Documentation Form

Date 6-25-11 **Name of Recorder:** BS **Crossing Location ID:** 0625-02

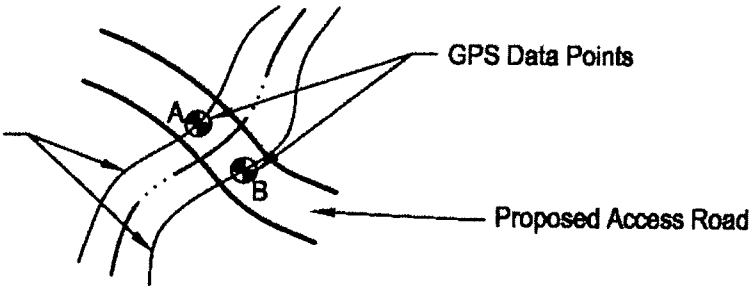
This form may be used to document stream and wash channel conditions at locations proposed for access road crossings. This form is not intended to replace requirements for jurisdictional determination and delineation of waters of the U.S., including wetlands that require a formal delineation procedure.

1. Channel Crossing Location

Identify location on a USGS quad map (or Google Earth topographic or aerial image with latitude and longitude clearly shown) and attach the map to this form. Provide the name of the stream if identified on the map. If a GPS unit is available, provide data points in UTM coordinates for the intersections of the access road centerline with the channel edges as shown in the diagram below (send GPS data points electronically to environmental consultant, labeled as shown below).

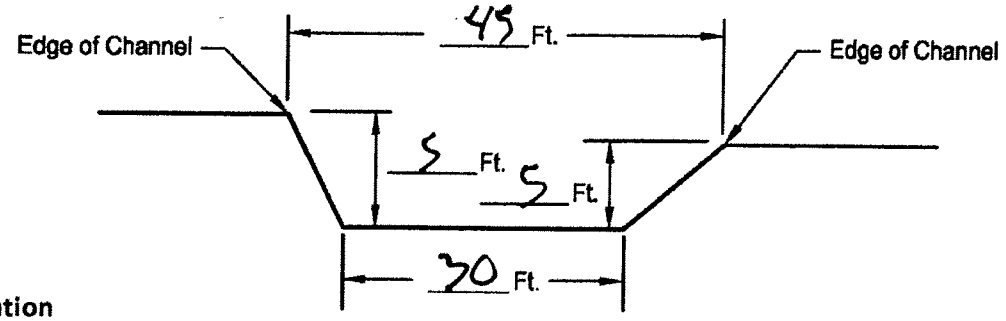
Data Point A. 0625-02A

Data Point B. 0625-02B



2. Channel Cross-section

Identify approximate dimensions (in feet) on the diagram below.



3. Photo Documentation

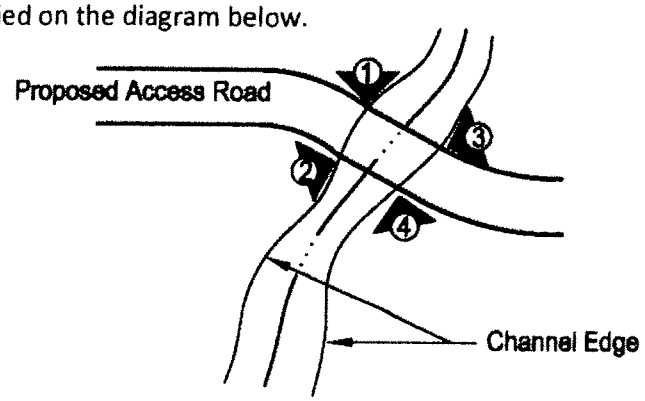
Provide four (4) photographs taken from locations and with orientations indicated below. Label each photo on the diagram below. Provide electronic copies (jpg or pdf) of photos to environmental consultant with labels matching those identified on the diagram below.

Photo 1. NW

Photo 2. SW

Photo 3. SE

Photo 4. NE



DRAFT

0625_02 NE

0625_02 NW

0625_02 SE

0625_02 SW

Crossing Name: 0625_03.pdf

Project
B2H TVEC
Channel Crossing Field Documentation Form

Date: 6-23 **Name of Recorder:** RS **Crossing Location ID:** 0625-03

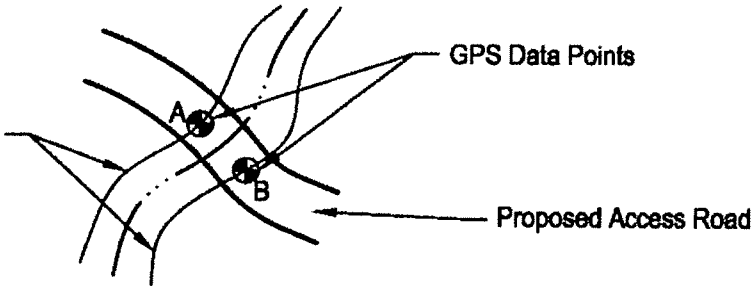
This form may be used to document stream and wash channel conditions at locations proposed for access road crossings. This form is not intended to replace requirements for jurisdictional determination and delineation of waters of the U.S., including wetlands that require a formal delineation procedure.

1. Channel Crossing Location

Identify location on a USGS quad map (or Google Earth topographic or aerial image with latitude and longitude clearly shown) and attach the map to this form. Provide the name of the stream if identified on the map. If a GPS unit is available, provide data points in UTM coordinates for the intersections of the access road centerline with the channel edges as shown in the diagram below (send GPS data points electronically to environmental consultant, labeled as shown below).

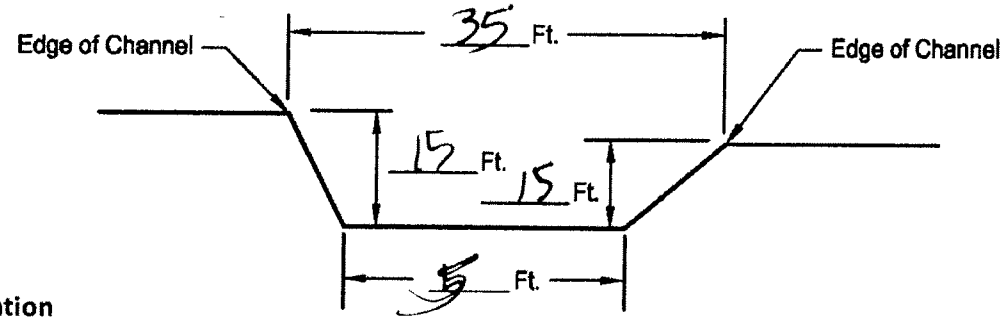
Data Point A. 0625-03A

Data Point B. 0625-03B



2. Channel Cross-section

Identify approximate dimensions (in feet) on the diagram below.



3. Photo Documentation

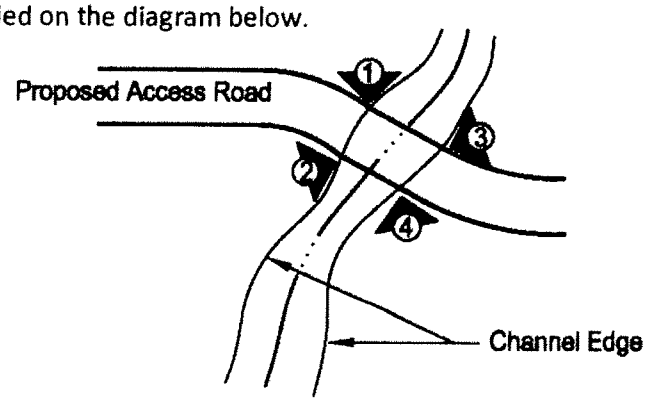
Provide four (4) photographs taken from locations and with orientations indicated below. Label each photo on the diagram below. Provide electronic copies (jpg or pdf) of photos to environmental consultant with labels matching those identified on the diagram below.

Photo 1. SW

Photo 2. SE

Photo 3. NE

Photo 4. NW



DRAFT

0625_03 NE

0625_03 NW

0625_03 SE

0625_03 SW

Crossing Name: 0626_01.pdf

Project
B2H TVEC
Channel Crossing Field Documentation Form

Date: 06-26-11 **Name of Recorder:** RS **Crossing Location ID:** 0626-01 A/B

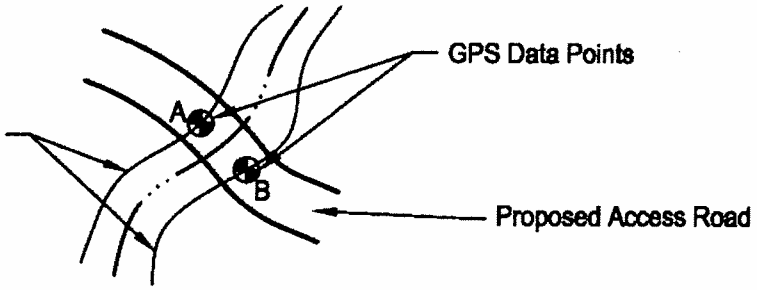
This form may be used to document stream and wash channel conditions at locations proposed for access road crossings. This form is not intended to replace requirements for jurisdictional determination and delineation of waters of the U.S., including wetlands that require a formal delineation procedure.

1. Channel Crossing Location

Identify location on a USGS quad map (or Google Earth topographic or aerial image with latitude and longitude clearly shown) and attach the map to this form. Provide the name of the stream if identified on the map. If a GPS unit is available, provide data points in UTM coordinates for the intersections of the access road centerline with the channel edges as shown in the diagram below (send GPS data points electronically to environmental consultant, labeled as shown below).

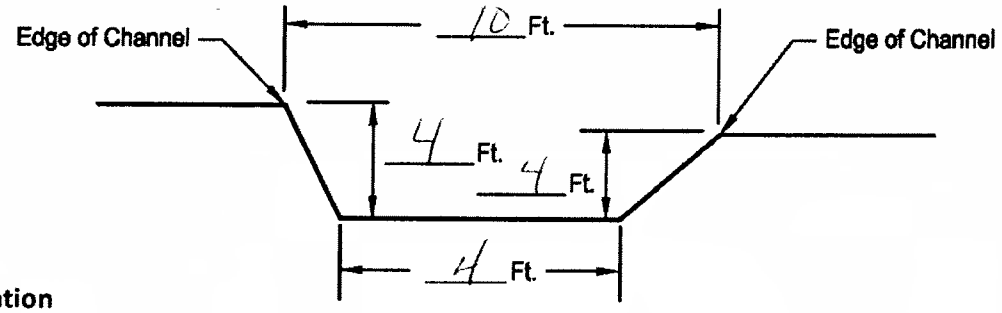
Data Point A. 0626 01A

Data Point B. 0626-01B



2. Channel Cross-section

Identify approximate dimensions (in feet) on the diagram below.



3. Photo Documentation

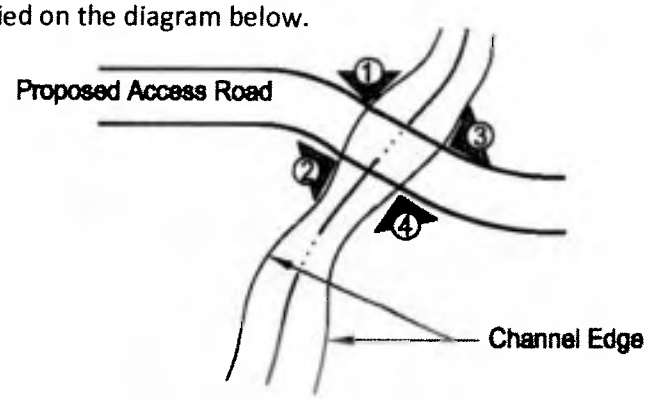
Provide four (4) photographs taken from locations and with orientations indicated below. Label each photo on the diagram below. Provide electronic copies (jpg or pdf) of photos to environmental consultant with labels matching those identified on the diagram below.

Photo 1. NE

Photo 2. NW

Photo 3. SW

Photo 4. SE



DRAFT

0626_01 NE

0626_01 NW

0626_01 SE

0626_01 SW

Crossing Name: 0626_05.pdf

Project
B2H TVEC
Channel Crossing Field Documentation Form

Date: 6/26/11 **Name of Recorder:** JS **Crossing Location ID:** 0626-05

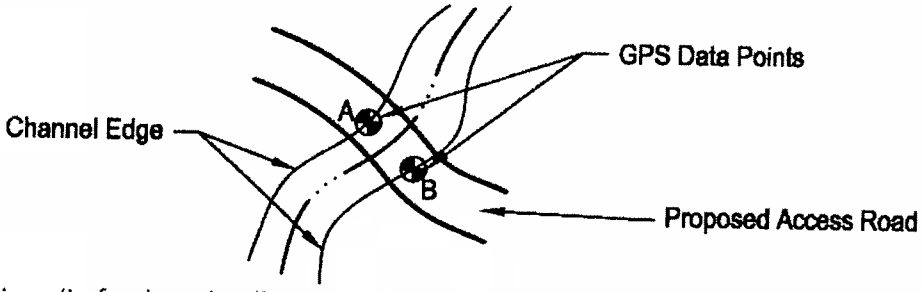
This form may be used to document stream and wash channel conditions at locations proposed for access road crossings. This form is not intended to replace requirements for jurisdictional determination and delineation of waters of the U.S., including wetlands that require a formal delineation procedure.

1. Channel Crossing Location

Identify location on a USGS quad map (or Google Earth topographic or aerial image with latitude and longitude clearly shown) and attach the map to this form. Provide the name of the stream if identified on the map. If a GPS unit is available, provide data points in UTM coordinates for the intersections of the access road centerline with the channel edges as shown in the diagram below (send GPS data points electronically to environmental consultant, labeled as shown below).

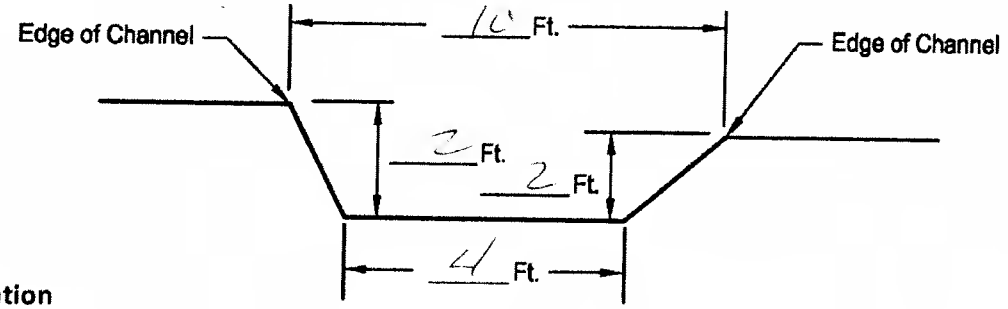
Data Point A. 0625-05A

Data Point B. 0625 05B



2. Channel Cross-section

Identify approximate dimensions (in feet) on the diagram below.



3. Photo Documentation

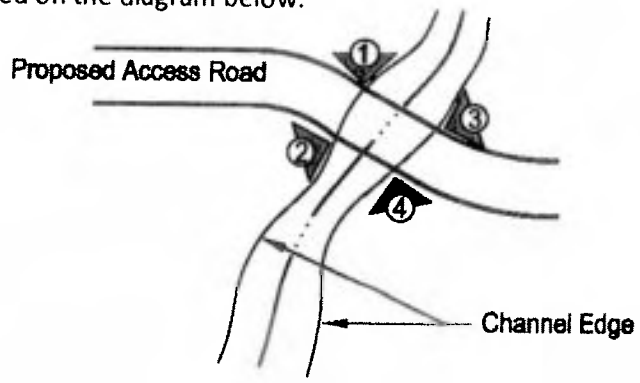
Provide four (4) photographs taken from locations and with orientations indicated below. Label each photo on the diagram below. Provide electronic copies (jpg or pdf) of photos to environmental consultant with labels matching those identified on the diagram below.

Photo 1. NE

Photo 2. SE

Photo 3. SW

Photo 4. NW



DRAFT

0626_05 NE

0626_05 NW

0626_05 SE

0626_05 SW

Crossing Name: 0627_04.pdf

Project
B2H TVEC
Channel Crossing Field Documentation Form

Date: 06-27-11 **Name of Recorder:** [illegible] **Crossing Location ID:** 0627-04A/B

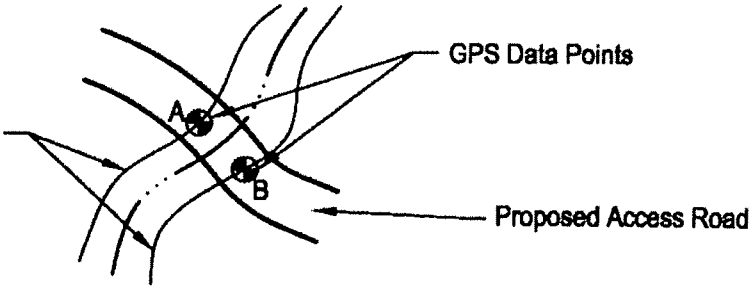
This form may be used to document stream and wash channel conditions at locations proposed for access road crossings. This form is not intended to replace requirements for jurisdictional determination and delineation of waters of the U.S., including wetlands that require a formal delineation procedure.

1. Channel Crossing Location

Identify location on a USGS quad map (or Google Earth topographic or aerial image with latitude and longitude clearly shown) and attach the map to this form. Provide the name of the stream if identified on the map. If a GPS unit is available, provide data points in UTM coordinates for the intersections of the access road centerline with the channel edges as shown in the diagram below (send GPS data points electronically to environmental consultant, labeled as shown below).

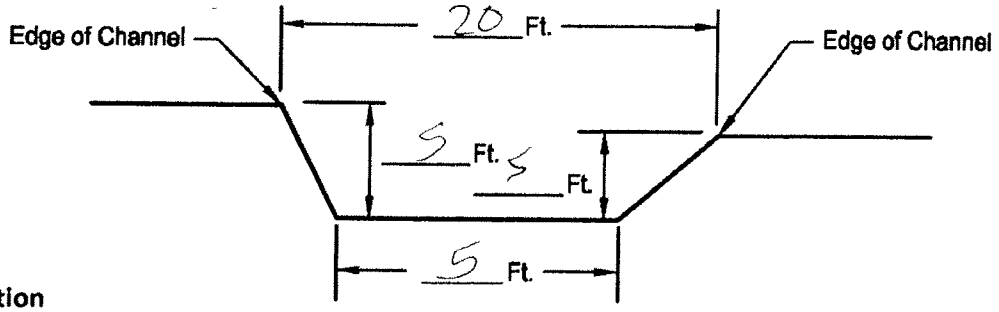
Data Point A. 0627-04A

Data Point B. 0627-04B



2. Channel Cross-section

Identify approximate dimensions (in feet) on the diagram below.



3. Photo Documentation

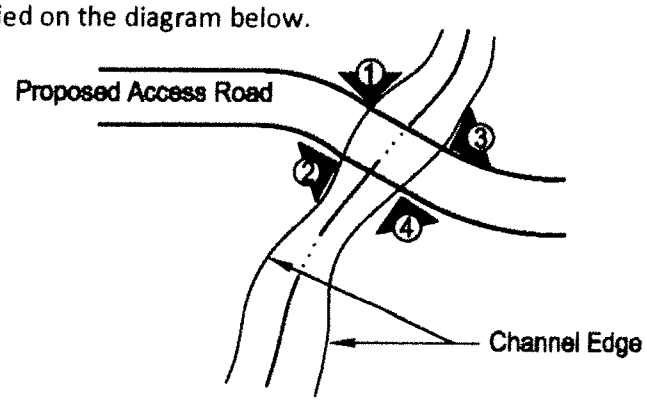
Provide four (4) photographs taken from locations and with orientations indicated below. Label each photo on the diagram below. Provide electronic copies (jpg or pdf) of photos to environmental consultant with labels matching those identified on the diagram below.

Photo 1. SW

Photo 2. SE

Photo 3. NE

Photo 4. NW



DRAFT

0627_04 NE_1

0627_04 NW_1

0627_04 SE_1

0627_04 SW_1

Crossing Name: 66-Crossing 1.pdf

Project
B2H TVEC
Channel Crossing Field Documentation Form

Date: 6-6-11 **Name of Recorder:** Thad Jones **Crossing Location ID:** 66 Crossing 1

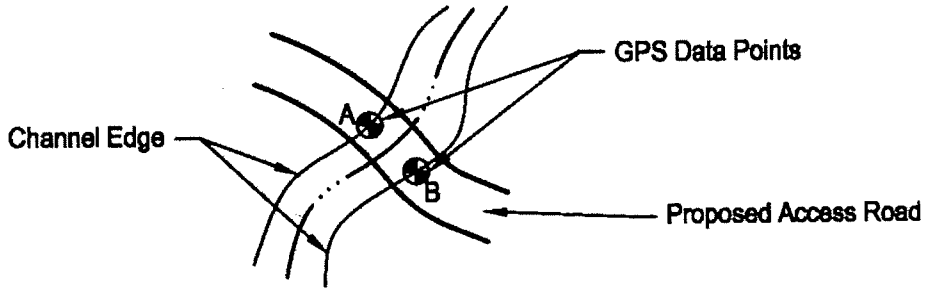
This form may be used to document stream and wash channel conditions at locations proposed for access road crossings. This form is not intended to replace requirements for jurisdictional determination and delineation of waters of the U.S., including wetlands that require a formal delineation procedure.

1. Channel Crossing Location

Identify location on a USGS quad map (or Google Earth topographic or aerial image with latitude and longitude clearly shown) and attach the map to this form. Provide the name of the stream if identified on the map. If a GPS unit is available, provide data points in UTM coordinates for the intersections of the access road centerline with the channel edges as shown in the diagram below (send GPS data points electronically to environmental consultant, labeled as shown below).

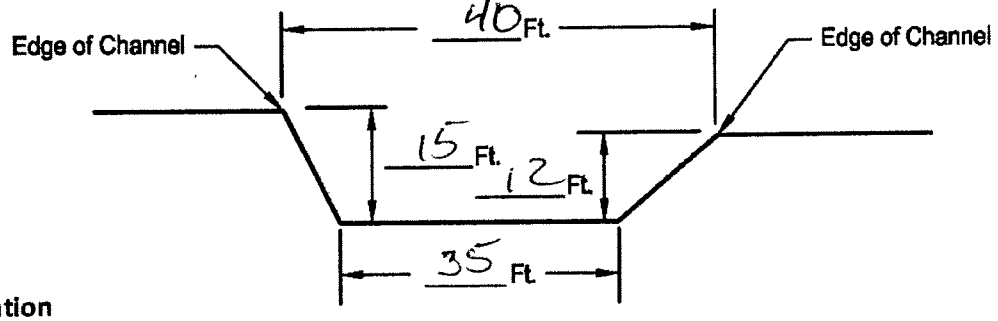
Data Point A. 1

Data Point B. 1A



2. Channel Cross-section

Identify approximate dimensions (in feet) on the diagram below.



3. Photo Documentation

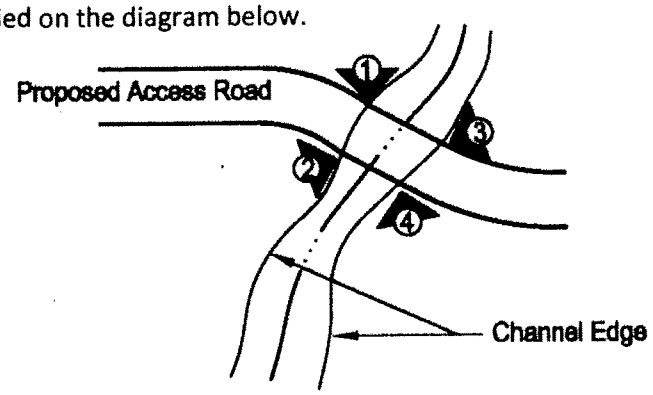
Provide four (4) photographs taken from locations and with orientations indicated below. Label each photo on the diagram below. Provide electronic copies (jpg or pdf) of photos to environmental consultant with labels matching those identified on the diagram below.

Photo 1. 0005

Photo 2. 0006

Photo 3. 0007

Photo 4. 0008



DRAFT

66-Crossing 1-0005

66-Crossing 1-0006

66-Crossing 1-0007

66-Crossing 1-0008

Crossing Name: 66-Crossing 2.pdf

Project
B2H TVEC
Channel Crossing Field Documentation Form

Date: 6-6-11 **Name of Recorder:** Thad Jones **Crossing Location ID:** 66 Crossing 2B

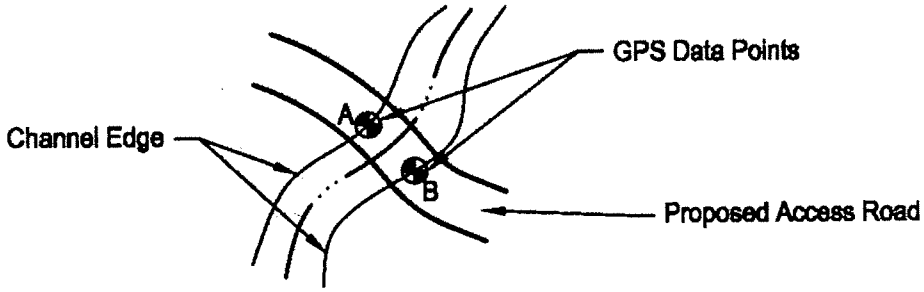
This form may be used to document stream and wash channel conditions at locations proposed for access road crossings. This form is not intended to replace requirements for jurisdictional determination and delineation of waters of the U.S., including wetlands that require a formal delineation procedure.

1. Channel Crossing Location

Identify location on a USGS quad map (or Google Earth topographic or aerial image with latitude and longitude clearly shown) and attach the map to this form. Provide the name of the stream if identified on the map. If a GPS unit is available, provide data points in UTM coordinates for the intersections of the access road centerline with the channel edges as shown in the diagram below (send GPS data points electronically to environmental consultant, labeled as shown below).

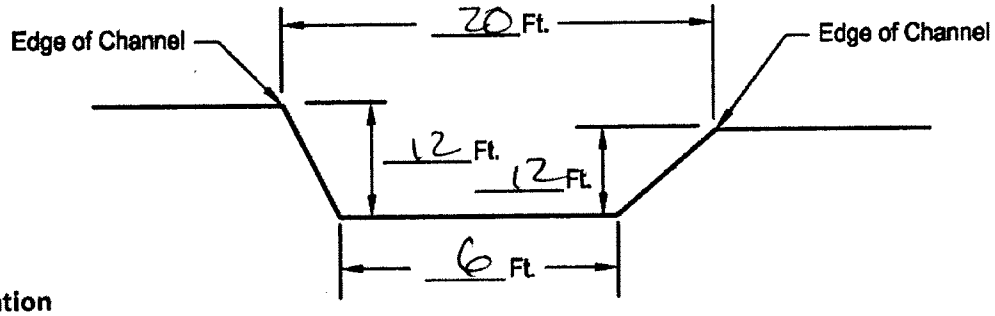
Data Point A. 2

Data Point B. 2A



2. Channel Cross-section

Identify approximate dimensions (in feet) on the diagram below.



3. Photo Documentation

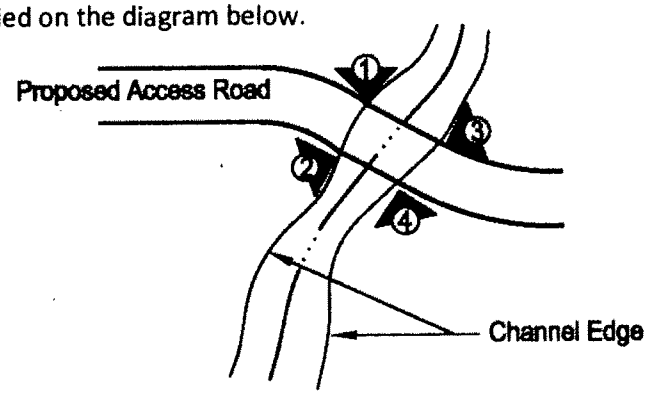
Provide four (4) photographs taken from locations and with orientations indicated below. Label each photo on the diagram below. Provide electronic copies (jpg or pdf) of photos to environmental consultant with labels matching those identified on the diagram below.

Photo 1. 0013

Photo 2. 0014

Photo 3. 0015

Photo 4. 0016

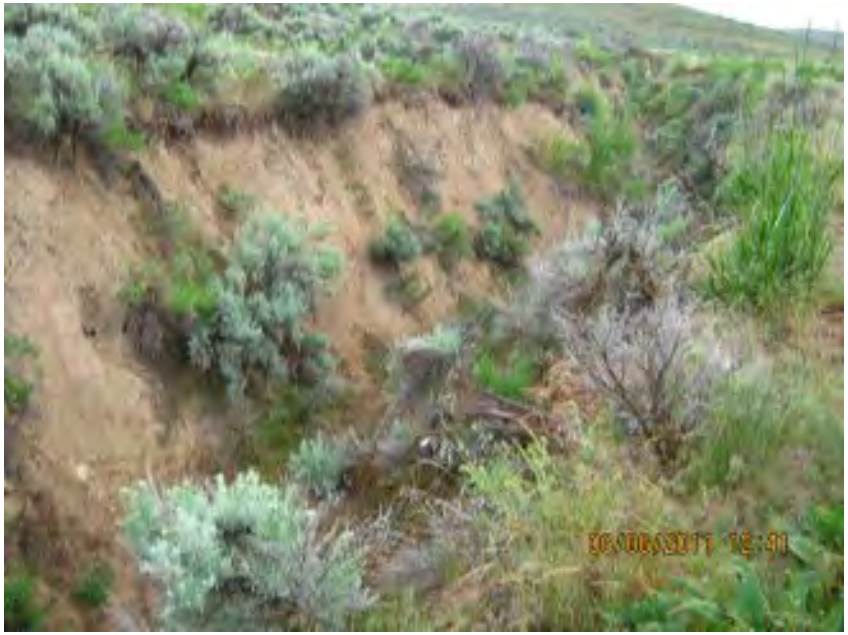


DRAFT

66-Crossing 2-0013

66-Crossing 2-0014

66-Crossing 2-0015



66-Crossing 2-0016

Crossing Name: 66-Crossing 3.pdf

Project
B2H TVEC
Channel Crossing Field Documentation Form

Date: 6-6-11 **Name of Recorder:** Thad Jones **Crossing Location ID:** 66 crossing 3

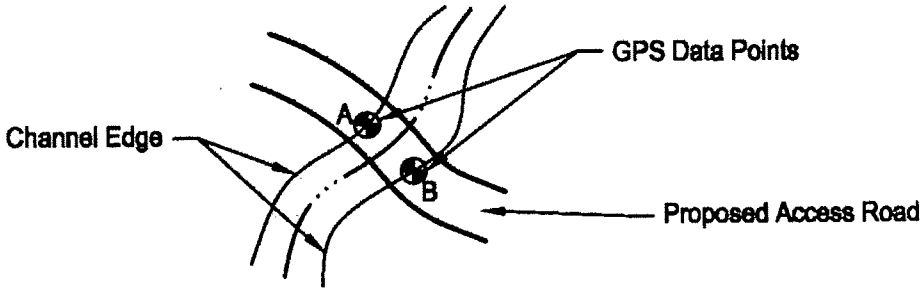
This form may be used to document stream and wash channel conditions at locations proposed for access road crossings. This form is not intended to replace requirements for jurisdictional determination and delineation of waters of the U.S., including wetlands that require a formal delineation procedure.

1. Channel Crossing Location

Identify location on a USGS quad map (or Google Earth topographic or aerial image with latitude and longitude clearly shown) and attach the map to this form. Provide the name of the stream if identified on the map. If a GPS unit is available, provide data points in UTM coordinates for the intersections of the access road centerline with the channel edges as shown in the diagram below (send GPS data points electronically to environmental consultant, labeled as shown below).

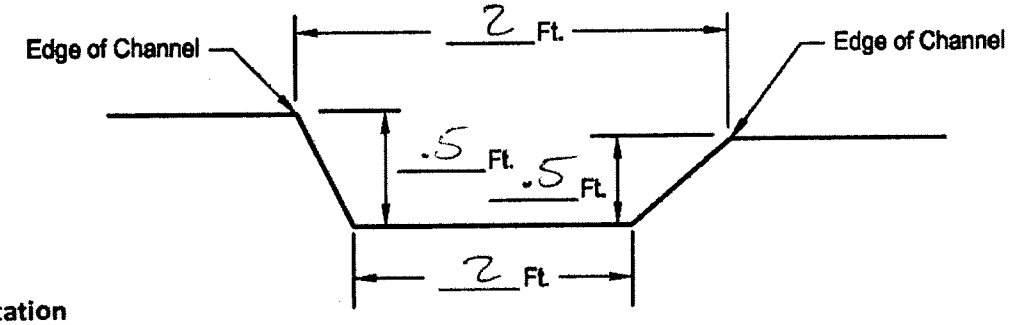
Data Point A. 3

Data Point B. 3A



2. Channel Cross-section

Identify approximate dimensions (in feet) on the diagram below.



3. Photo Documentation

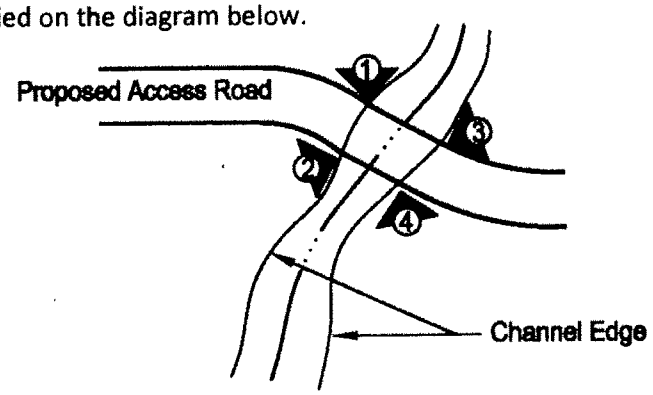
Provide four (4) photographs taken from locations and with orientations indicated below. Label each photo on the diagram below. Provide electronic copies (jpg or pdf) of photos to environmental consultant with labels matching those identified on the diagram below.

Photo 1. 0030

Photo 2. 0031

Photo 3. 0032

Photo 4. 0033



DRAFT

66-Crossing 3-0030

66-Crossing 3-0031

66-Crossing 3-0032

66-Crossing 3-0033

Crossing Name: 66-Crossing 4.pdf

Project
B2H TVEC
Channel Crossing Field Documentation Form

Date: 6-6-11 **Name of Recorder:** Thad Jones **Crossing Location ID:** 66 Crossing #4

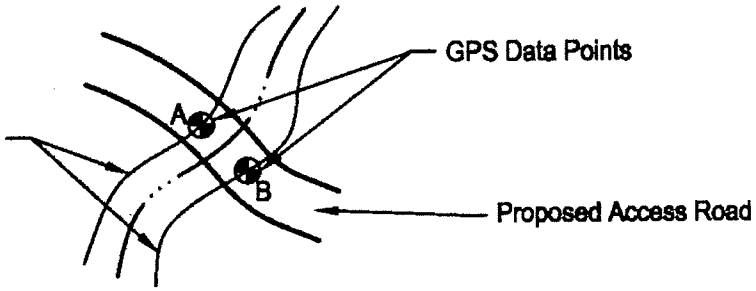
This form may be used to document stream and wash channel conditions at locations proposed for access road crossings. This form is not intended to replace requirements for jurisdictional determination and delineation of waters of the U.S., including wetlands that require a formal delineation procedure.

1. Channel Crossing Location

Identify location on a USGS quad map (or Google Earth topographic or aerial image with latitude and longitude clearly shown) and attach the map to this form. Provide the name of the stream if identified on the map. If a GPS unit is available, provide data points in UTM coordinates for the intersections of the access road centerline with the channel edges as shown in the diagram below (send GPS data points electronically to environmental consultant, labeled as shown below).

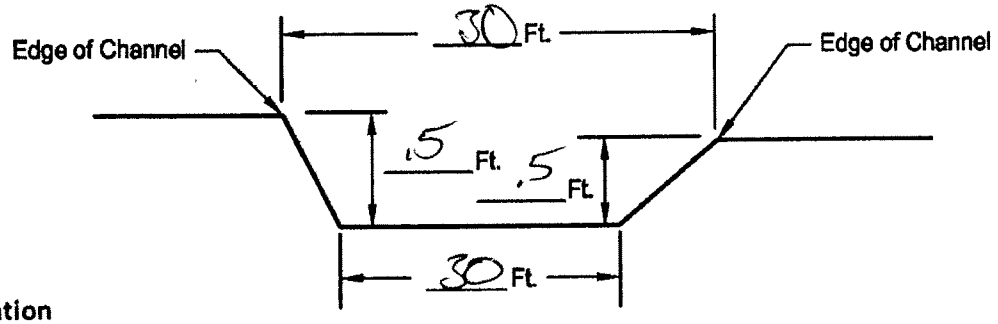
Data Point A. #4

Data Point B. ~~#4~~ 4a



2. Channel Cross-section

Identify approximate dimensions (in feet) on the diagram below.



3. Photo Documentation

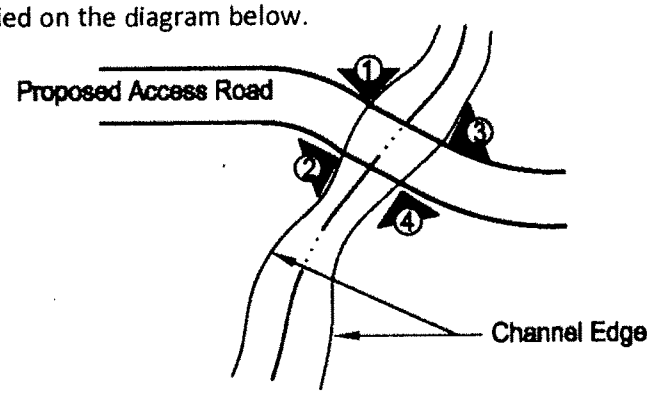
Provide four (4) photographs taken from locations and with orientations indicated below. Label each photo on the diagram below. Provide electronic copies (jpg or pdf) of photos to environmental consultant with labels matching those identified on the diagram below.

Photo 1. 0036

Photo 2. 0037

Photo 3. 0038

Photo 4. 0039



DRAFT

66-Crossing 4-0036

66-Crossing 4-0037

66-Crossing 4-0038

66-Crossing 4-0039

Crossing Name: 66-Crossing 5.pdf

Project
B2H TVEC
Channel Crossing Field Documentation Form

Date: 6-6-11 **Name of Recorder:** T Jones **Crossing Location ID:** 66crossing5

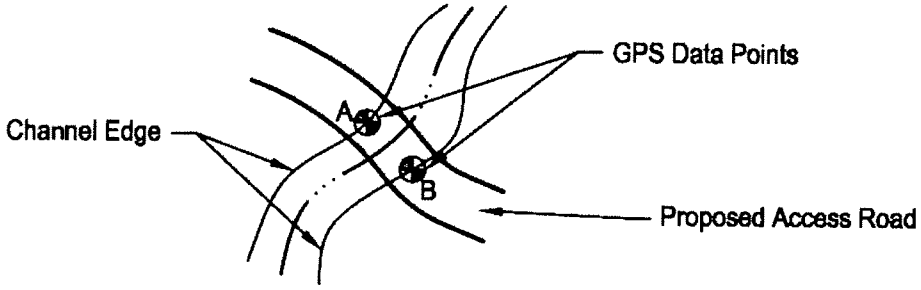
This form may be used to document stream and wash channel conditions at locations proposed for access road crossings. This form is not intended to replace requirements for jurisdictional determination and delineation of waters of the U.S., including wetlands that require a formal delineation procedure.

1. Channel Crossing Location

Identify location on a USGS quad map (or Google Earth topographic or aerial image with latitude and longitude clearly shown) and attach the map to this form. Provide the name of the stream if identified on the map. If a GPS unit is available, provide data points in UTM coordinates for the intersections of the access road centerline with the channel edges as shown in the diagram below (send GPS data points electronically to environmental consultant, labeled as shown below).

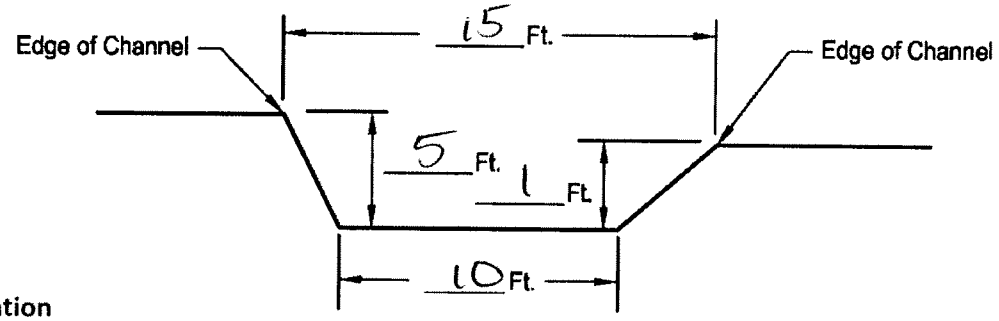
Data Point A. 5

Data Point B. 5A



2. Channel Cross-section

Identify approximate dimensions (in feet) on the diagram below.



3. Photo Documentation

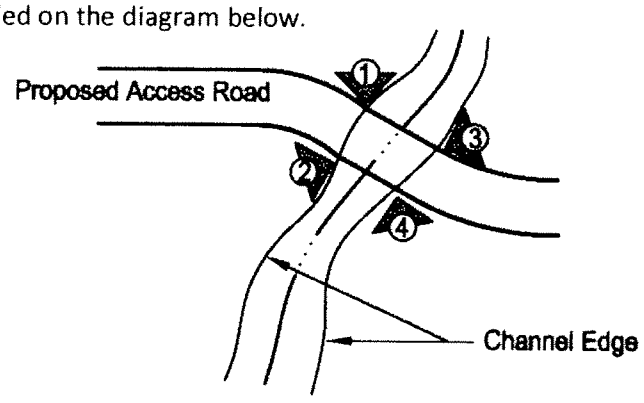
Provide four (4) photographs taken from locations and with orientations indicated below. Label each photo on the diagram below. Provide electronic copies (jpg or pdf) of photos to environmental consultant with labels matching those identified on the diagram below.

Photo 1. 0040

Photo 2. 0041

Photo 3. 0042

Photo 4. 0043



66-Crossing 5-0040

66-Crossing 5-0041

66-Crossing 5-0042

66-Crossing 5-0043

Crossing Name: 66-Crossing 6.pdf

Project
B2H TVEC
Channel Crossing Field Documentation Form

Date: 6-6-11 **Name of Recorder:** T Jones **Crossing Location ID:** 66 crossing 6

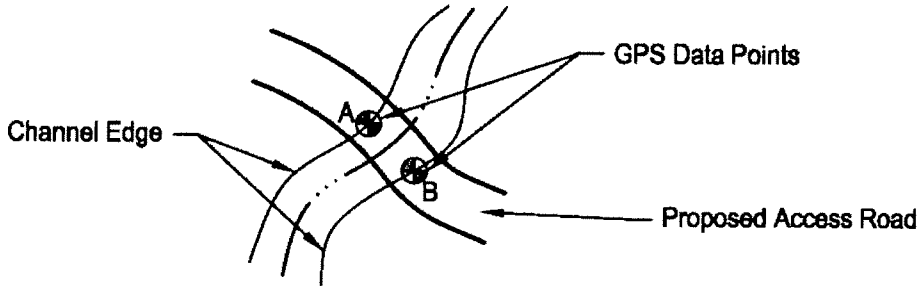
This form may be used to document stream and wash channel conditions at locations proposed for access road crossings. This form is not intended to replace requirements for jurisdictional determination and delineation of waters of the U.S., including wetlands that require a formal delineation procedure.

1. Channel Crossing Location

Identify location on a USGS quad map (or Google Earth topographic or aerial image with latitude and longitude clearly shown) and attach the map to this form. Provide the name of the stream if identified on the map. If a GPS unit is available, provide data points in UTM coordinates for the intersections of the access road centerline with the channel edges as shown in the diagram below (send GPS data points electronically to environmental consultant, labeled as shown below).

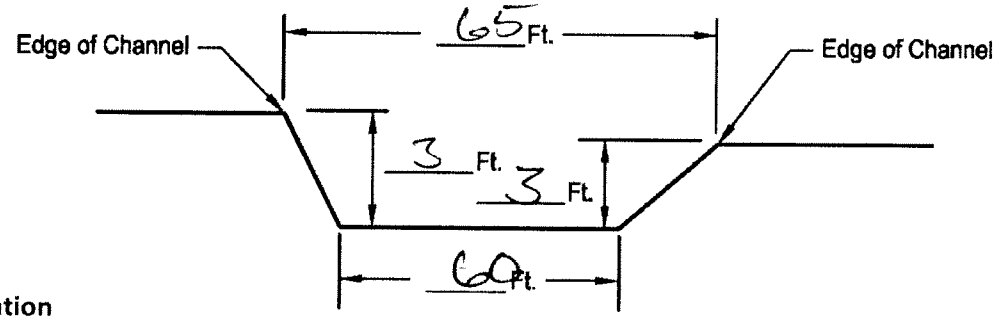
Data Point A. 6

Data Point B. 6A



2. Channel Cross-section

Identify approximate dimensions (in feet) on the diagram below.



3. Photo Documentation

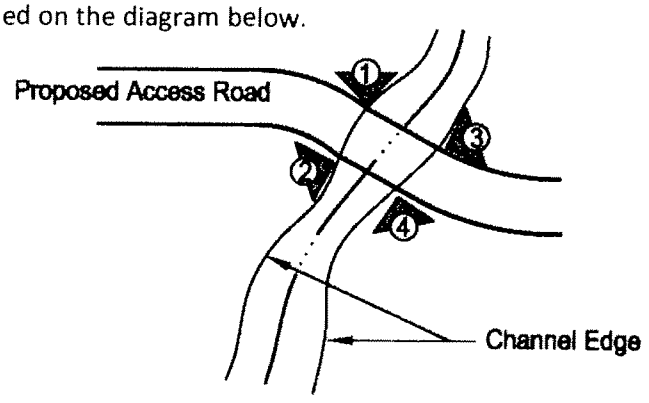
Provide four (4) photographs taken from locations and with orientations indicated below. Label each photo on the diagram below. Provide electronic copies (jpg or pdf) of photos to environmental consultant with labels matching those identified on the diagram below.

Photo 1. 0046

Photo 2. 0047

Photo 3. 0048

Photo 4. 0049



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66-Crossing 6-0046

66-Crossing 6-0047

66-Crossing 6-0048

66-Crossing 6-0049

Crossing Name: 67-Crossing 1.pdf

Project
B2H TVEC
Channel Crossing Field Documentation Form

Date: 6-7- **Name of Recorder:** Thad Jones **Crossing Location ID:** 67 crossing 1

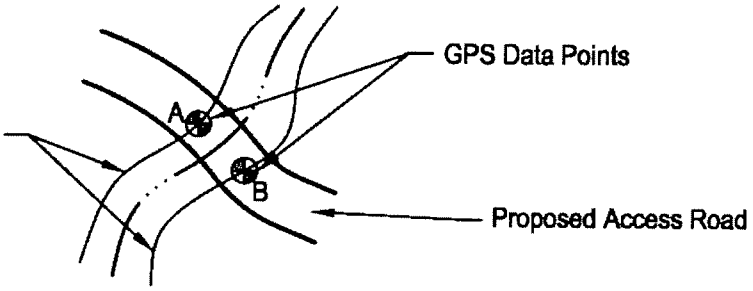
This form may be used to document stream and wash channel conditions at locations proposed for access road crossings. This form is not intended to replace requirements for jurisdictional determination and delineation of waters of the U.S., including wetlands that require a formal delineation procedure.

1. Channel Crossing Location

Identify location on a USGS quad map (or Google Earth topographic or aerial image with latitude and longitude clearly shown) and attach the map to this form. Provide the name of the stream if identified on the map. If a GPS unit is available, provide data points in UTM coordinates for the intersections of the access road centerline with the channel edges as shown in the diagram below (send GPS data points electronically to environmental consultant, labeled as shown below).

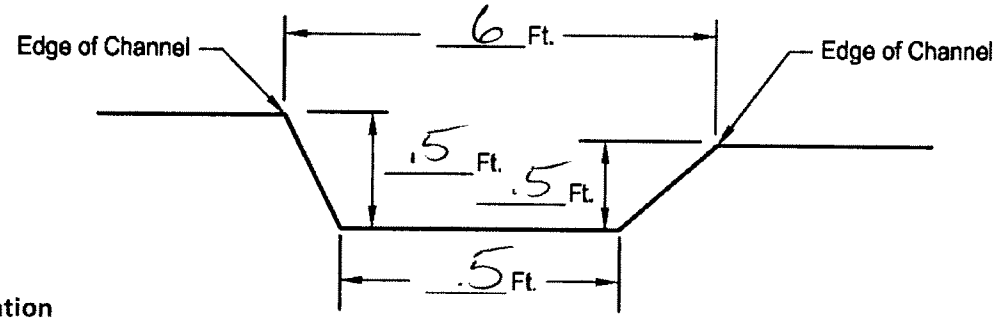
Data Point A. 67 crossing 1

Data Point B. 67 crossing 1A



2. Channel Cross-section

Identify approximate dimensions (in feet) on the diagram below.



3. Photo Documentation

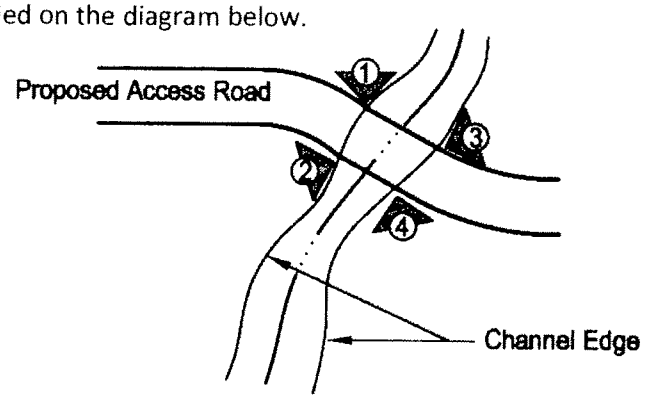
Provide four (4) photographs taken from locations and with orientations indicated below. Label each photo on the diagram below. Provide electronic copies (jpg or pdf) of photos to environmental consultant with labels matching those identified on the diagram below.

Photo 1. ~~36~~ 89

Photo 2. ~~37~~ 90

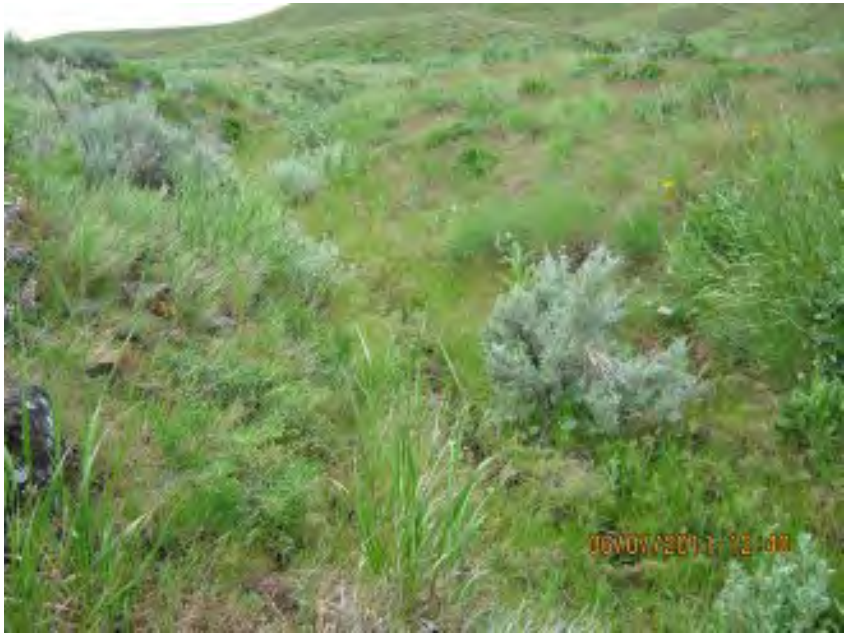
Photo 3. ~~38~~ 91

Photo 4. ~~39~~ 92



DRAFT

67-Crossing 1-0089



67-Crossing 1-0090

67-Crossing 1-0091

67-Crossing 1-0092

Crossing Name: Channel Crossing 0602_02.pdf

Project
B2H TVEC
Channel Crossing Field Documentation Form

Date: 06 02 11 **Name of Recorder:** R **Crossing Location ID:** Channel Crossing 0602_02

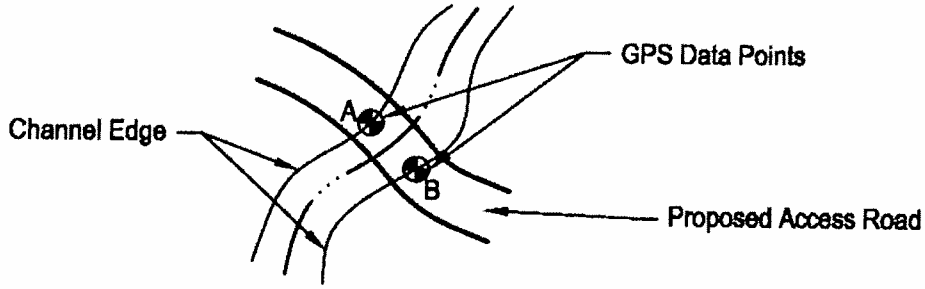
This form may be used to document stream and wash channel conditions at locations proposed for access road crossings. This form is not intended to replace requirements for jurisdictional determination and delineation of waters of the U.S., including wetlands that require a formal delineation procedure.

1. Channel Crossing Location

Identify location on a USGS quad map (or Google Earth topographic or aerial image with latitude and longitude clearly shown) and attach the map to this form. Provide the name of the stream if identified on the map. If a GPS unit is available, provide data points in UTM coordinates for the intersections of the access road centerline with the channel edges as shown in the diagram below (send GPS data points electronically to environmental consultant, labeled as shown below).

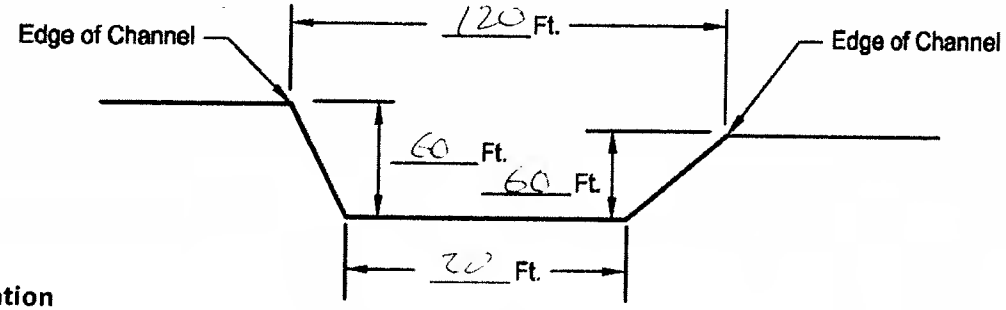
Data Point A. _____

Data Point B. _____



2. Channel Cross-section

Identify approximate dimensions (in feet) on the diagram below.



3. Photo Documentation

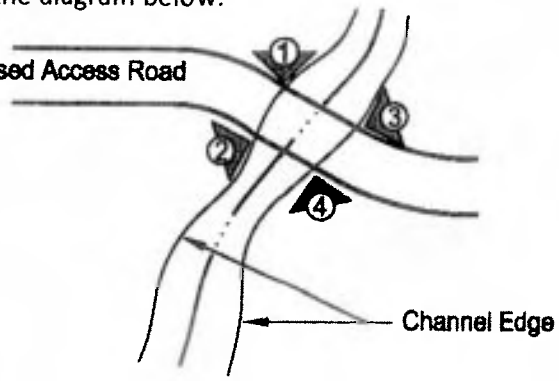
Provide four (4) photographs taken from locations and with orientations indicated below. Label each photo on the diagram below. Provide electronic copies (jpg or pdf) of photos to environmental consultant with labels matching those identified on the diagram below.

Photo 1. Channel Crossing 0602-02

Photo 2. _____

Photo 3. _____

Photo 4. _____



DRAFT

Channel crossing 0602_02

Crossing Name: Channel Crossing 0602_1A_1B.pdf

Project
B2H TVEC
Channel Crossing Field Documentation Form

Date: 6-2-11 **Name of Recorder:** RS **Crossing Location ID:** Channel 0602 C Crossing 1A, 1B

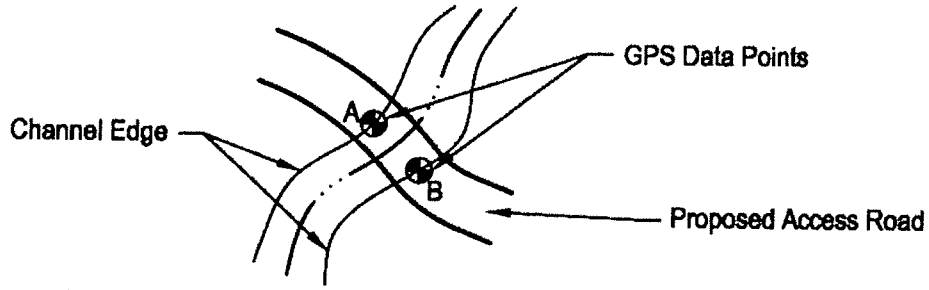
This form may be used to document stream and wash channel conditions at locations proposed for access road crossings. This form is not intended to replace requirements for jurisdictional determination and delineation of waters of the U.S., including wetlands that require a formal delineation procedure.

1. Channel Crossing Location

Identify location on a USGS quad map (or Google Earth topographic or aerial image with latitude and longitude clearly shown) and attach the map to this form. Provide the name of the stream if identified on the map. If a GPS unit is available, provide data points in UTM coordinates for the intersections of the access road centerline with the channel edges as shown in the diagram below (send GPS data points electronically to environmental consultant, labeled as shown below).

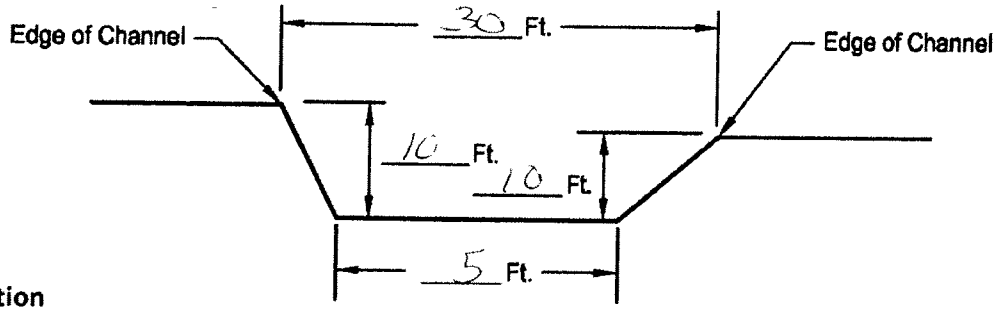
Data Point A. 1A

Data Point B. 1B



2. Channel Cross-section

Identify approximate dimensions (in feet) on the diagram below.



3. Photo Documentation

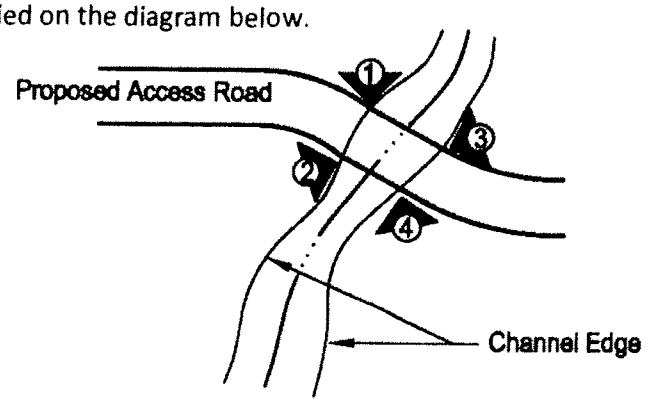
Provide four (4) photographs taken from locations and with orientations indicated below. Label each photo on the diagram below. Provide electronic copies (jpg or pdf) of photos to environmental consultant with labels matching those identified on the diagram below.

Photo 1. NE

Photo 2. NW

Photo 3. SW

Photo 4. SE



DRAFT

Channel crossing 0602_01 NE

Channel crossing 0602_01 NW

Channel crossing 0602_01 SE

Channel crossing 0602_01 SW

Crossing Name: Channel Crossing 0603_01.pdf

Project
B2H TVEC
Channel Crossing Field Documentation Form

Date: 6-03-2011 **Name of Recorder:** RS **Crossing Location ID:** Channel Crossing 1A 1B 0603_0

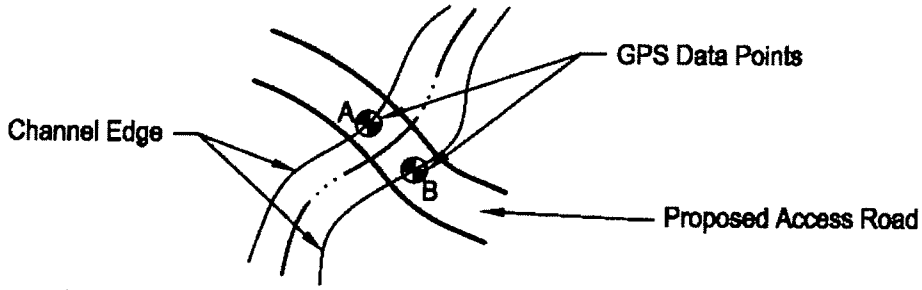
This form may be used to document stream and wash channel conditions at locations proposed for access road crossings. This form is not intended to replace requirements for jurisdictional determination and delineation of waters of the U.S., including wetlands that require a formal delineation procedure.

1. Channel Crossing Location

Identify location on a USGS quad map (or Google Earth topographic or aerial image with latitude and longitude clearly shown) and attach the map to this form. Provide the name of the stream if identified on the map. If a GPS unit is available, provide data points in UTM coordinates for the intersections of the access road centerline with the channel edges as shown in the diagram below (send GPS data points electronically to environmental consultant, labeled as shown below).

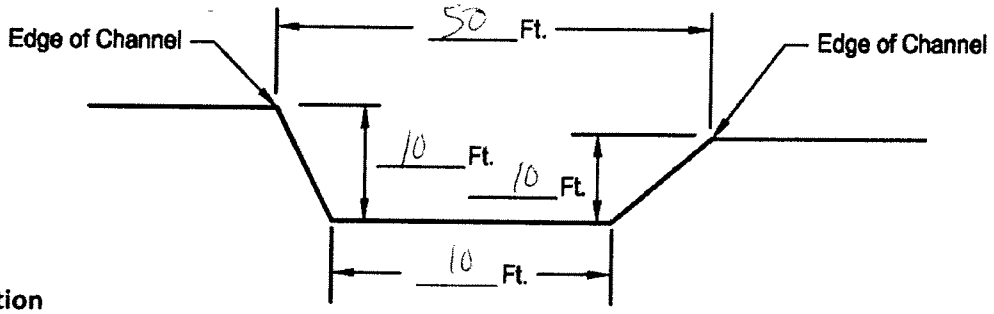
Data Point A. 1A

Data Point B. 1B



2. Channel Cross-section

Identify approximate dimensions (in feet) on the diagram below.



3. Photo Documentation

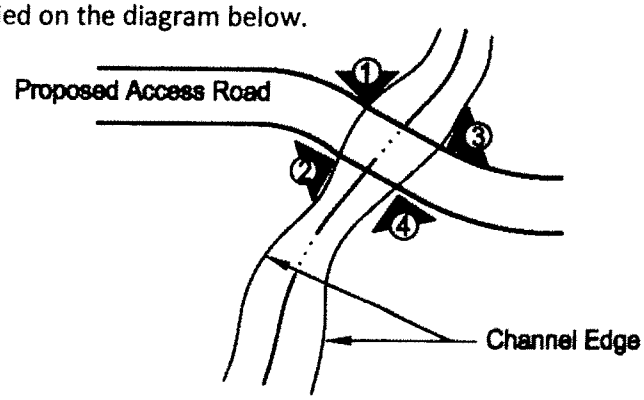
Provide four (4) photographs taken from locations and with orientations indicated below. Label each photo on the diagram below. Provide electronic copies (jpg or pdf) of photos to environmental consultant with labels matching those identified on the diagram below.

Photo 1. NW

Photo 2. SW

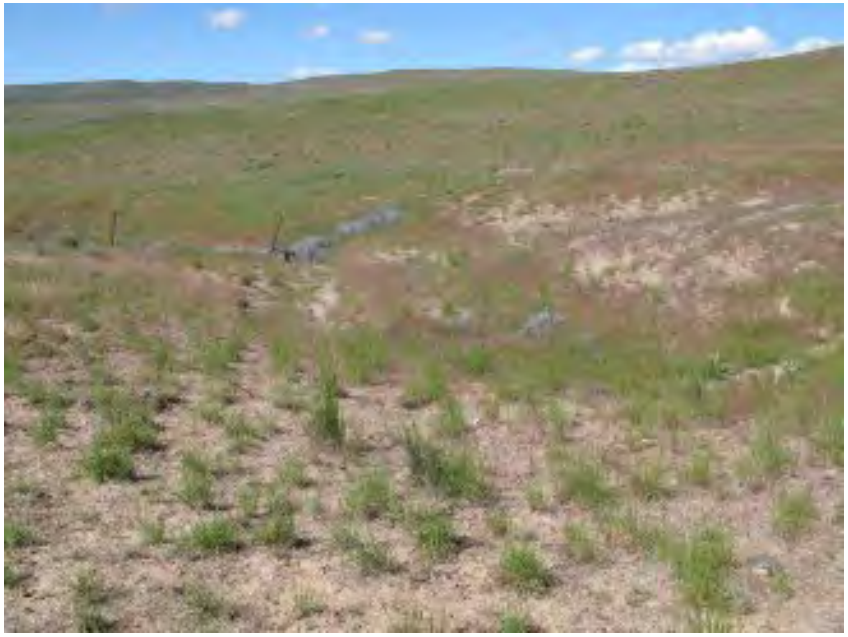
Photo 3. SE

Photo 4. NE

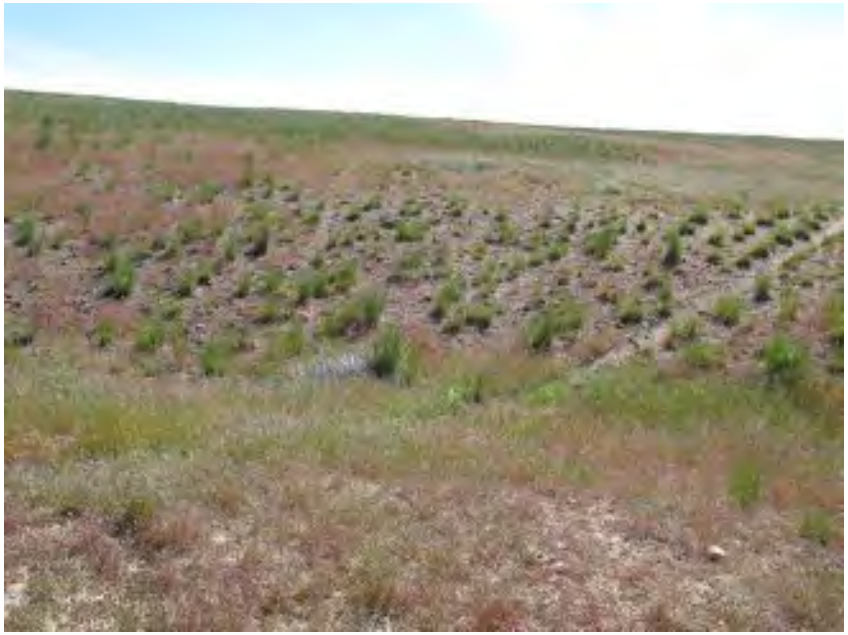


DRAFT

Channel crossing 0603_01 NE



Channel crossing 0603_01 NW



Channel crossing 0603_01 SE

Channel crossing 0603_01 SW

Crossing Name: Channel Crossing 0603_02.pdf

Project
B2H TVEC
Channel Crossing Field Documentation Form

Date: 06/03/2011 **Name of Recorder:** RS **Crossing Location ID:** Channel Crossing 24, 0603-02

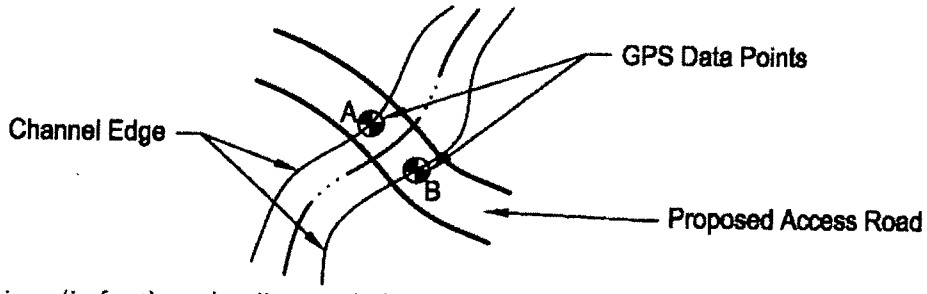
This form may be used to document stream and wash channel conditions at locations proposed for access road crossings. This form is not intended to replace requirements for jurisdictional determination and delineation of waters of the U.S., including wetlands that require a formal delineation procedure.

1. Channel Crossing Location

Identify location on a USGS quad map (or Google Earth topographic or aerial image with latitude and longitude clearly shown) and attach the map to this form. Provide the name of the stream if identified on the map. If a GPS unit is available, provide data points in UTM coordinates for the intersections of the access road centerline with the channel edges as shown in the diagram below (send GPS data points electronically to environmental consultant, labeled as shown below).

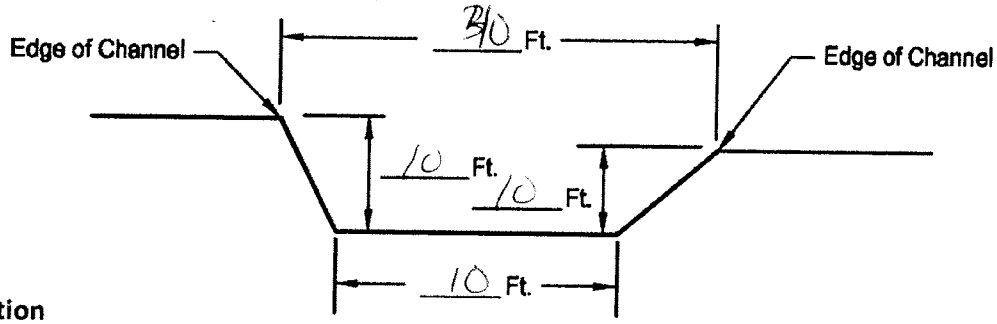
Data Point A. 2A

Data Point B. 2B



2. Channel Cross-section

Identify approximate dimensions (in feet) on the diagram below.



3. Photo Documentation

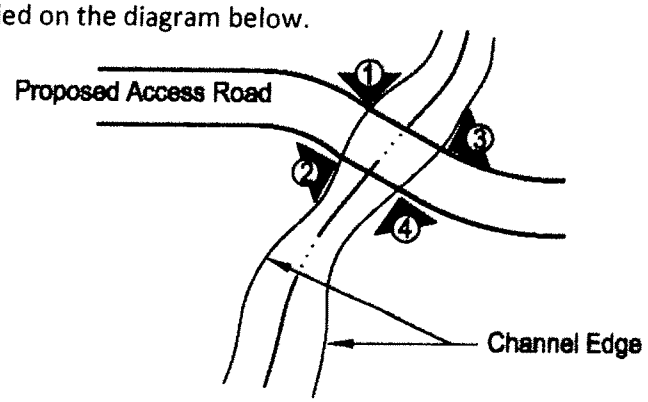
Provide four (4) photographs taken from locations and with orientations indicated below. Label each photo on the diagram below. Provide electronic copies (jpg or pdf) of photos to environmental consultant with labels matching those identified on the diagram below.

Photo 1. NE

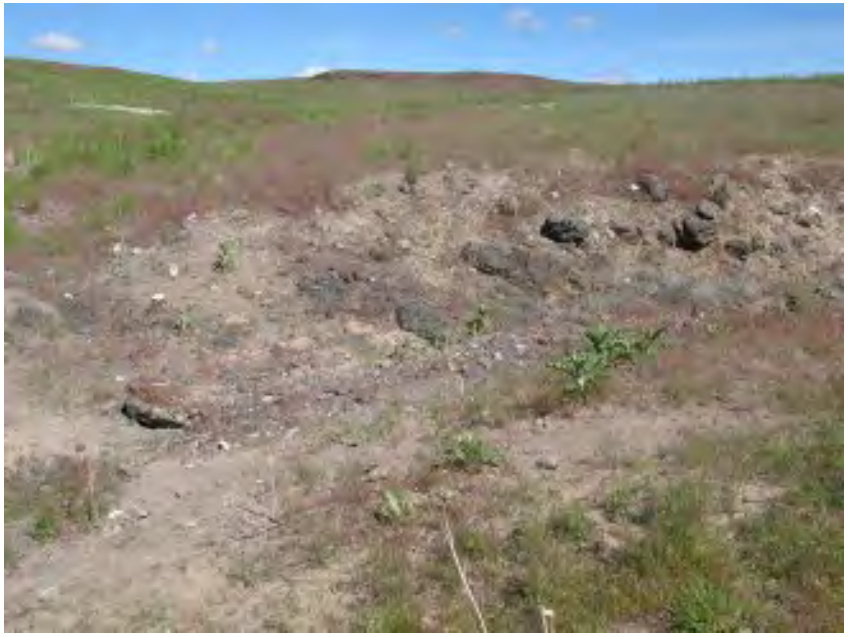
Photo 2. SE

Photo 3. SW

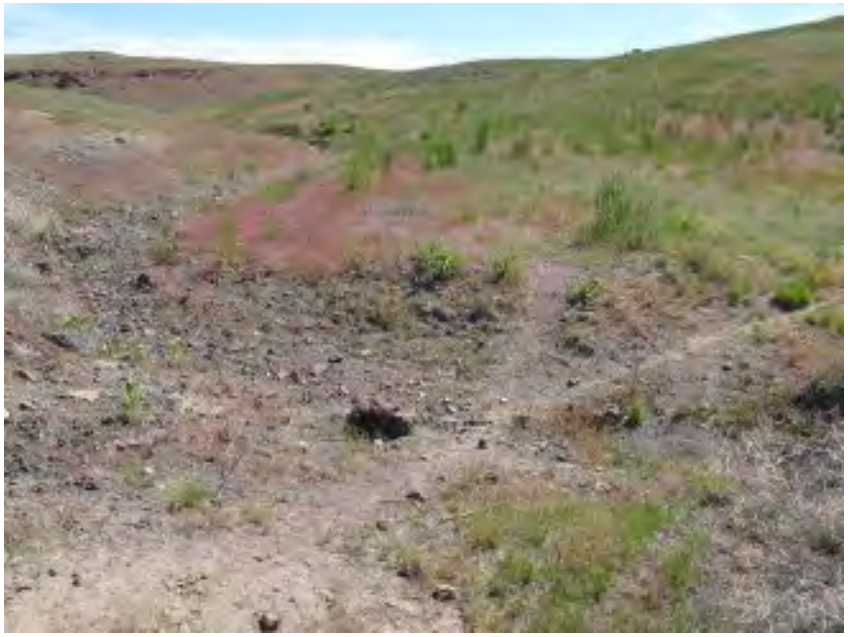
Photo 4. NW



DRAFT



Channel crossing 0603_02 NE



Channel crossing 0603_02 NW

Channel crossing 0603_02 SE

Channel crossing 0603_02 SW

Crossing Name: Channel Crossing 0608_01.pdf

Project
B2H TVEC
Channel Crossing Field Documentation Form

Date: 0608-11 **Name of Recorder:** RJ **Crossing Location ID:** 0608-01

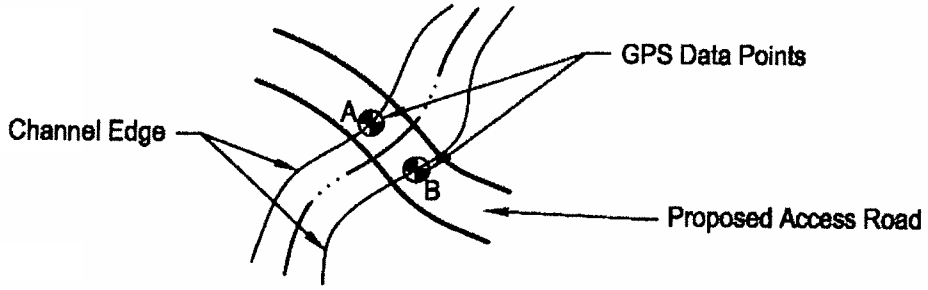
This form may be used to document stream and wash channel conditions at locations proposed for access road crossings. This form is not intended to replace requirements for jurisdictional determination and delineation of waters of the U.S., including wetlands that require a formal delineation procedure.

1. Channel Crossing Location

Identify location on a USGS quad map (or Google Earth topographic or aerial image with latitude and longitude clearly shown) and attach the map to this form. Provide the name of the stream if identified on the map. If a GPS unit is available, provide data points in UTM coordinates for the intersections of the access road centerline with the channel edges as shown in the diagram below (send GPS data points electronically to environmental consultant, labeled as shown below).

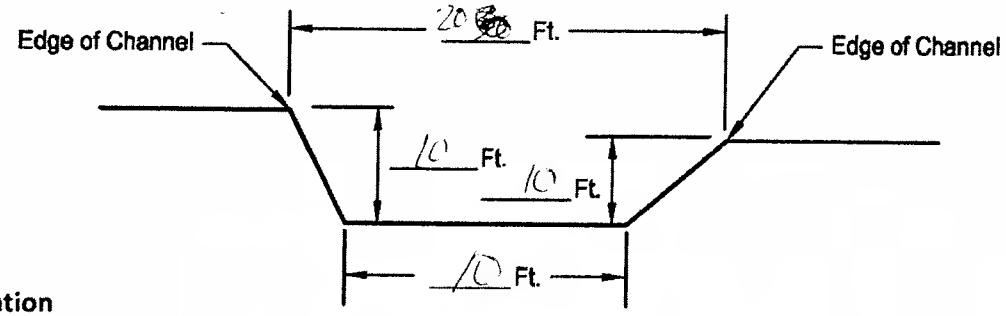
Data Point A. 0608-1A

Data Point B. 0608-1B



2. Channel Cross-section

Identify approximate dimensions (in feet) on the diagram below.



3. Photo Documentation

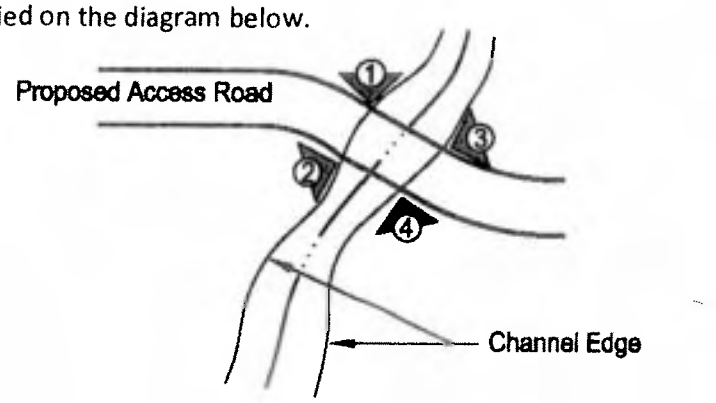
Provide four (4) photographs taken from locations and with orientations indicated below. Label each photo on the diagram below. Provide electronic copies (jpg or pdf) of photos to environmental consultant with labels matching those identified on the diagram below.

Photo 1. NE

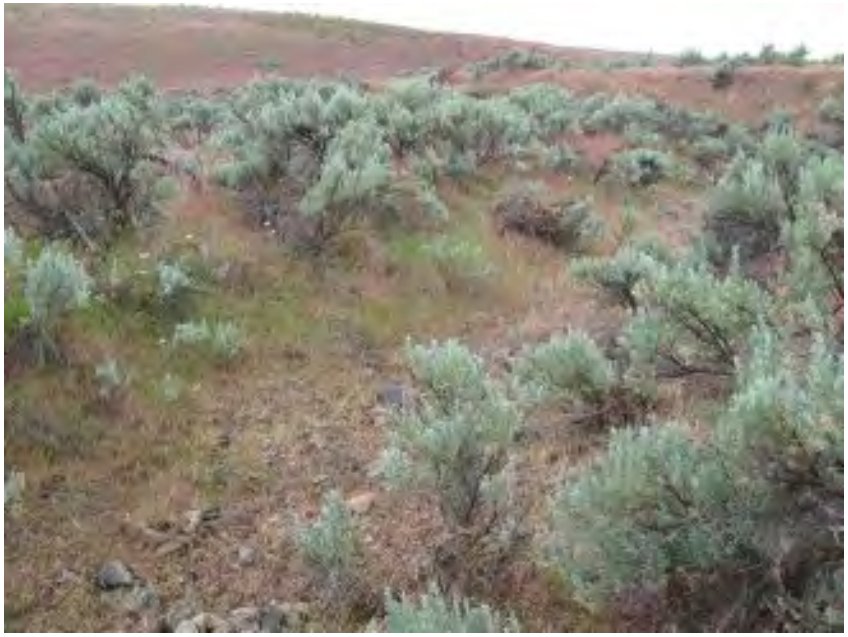
Photo 2. SE

Photo 3. SW

Photo 4. NW



DRAFT



Channel Crossing 0608_01 NE

Channel Crossing 0608_01 NW

Channel Crossing 0608_01 SE

Channel Crossing 0608_01 SW

Crossing Name: Channel Crossing 1A_1B.pdf

Project
B2H TVEC
Channel Crossing Field Documentation Form

Date: 5-12-11 **Name of Recorder:** Thad Jones **Crossing Location ID:** 01

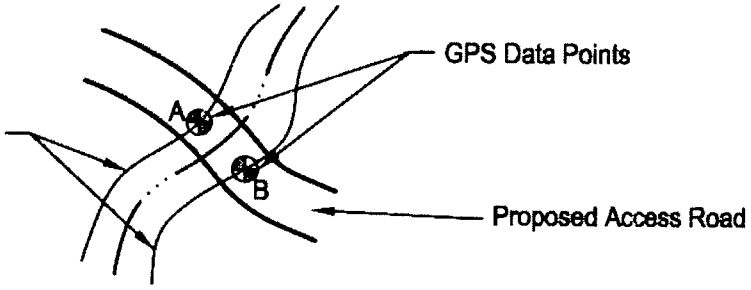
This form may be used to document stream and wash channel conditions at locations proposed for access road crossings. This form is not intended to replace requirements for jurisdictional determination and delineation of waters of the U.S., including wetlands that require a formal delineation procedure.

1. Channel Crossing Location

Identify location on a USGS quad map (or Google Earth topographic or aerial image with latitude and longitude clearly shown) and attach the map to this form. Provide the name of the stream if identified on the map. If a GPS unit is available, provide data points in UTM coordinates for the intersections of the access road centerline with the channel edges as shown in the diagram below (send GPS data points electronically to environmental consultant, labeled as shown below).

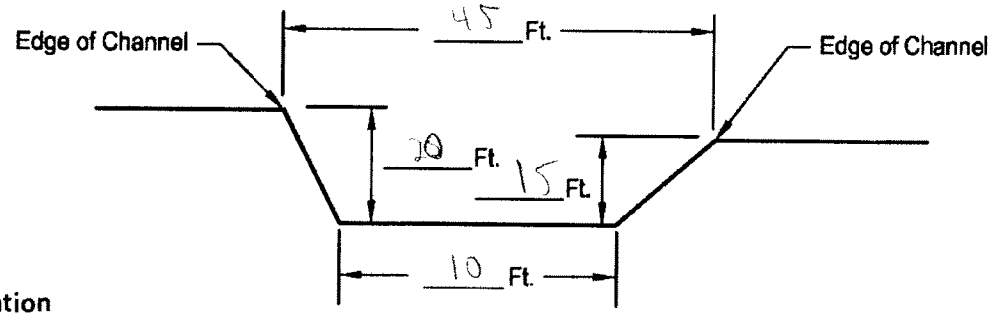
Data Point A. Crossing 1A

Data Point B. Crossing 1B



2. Channel Cross-section

Identify approximate dimensions (in feet) on the diagram below.



3. Photo Documentation

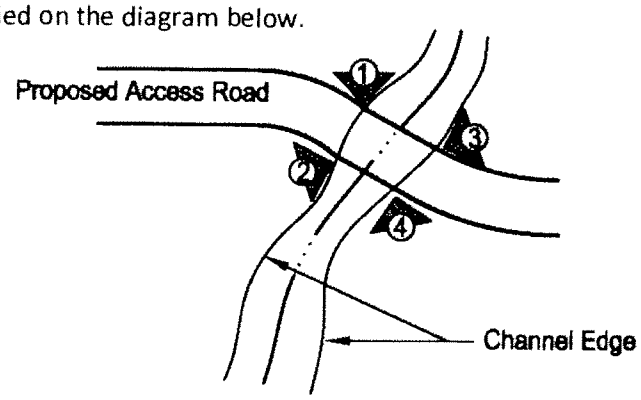
Provide four (4) photographs taken from locations and with orientations indicated below. Label each photo on the diagram below. Provide electronic copies (jpg or pdf) of photos to environmental consultant with labels matching those identified on the diagram below.

Photo 1. SW

Photo 2. SE

Photo 3. NW

Photo 4. NE



DRAFT

channel crossing 1a1b NE

channel crossing 1a1b NW

channel crossing 1a1b SE

channel crossing 1a1b SW

Crossing Name: Channel Crossing 2A_2B.pdf

Project
B2H TVEC
Channel Crossing Field Documentation Form

Date: 5-14-11 **Name of Recorder:** RS **Crossing Location ID:** Channel Crossing 2A

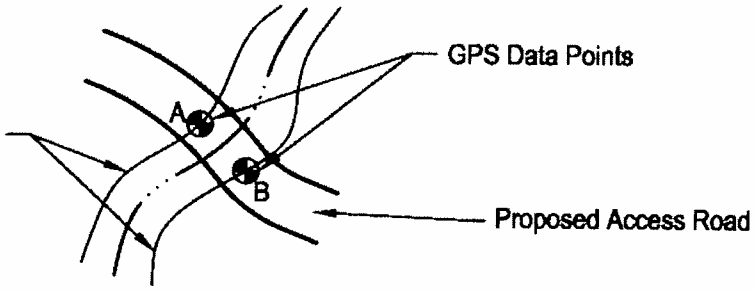
This form may be used to document stream and wash channel conditions at locations proposed for access road crossings. This form is not intended to replace requirements for jurisdictional determination and delineation of waters of the U.S., including wetlands that require a formal delineation procedure.

1. Channel Crossing Location

Identify location on a USGS quad map (or Google Earth topographic or aerial image with latitude and longitude clearly shown) and attach the map to this form. Provide the name of the stream if identified on the map. If a GPS unit is available, provide data points in UTM coordinates for the intersections of the access road centerline with the channel edges as shown in the diagram below (send GPS data points electronically to environmental consultant, labeled as shown below).

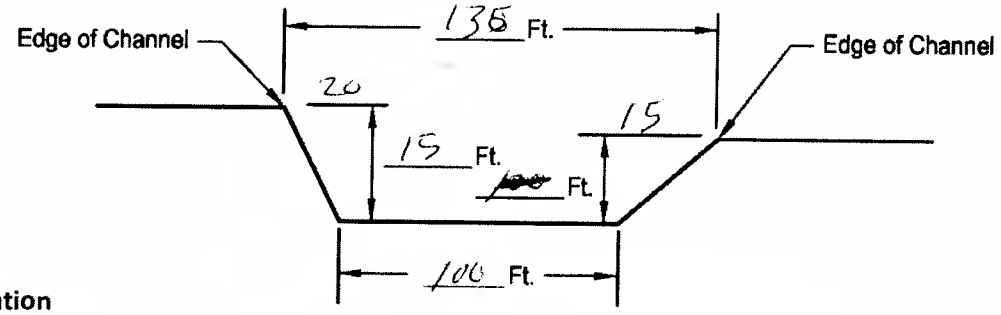
Data Point A. Channel crossing 2A

Data Point B. Channel crossing 2B



2. Channel Cross-section

Identify approximate dimensions (in feet) on the diagram below.



3. Photo Documentation

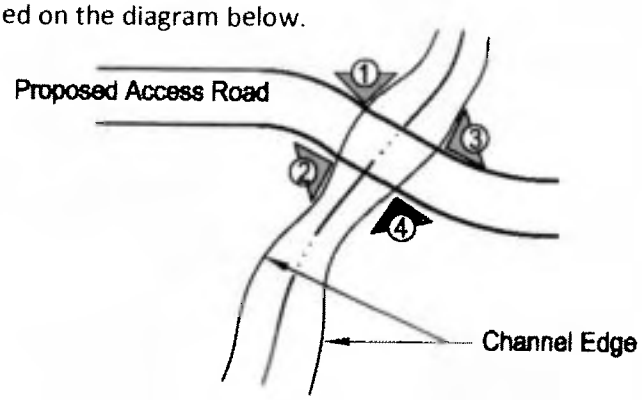
Provide four (4) photographs taken from locations and with orientations indicated below. Label each photo on the diagram below. Provide electronic copies (jpg or pdf) of photos to environmental consultant with labels matching those identified on the diagram below.

Photo 1. SE

Photo 2. SW

Photo 3. NE

Photo 4. NW



DRAFT

channel crossing 2a2b NE

channel crossing 2a2b NW

channel crossing 2a2b SE

channel crossing 2a2b SW

Crossing Name: Channel Crossing 3A_3B.pdf

Project
B2H TVEC
Channel Crossing Field Documentation Form

Date: 5/11/11 **Name of Recorder:** BS **Crossing Location ID:** Channel crossing 3A

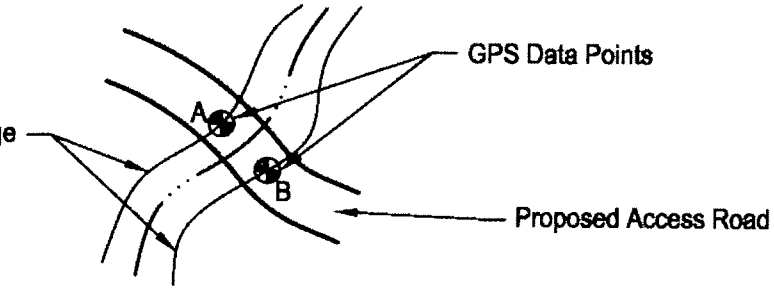
This form may be used to document stream and wash channel conditions at locations proposed for access road crossings. This form is not intended to replace requirements for jurisdictional determination and delineation of waters of the U.S., including wetlands that require a formal delineation procedure.

1. Channel Crossing Location

Identify location on a USGS quad map (or Google Earth topographic or aerial image with latitude and longitude clearly shown) and attach the map to this form. Provide the name of the stream if identified on the map. If a GPS unit is available, provide data points in UTM coordinates for the intersections of the access road centerline with the channel edges as shown in the diagram below (send GPS data points electronically to environmental consultant, labeled as shown below).

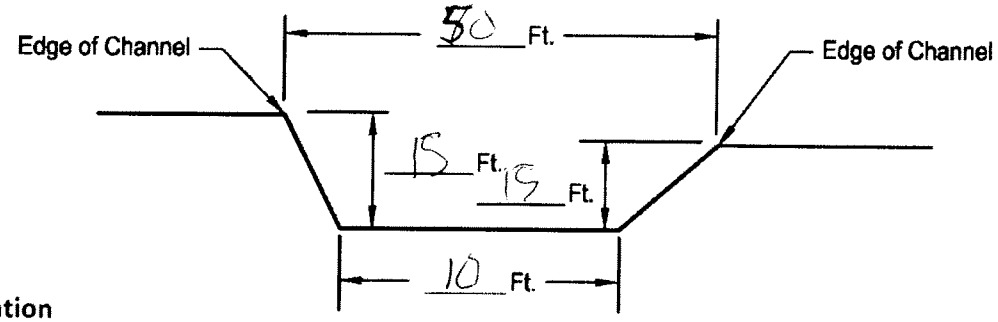
Data Point A. channel crossing 3A

Data Point B. " " 3B



2. Channel Cross-section

Identify approximate dimensions (in feet) on the diagram below.



3. Photo Documentation

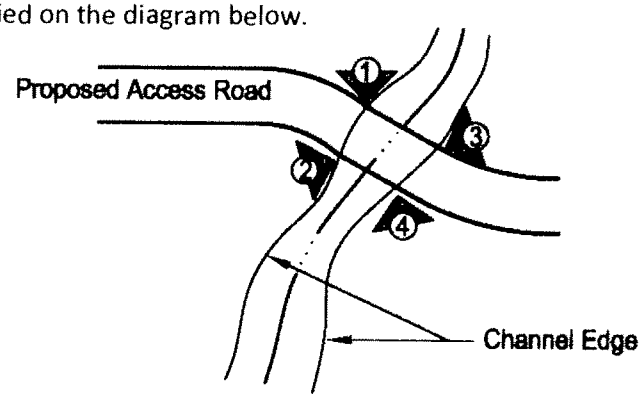
Provide four (4) photographs taken from locations and with orientations indicated below. Label each photo on the diagram below. Provide electronic copies (jpg or pdf) of photos to environmental consultant with labels matching those identified on the diagram below.

Photo 1. SE

Photo 2. SW

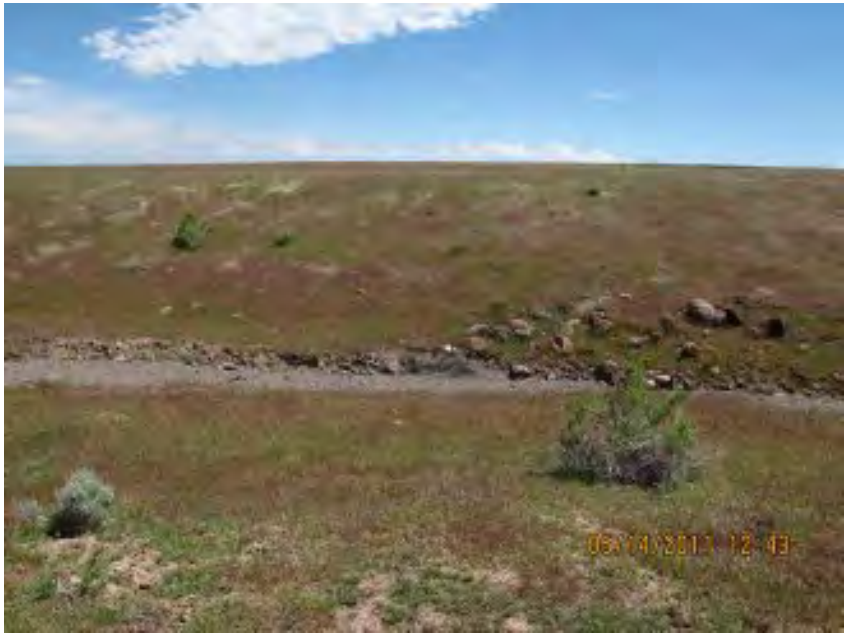
Photo 3. NW

Photo 4. NE



DRAFT

channel crossing 3a3b NE



channel crossing 3a3b NW

channel crossing 3a3b SE

channel crossing 3a3b SW

Crossing Name: Channel Crossing 4A_4B.pdf

Project
B2H TVEC
Channel Crossing Field Documentation Form

Date: 5-14-11 **Name of Recorder:** RS **Crossing Location ID:** Channel Crossing 4A4B

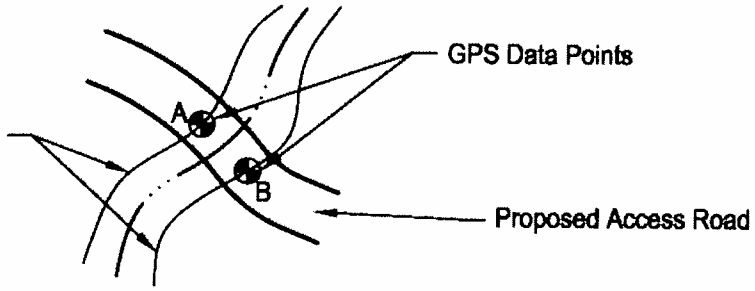
This form may be used to document stream and wash channel conditions at locations proposed for access road crossings. This form is not intended to replace requirements for jurisdictional determination and delineation of waters of the U.S., including wetlands that require a formal delineation procedure.

1. Channel Crossing Location

Identify location on a USGS quad map (or Google Earth topographic or aerial image with latitude and longitude clearly shown) and attach the map to this form. Provide the name of the stream if identified on the map. If a GPS unit is available, provide data points in UTM coordinates for the intersections of the access road centerline with the channel edges as shown in the diagram below (send GPS data points electronically to environmental consultant, labeled as shown below).

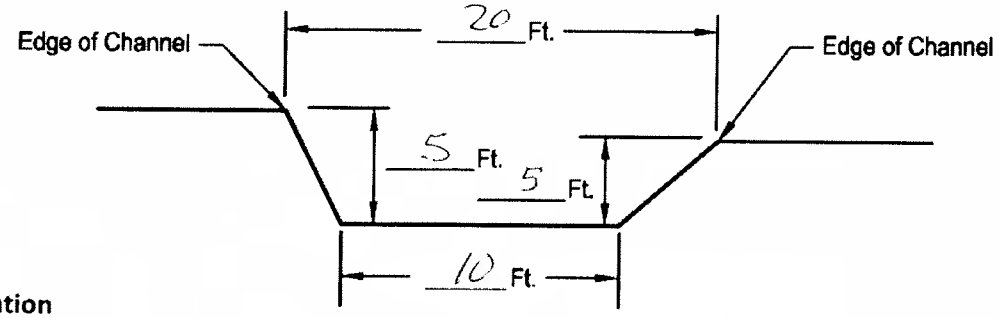
Data Point A. Channel crossing 4A

Data Point B. Channel crossing 4B



2. Channel Cross-section

Identify approximate dimensions (in feet) on the diagram below.



3. Photo Documentation

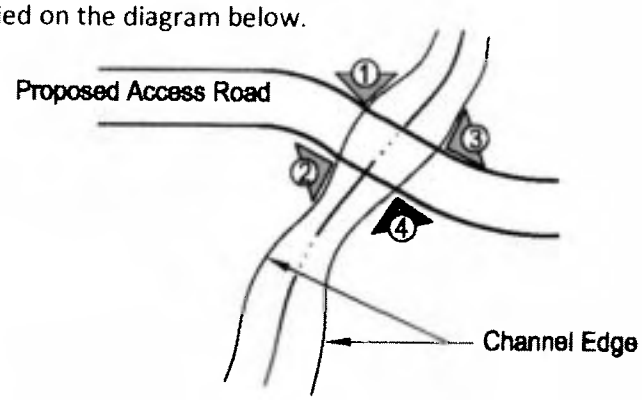
Provide four (4) photographs taken from locations and with orientations indicated below. Label each photo on the diagram below. Provide electronic copies (jpg or pdf) of photos to environmental consultant with labels matching those identified on the diagram below.

Photo 1. SE

Photo 2. SW

Photo 3. NW

Photo 4. NE



DRAFT

channel crossing 4a4b NW

channel crossing 4a4b NE

channel crossing 4a4b SE

Channel crossing 4a4b SW

Crossing Name: Channel Crossing 5.pdf

Project
B2H TVEC
Channel Crossing Field Documentation Form

Date: 5-14-11 **Name of Recorder:** RS **Crossing Location ID:** Channel crossing 5

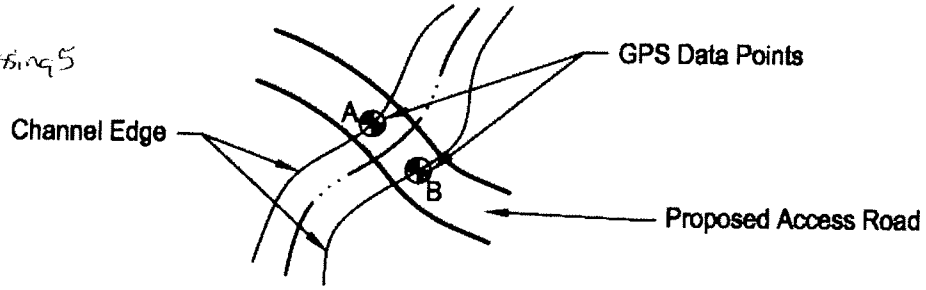
This form may be used to document stream and wash channel conditions at locations proposed for access road crossings. This form is not intended to replace requirements for jurisdictional determination and delineation of waters of the U.S., including wetlands that require a formal delineation procedure.

1. Channel Crossing Location

Identify location on a USGS quad map (or Google Earth topographic or aerial image with latitude and longitude clearly shown) and attach the map to this form. Provide the name of the stream if identified on the map. If a GPS unit is available, provide data points in UTM coordinates for the intersections of the access road centerline with the channel edges as shown in the diagram below (send GPS data points electronically to environmental consultant, labeled as shown below).

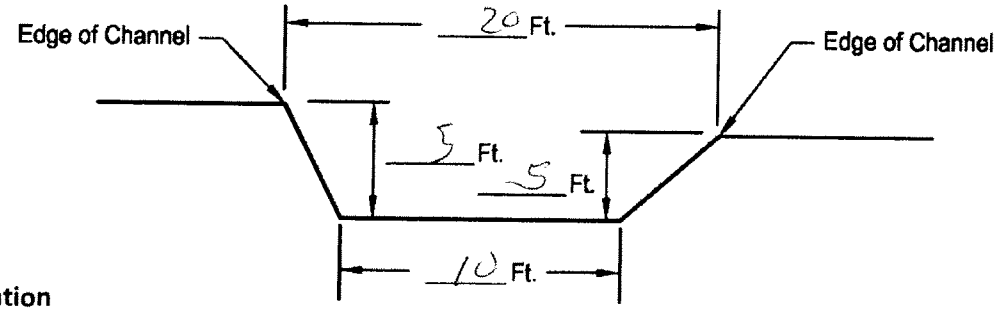
Data Point A. Channel crossing 5

Data Point B. _____



2. Channel Cross-section

Identify approximate dimensions (in feet) on the diagram below.



3. Photo Documentation

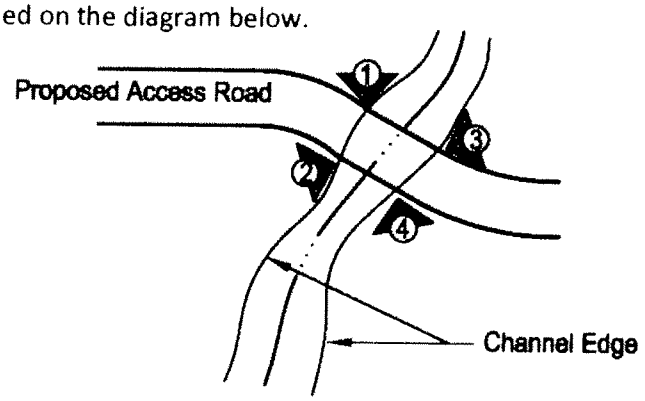
Provide four (4) photographs taken from locations and with orientations indicated below. Label each photo on the diagram below. Provide electronic copies (jpg or pdf) of photos to environmental consultant with labels matching those identified on the diagram below.

Photo 1. SE

Photo 2. _____

Photo 3. _____

Photo 4. _____



DRAFT

Channel crossing 5

Crossing Name: Channel Crossing 6.pdf

Project
B2H TVEC
Channel Crossing Field Documentation Form

Date: 5-14-11 **Name of Recorder:** RS **Crossing Location ID:** Channel crossing 6

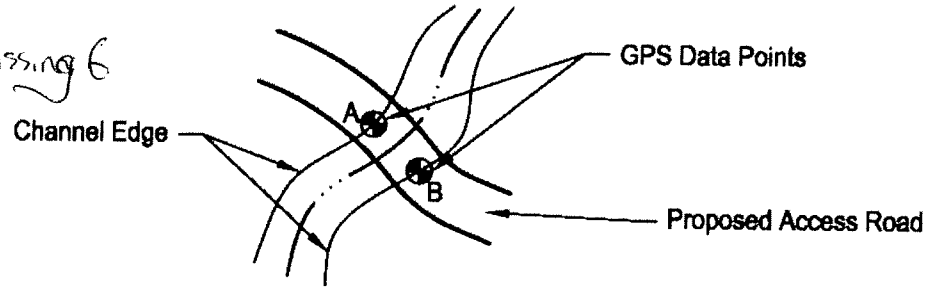
This form may be used to document stream and wash channel conditions at locations proposed for access road crossings. This form is not intended to replace requirements for jurisdictional determination and delineation of waters of the U.S., including wetlands that require a formal delineation procedure.

1. Channel Crossing Location

Identify location on a USGS quad map (or Google Earth topographic or aerial image with latitude and longitude clearly shown) and attach the map to this form. Provide the name of the stream if identified on the map. If a GPS unit is available, provide data points in UTM coordinates for the intersections of the access road centerline with the channel edges as shown in the diagram below (send GPS data points electronically to environmental consultant, labeled as shown below).

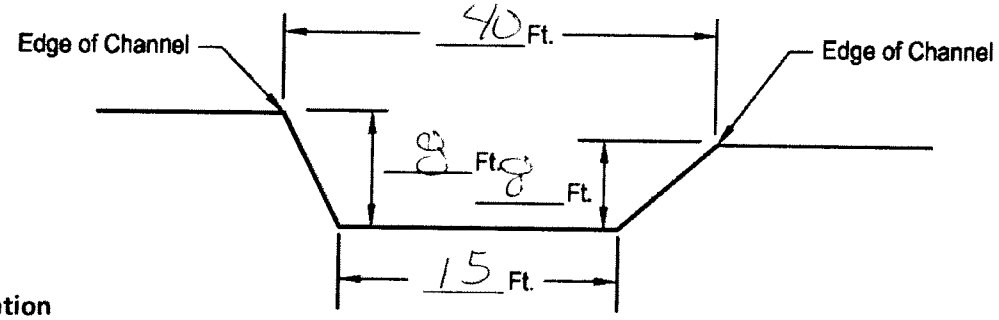
Data Point A. Channel crossing 6

Data Point B. _____



2. Channel Cross-section

Identify approximate dimensions (in feet) on the diagram below.



3. Photo Documentation

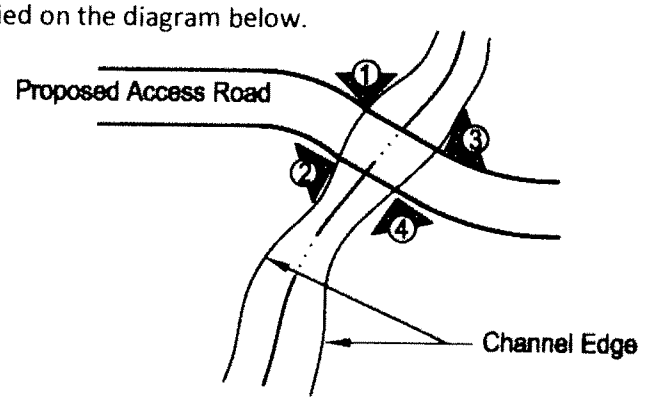
Provide four (4) photographs taken from locations and with orientations indicated below. Label each photo on the diagram below. Provide electronic copies (jpg or pdf) of photos to environmental consultant with labels matching those identified on the diagram below.

Photo 1. SE

Photo 2. _____

Photo 3. _____

Photo 4. _____



DRAFT

channel crossing 6

Crossing Name: Channel Crossing 7_7B.pdf

Project
B2H TVEC
Channel Crossing Field Documentation Form

Date: 5.4.11 **Name of Recorder:** RS **Crossing Location ID:** Channel Crossing 7, 7B

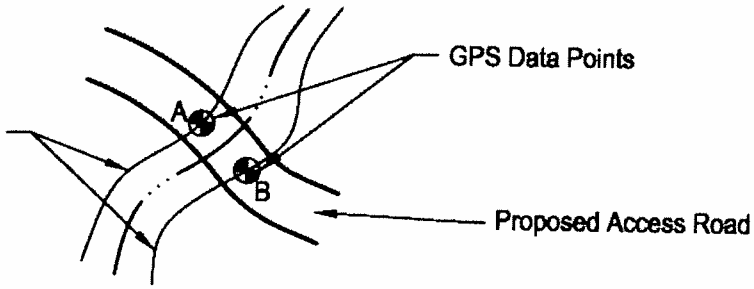
This form may be used to document stream and wash channel conditions at locations proposed for access road crossings. This form is not intended to replace requirements for jurisdictional determination and delineation of waters of the U.S., including wetlands that require a formal delineation procedure.

1. Channel Crossing Location

Identify location on a USGS quad map (or Google Earth topographic or aerial image with latitude and longitude clearly shown) and attach the map to this form. Provide the name of the stream if identified on the map. If a GPS unit is available, provide data points in UTM coordinates for the intersections of the access road centerline with the channel edges as shown in the diagram below (send GPS data points electronically to environmental consultant, labeled as shown below).

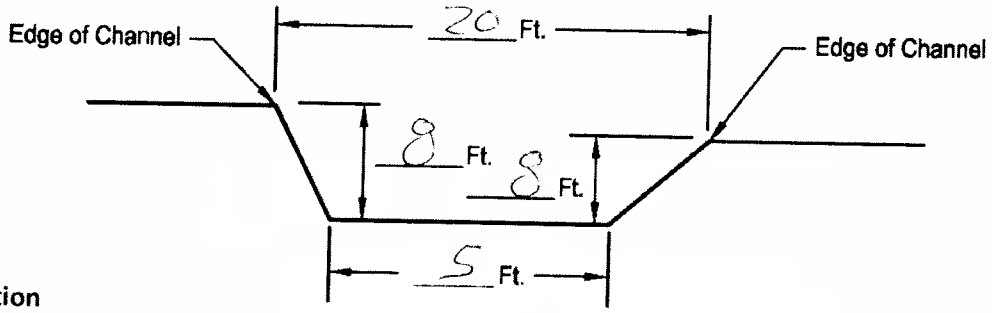
Data Point A. Channel crossing 7

Data Point B. " " 7B Channel Edge



2. Channel Cross-section

Identify approximate dimensions (in feet) on the diagram below.



3. Photo Documentation

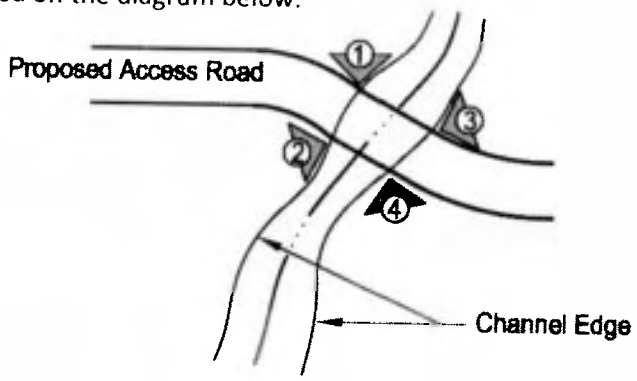
Provide four (4) photographs taken from locations and with orientations indicated below. Label each photo on the diagram below. Provide electronic copies (jpg or pdf) of photos to environmental consultant with labels matching those identified on the diagram below.

Photo 1. SE

Photo 2. SW

Photo 3. NW

Photo 4. NE



DRAFT

channel crossing 7,7b NE

channel crossing 7,7b NW

channel crossing 7,7b SE

channel crossing 7,7b SW

Crossing Name: Channel Crossing 8_8B.pdf

Project
B2H TVEC
Channel Crossing Field Documentation Form

Date: 5-14-11 **Name of Recorder:** RS **Crossing Location ID:** Channel crossing 8,8B

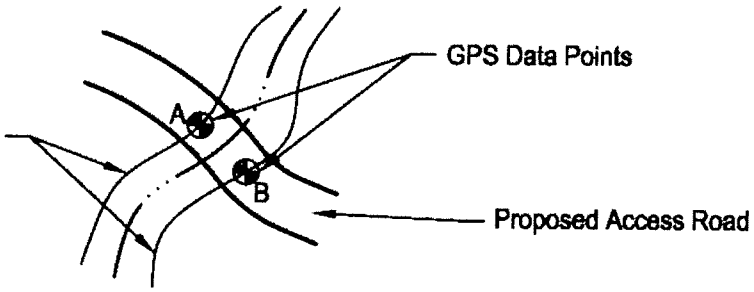
This form may be used to document stream and wash channel conditions at locations proposed for access road crossings. This form is not intended to replace requirements for jurisdictional determination and delineation of waters of the U.S., including wetlands that require a formal delineation procedure.

1. Channel Crossing Location

Identify location on a USGS quad map (or Google Earth topographic or aerial image with latitude and longitude clearly shown) and attach the map to this form. Provide the name of the stream if identified on the map. If a GPS unit is available, provide data points in UTM coordinates for the intersections of the access road centerline with the channel edges as shown in the diagram below (send GPS data points electronically to environmental consultant, labeled as shown below).

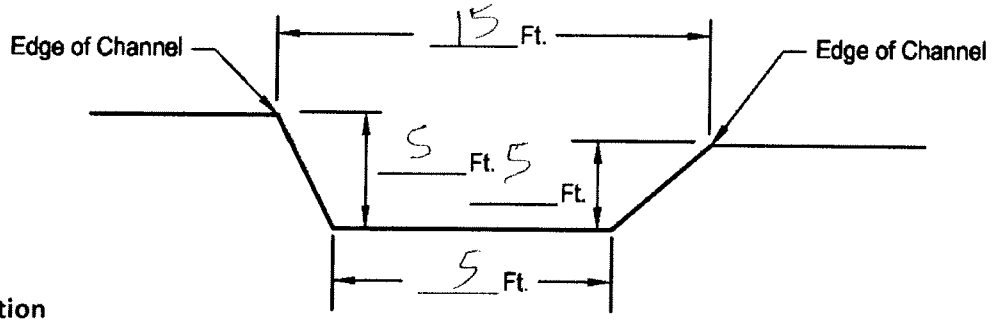
Data Point A. Channel crossing 8

Data Point B. " " 8B



2. Channel Cross-section

Identify approximate dimensions (in feet) on the diagram below.



3. Photo Documentation

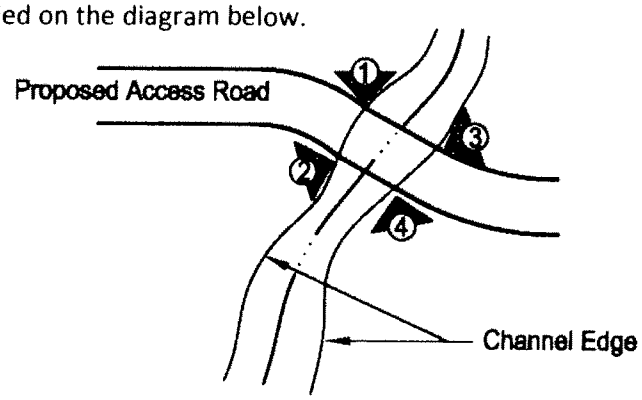
Provide four (4) photographs taken from locations and with orientations indicated below. Label each photo on the diagram below. Provide electronic copies (jpg or pdf) of photos to environmental consultant with labels matching those identified on the diagram below.

Photo 1. SE

Photo 2. SW

Photo 3. NW

Photo 4. NE



DRAFT

channel crossing 8,8b NE

channel crossing 8,8b NW

channel crossing 8,8b SE

channel crossing 8,8b SW

Crossing Name: Cross 1_1A.pdf

Project
B2H TVEC
Channel Crossing Field Documentation Form

Date: 6-1-11 **Name of Recorder:** T Jones **Crossing Location ID:** Cross 1

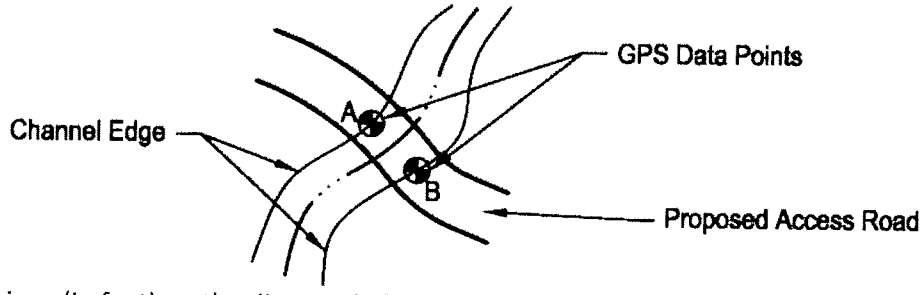
This form may be used to document stream and wash channel conditions at locations proposed for access road crossings. This form is not intended to replace requirements for jurisdictional determination and delineation of waters of the U.S., including wetlands that require a formal delineation procedure.

1. Channel Crossing Location

Identify location on a USGS quad map (or Google Earth topographic or aerial image with latitude and longitude clearly shown) and attach the map to this form. Provide the name of the stream if identified on the map. If a GPS unit is available, provide data points in UTM coordinates for the intersections of the access road centerline with the channel edges as shown in the diagram below (send GPS data points electronically to environmental consultant, labeled as shown below).

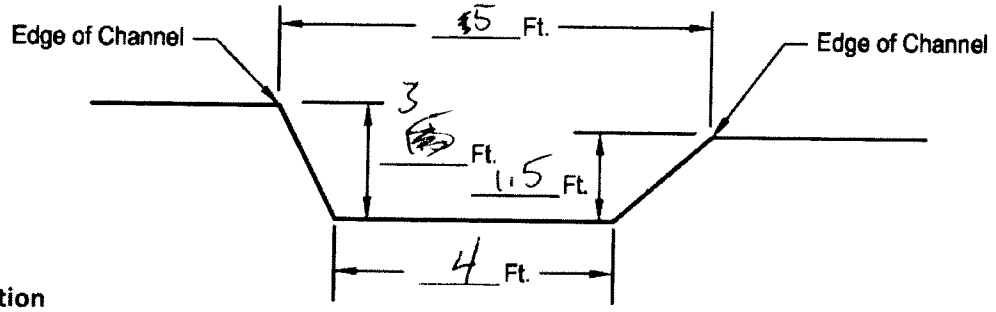
Data Point A. 1

Data Point B. 1A



2. Channel Cross-section

Identify approximate dimensions (in feet) on the diagram below.



3. Photo Documentation

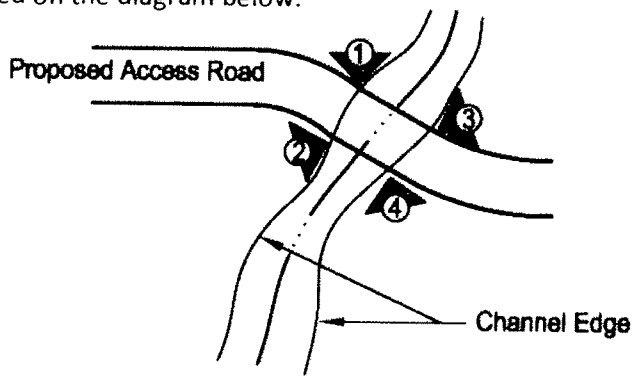
Provide four (4) photographs taken from locations and with orientations indicated below. Label each photo on the diagram below. Provide electronic copies (jpg or pdf) of photos to environmental consultant with labels matching those identified on the diagram below.

Photo 1. 1

Photo 2. 2

Photo 3. 3

Photo 4. 4



DRAFT

Cross 1_1A-1

Cross 1_1A-2

Cross 1_1A-3

Cross 1_1A-4

Crossing Name: Cross 2_2A.pdf

Project
B2H TVEC
Channel Crossing Field Documentation Form

Date: 6-1-11 **Name of Recorder:** T Jones **Crossing Location ID:** Cross 2

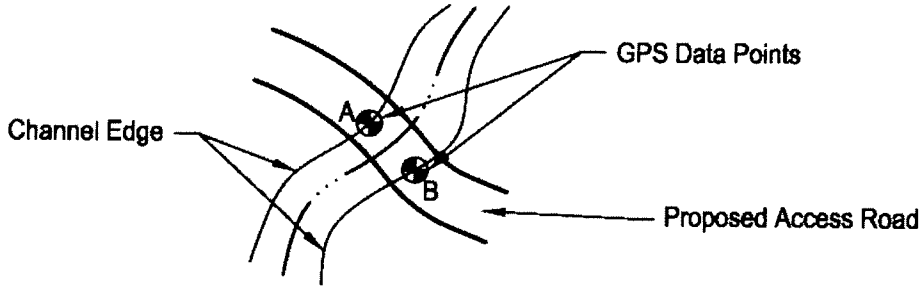
This form may be used to document stream and wash channel conditions at locations proposed for access road crossings. This form is not intended to replace requirements for jurisdictional determination and delineation of waters of the U.S., including wetlands that require a formal delineation procedure.

1. Channel Crossing Location

Identify location on a USGS quad map (or Google Earth topographic or aerial image with latitude and longitude clearly shown) and attach the map to this form. Provide the name of the stream if identified on the map. If a GPS unit is available, provide data points in UTM coordinates for the intersections of the access road centerline with the channel edges as shown in the diagram below (send GPS data points electronically to environmental consultant, labeled as shown below).

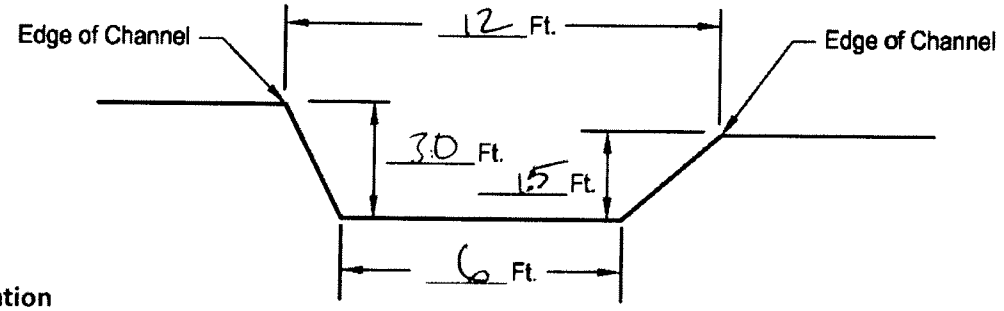
Data Point A. 2

Data Point B. 2a



2. Channel Cross-section

Identify approximate dimensions (in feet) on the diagram below.



3. Photo Documentation

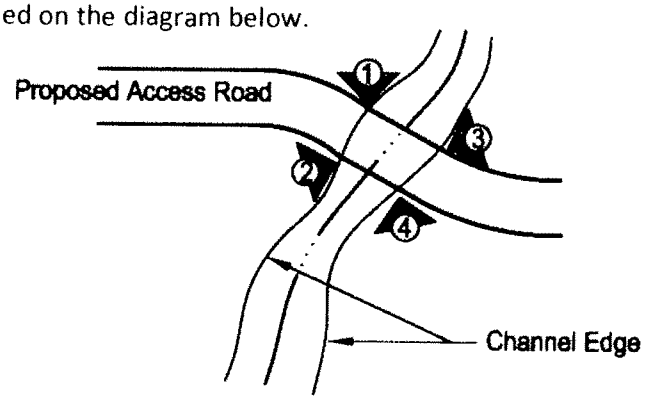
Provide four (4) photographs taken from locations and with orientations indicated below. Label each photo on the diagram below. Provide electronic copies (jpg or pdf) of photos to environmental consultant with labels matching those identified on the diagram below.

Photo 1. 5

Photo 2. 6

Photo 3. 7

Photo 4. 8



DRAFT

Cross 2_2A-1

Cross 2_2A-2

Cross 2_2A-3

Cross 2_2A-4

Crossing Name: Wash_1.pdf

Project
B2H TVEC
Channel Crossing Field Documentation Form

Date: 5-11-~~18~~ **Name of Recorder:** Thad [illegible] **Crossing Location ID:** Wash 1

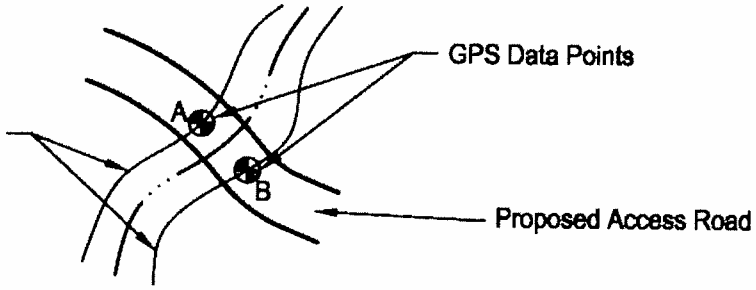
This form may be used to document stream and wash channel conditions at locations proposed for access road crossings. This form is not intended to replace requirements for jurisdictional determination and delineation of waters of the U.S., including wetlands that require a formal delineation procedure.

1. Channel Crossing Location

Identify location on a USGS quad map (or Google Earth topographic or aerial image with latitude and longitude clearly shown) and attach the map to this form. Provide the name of the stream if identified on the map. If a GPS unit is available, provide data points in UTM coordinates for the intersections of the access road centerline with the channel edges as shown in the diagram below (send GPS data points electronically to environmental consultant, labeled as shown below).

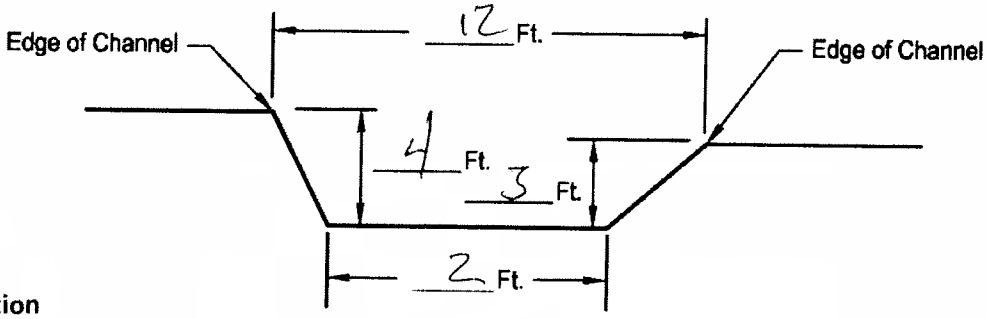
Data Point A. ~~26~~ 27 Wash 1

Data Point B. ~~28~~ 27 Wash 1A



2. Channel Cross-section

Identify approximate dimensions (in feet) on the diagram below.



3. Photo Documentation

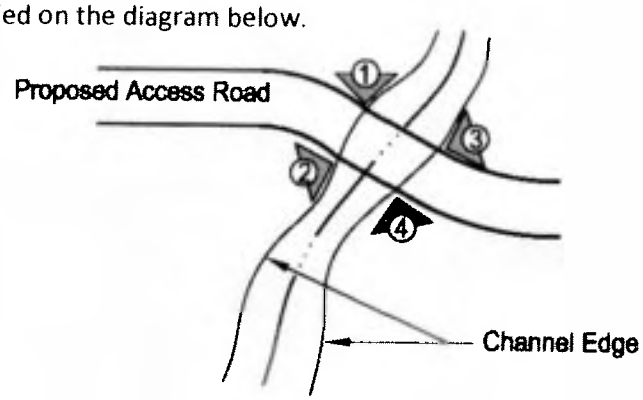
Provide four (4) photographs taken from locations and with orientations indicated below. Label each photo on the diagram below. Provide electronic copies (jpg or pdf) of photos to environmental consultant with labels matching those identified on the diagram below.

Photo 1. 26A

Photo 2. 26B

Photo 3. ~~28~~ 27A

Photo 4. ~~29~~ 27B



DRAFT

Wash_1-26a

Wash_1-26b

Wash_1-27a

Wash_1-27b

Crossing Name: Wash_3.pdf

Project
B2H TVEC
Channel Crossing Field Documentation Form

Date: 5-12-11 **Name of Recorder:** TJ **Crossing Location ID:** Wash 3 #61

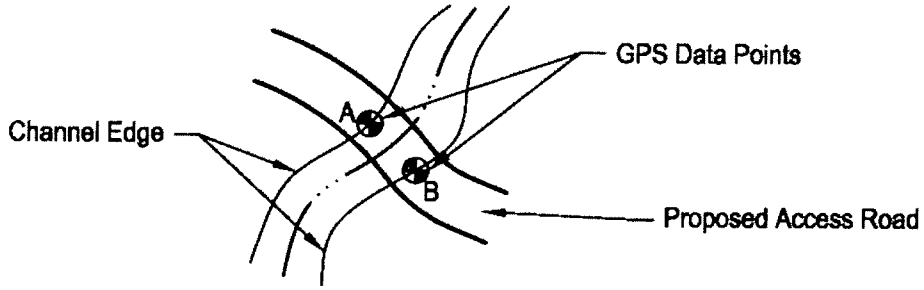
This form may be used to document stream and wash channel conditions at locations proposed for access road crossings. This form is not intended to replace requirements for jurisdictional determination and delineation of waters of the U.S., including wetlands that require a formal delineation procedure.

1. Channel Crossing Location

Identify location on a USGS quad map (or Google Earth topographic or aerial image with latitude and longitude clearly shown) and attach the map to this form. Provide the name of the stream if identified on the map. If a GPS unit is available, provide data points in UTM coordinates for the intersections of the access road centerline with the channel edges as shown in the diagram below (send GPS data points electronically to environmental consultant, labeled as shown below).

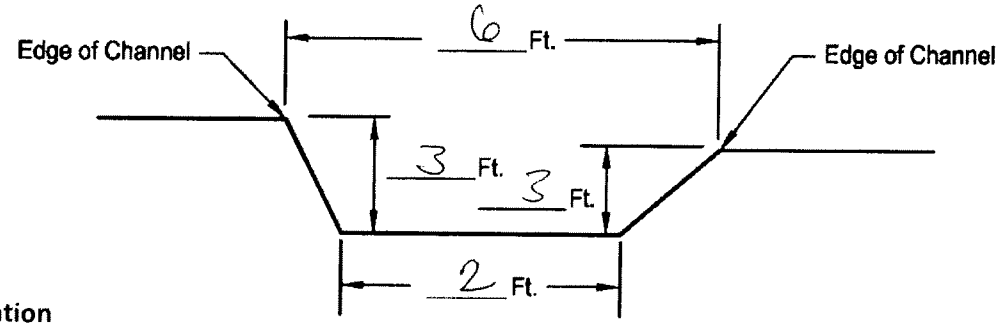
Data Point A. #61

Data Point B. /



2. Channel Cross-section

Identify approximate dimensions (in feet) on the diagram below.



3. Photo Documentation

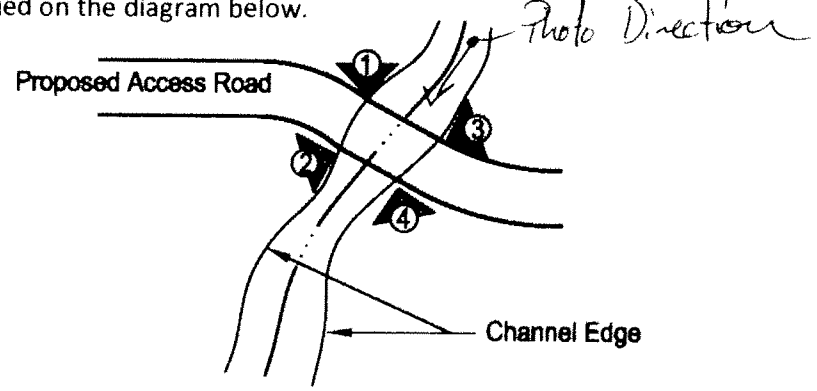
Provide four (4) photographs taken from locations and with orientations indicated below. Label each photo on the diagram below. Provide electronic copies (jpg or pdf) of photos to environmental consultant with labels matching those identified on the diagram below.

Photo 1. #61

Photo 2. _____

Photo 3. _____

Photo 4. _____



DRAFT

Wash_3-61-1

Wash_3-61-2

Crossing Name: 63-Crossing 7.pdf

Project
B2H TVEC
Channel Crossing Field Documentation Form

Date: 6-3-11 **Name of Recorder:** Thad Jones **Crossing Location ID:** 63 Crossing 7

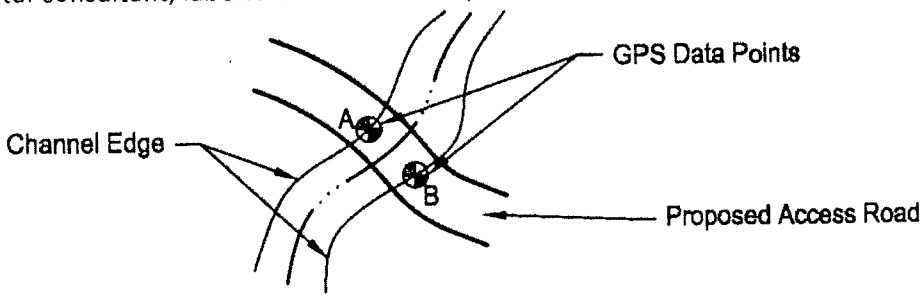
This form may be used to document stream and wash channel conditions at locations proposed for access road crossings. This form is not intended to replace requirements for jurisdictional determination and delineation of waters of the U.S., including wetlands that require a formal delineation procedure.

1. Channel Crossing Location

Identify location on a USGS quad map (or Google Earth topographic or aerial image with latitude and longitude clearly shown) and attach the map to this form. Provide the name of the stream if identified on the map. If a GPS unit is available, provide data points in UTM coordinates for the intersections of the access road centerline with the channel edges as shown in the diagram below (send GPS data points electronically to environmental consultant, labeled as shown below).

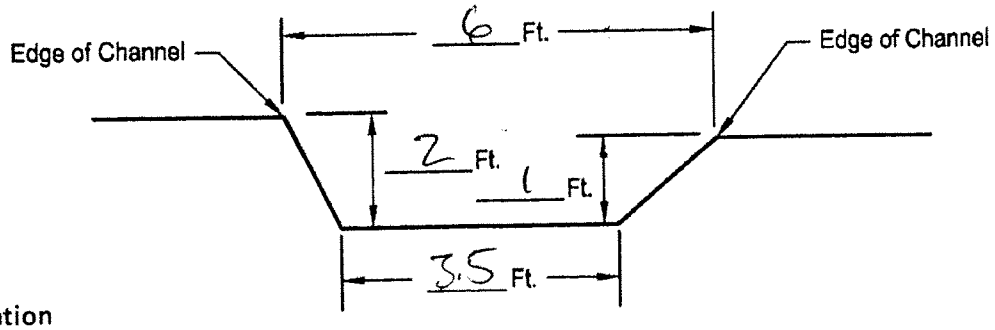
Data Point A. 7

Data Point B. 7A



2. Channel Cross-section

Identify approximate dimensions (in feet) on the diagram below.



3. Photo Documentation

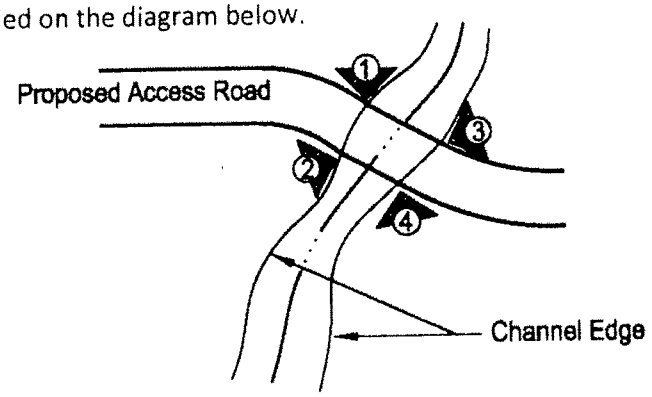
Provide four (4) photographs taken from locations and with orientations indicated below. Label each photo on the diagram below. Provide electronic copies (jpg or pdf) of photos to environmental consultant with labels matching those identified on the diagram below.

Photo 1. 0045

Photo 2. 0046

Photo 3. 0047

Photo 4. 0048



DRAFT

63-Crossing 7-0045

63-Crossing 7-0046

63-Crossing 7-0047

63-Crossing 7-0048

Crossing Name: 63-Crossing 8.pdf

Project
B2H TVEC
Channel Crossing Field Documentation Form

Date: 6-3-11 Name of Recorder: Thad Jones Crossing Location ID: 63 Crossing 8

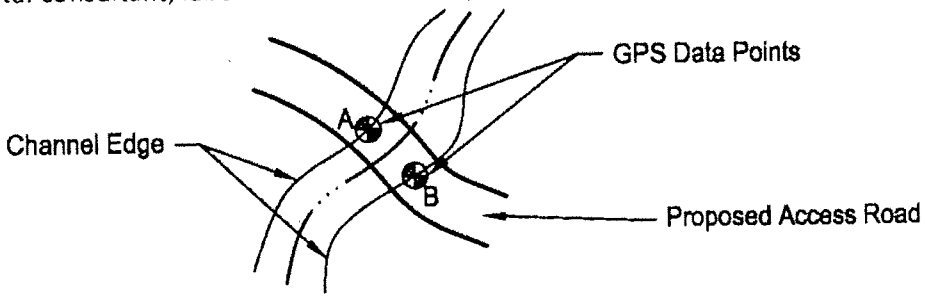
This form may be used to document stream and wash channel conditions at locations proposed for access road crossings. This form is not intended to replace requirements for jurisdictional determination and delineation of waters of the U.S., including wetlands that require a formal delineation procedure.

1. Channel Crossing Location

Identify location on a USGS quad map (or Google Earth topographic or aerial image with latitude and longitude clearly shown) and attach the map to this form. Provide the name of the stream if identified on the map. If a GPS unit is available, provide data points in UTM coordinates for the intersections of the access road centerline with the channel edges as shown in the diagram below (send GPS data points electronically to environmental consultant, labeled as shown below).

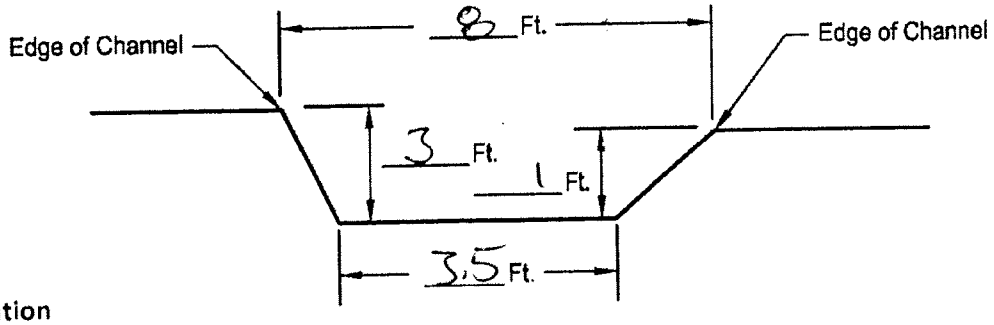
Data Point A. 8

Data Point B. 8A



2. Channel Cross-section

Identify approximate dimensions (in feet) on the diagram below.



3. Photo Documentation

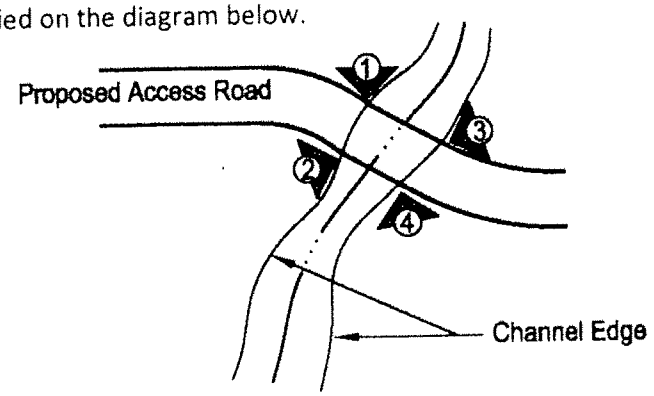
Provide four (4) photographs taken from locations and with orientations indicated below. Label each photo on the diagram below. Provide electronic copies (jpg or pdf) of photos to environmental consultant with labels matching those identified on the diagram below.

Photo 1. 0050

Photo 2. 0051

Photo 3. 0052

Photo 4. 0053



DRAFT

63-Crossing 8-0050

63-Crossing 8-0051

63-Crossing 8-0052

63-Crossing 8-0053

Crossing Name: 63-Crossing 9.pdf

Project
B2H TVEC
Channel Crossing Field Documentation Form

Date: 6-3-11 Name of Recorder: Thad Jones Crossing Location ID: 63-Crossing 9

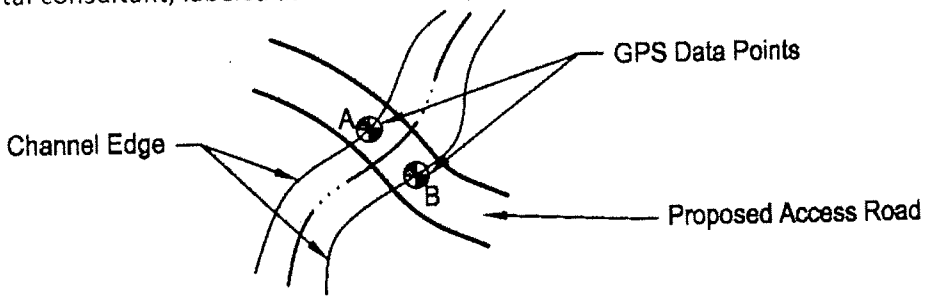
This form may be used to document stream and wash channel conditions at locations proposed for access road crossings. This form is not intended to replace requirements for jurisdictional determination and delineation of waters of the U.S., including wetlands that require a formal delineation procedure.

1. Channel Crossing Location

Identify location on a USGS quad map (or Google Earth topographic or aerial image with latitude and longitude clearly shown) and attach the map to this form. Provide the name of the stream if identified on the map. If a GPS unit is available, provide data points in UTM coordinates for the intersections of the access road centerline with the channel edges as shown in the diagram below (send GPS data points electronically to environmental consultant, labeled as shown below).

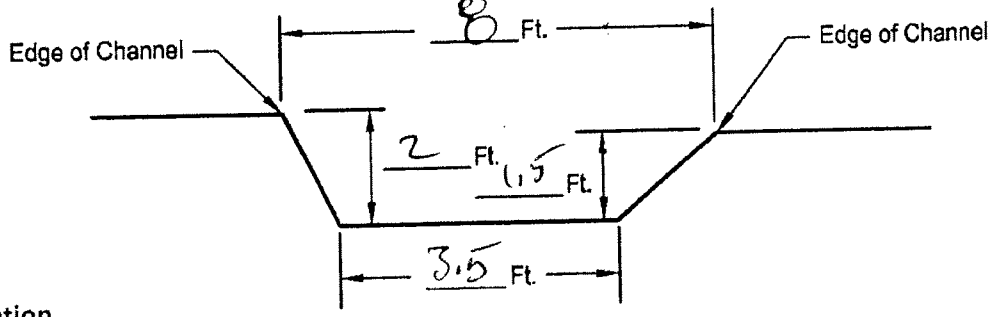
Data Point A. 9

Data Point B. 9A



2. Channel Cross-section

Identify approximate dimensions (in feet) on the diagram below.



3. Photo Documentation

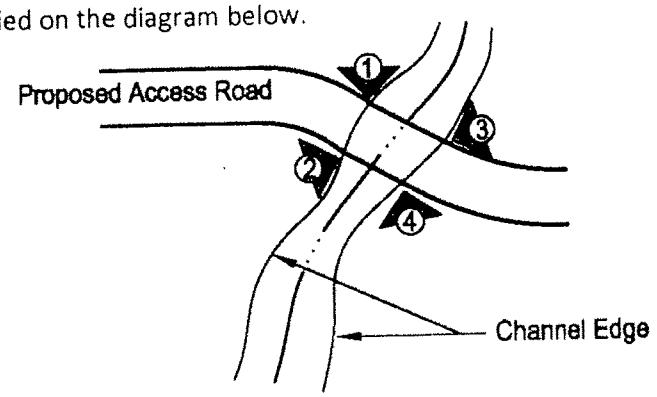
Provide four (4) photographs taken from locations and with orientations indicated below. Label each photo on the diagram below. Provide electronic copies (jpg or pdf) of photos to environmental consultant with labels matching those identified on the diagram below.

Photo 1. 0057

Photo 2. 0058

Photo 3. 0059

Photo 4. 0060



DRAFT

63-Crossing 9-0057

63-Crossing 9-0058

63-Crossing 9-0059

63-Crossing 9-0060

Crossing Name: 64-Crossing 1.pdf

Project
B2H TVEC
Channel Crossing Field Documentation Form

Date: 6/4-11 **Name of Recorder:** Thad Jones **Crossing Location ID:** 64 Crossing 1

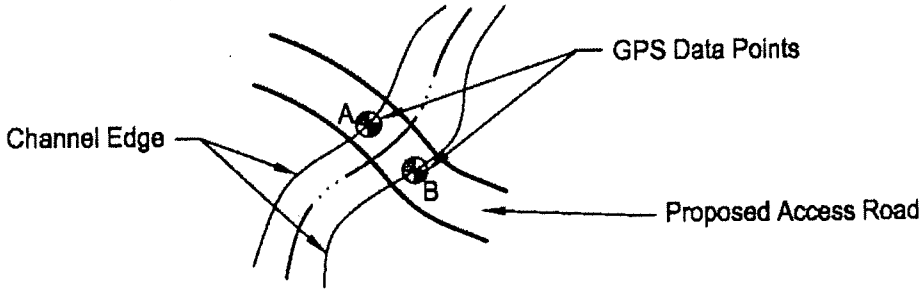
This form may be used to document stream and wash channel conditions at locations proposed for access road crossings. This form is not intended to replace requirements for jurisdictional determination and delineation of waters of the U.S., including wetlands that require a formal delineation procedure.

1. Channel Crossing Location

Identify location on a USGS quad map (or Google Earth topographic or aerial image with latitude and longitude clearly shown) and attach the map to this form. Provide the name of the stream if identified on the map. If a GPS unit is available, provide data points in UTM coordinates for the intersections of the access road centerline with the channel edges as shown in the diagram below (send GPS data points electronically to environmental consultant, labeled as shown below).

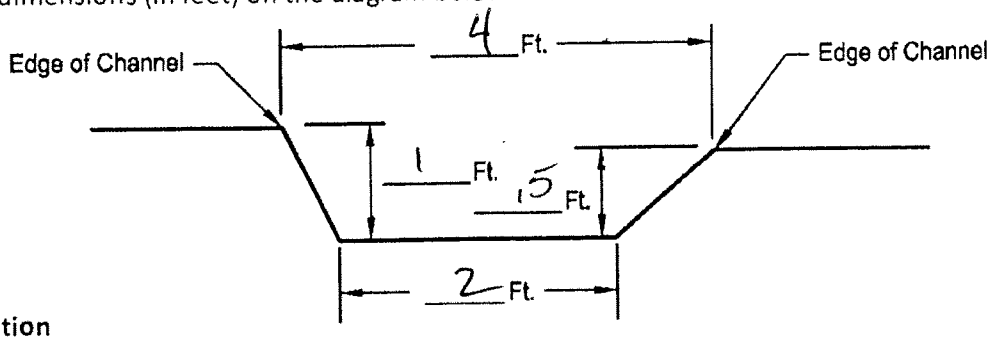
Data Point A. 1

Data Point B. 1A



2. Channel Cross-section

Identify approximate dimensions (in feet) on the diagram below.



3. Photo Documentation

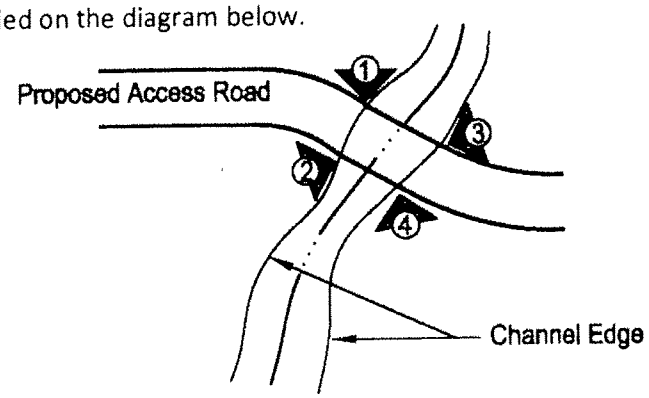
Provide four (4) photographs taken from locations and with orientations indicated below. Label each photo on the diagram below. Provide electronic copies (jpg or pdf) of photos to environmental consultant with labels matching those identified on the diagram below.

Photo 1. 002

Photo 2. 003

Photo 3. 004

Photo 4. 005



DRAFT

64-Crossing 1-0002

64-Crossing 1-0003

64-Crossing 1-0004

64-Crossing 1-0005

Crossing Name: 64-Crossing 2.pdf

Project
B2H TVEC
Channel Crossing Field Documentation Form

Date: 6-4-11 **Name of Recorder:** Thad Jones **Crossing Location ID:** 64-Crossing 2

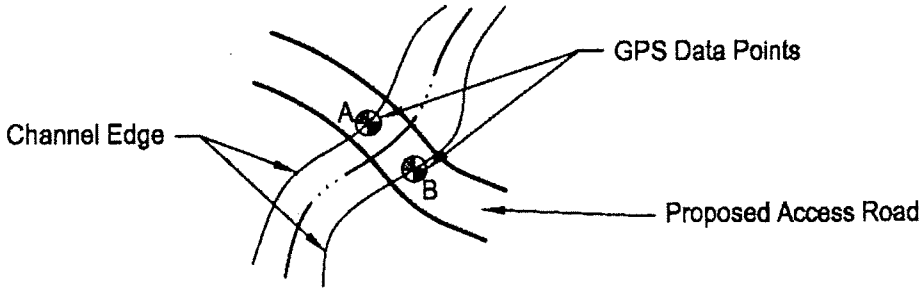
This form may be used to document stream and wash channel conditions at locations proposed for access road crossings. This form is not intended to replace requirements for jurisdictional determination and delineation of waters of the U.S., including wetlands that require a formal delineation procedure.

1. Channel Crossing Location

Identify location on a USGS quad map (or Google Earth topographic or aerial image with latitude and longitude clearly shown) and attach the map to this form. Provide the name of the stream if identified on the map. If a GPS unit is available, provide data points in UTM coordinates for the intersections of the access road centerline with the channel edges as shown in the diagram below (send GPS data points electronically to environmental consultant, labeled as shown below).

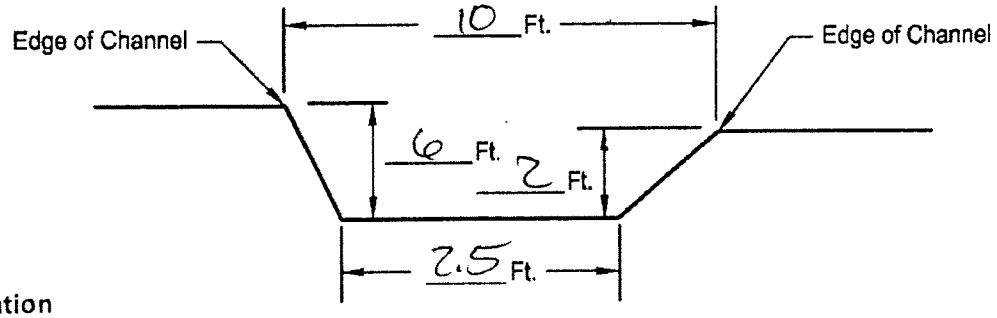
Data Point A. 2

Data Point B. 2A



2. Channel Cross-section

Identify approximate dimensions (in feet) on the diagram below.



3. Photo Documentation

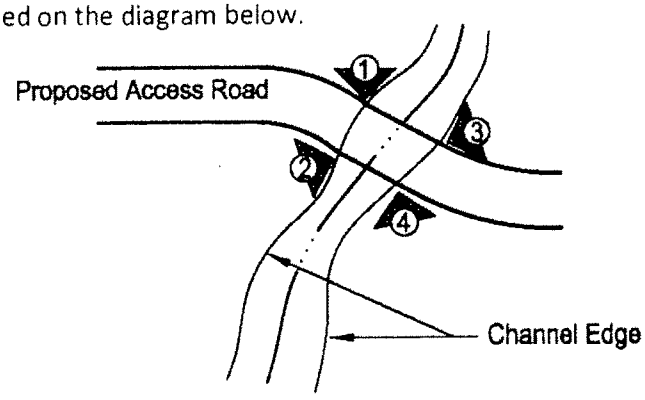
Provide four (4) photographs taken from locations and with orientations indicated below. Label each photo on the diagram below. Provide electronic copies (jpg or pdf) of photos to environmental consultant with labels matching those identified on the diagram below.

Photo 1. 009

Photo 2. 0010

Photo 3. 0011

Photo 4. 0012



DRAFT

64-Crossing 2-0009

64-Crossing 2-0010

64-Crossing 2-0011

64-Crossing 2-0012

Crossing Name: 65-Crossing 1.pdf

Project
B2H TVEC
Channel Crossing Field Documentation Form

Date: 6-5-11 **Name of Recorder:** Thad Jones **Crossing Location ID:** Fav 65-crossing 1

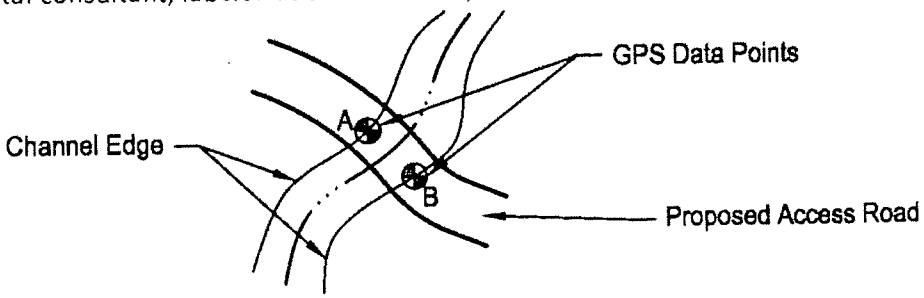
This form may be used to document stream and wash channel conditions at locations proposed for access road crossings. This form is not intended to replace requirements for jurisdictional determination and delineation of waters of the U.S., including wetlands that require a formal delineation procedure.

1. Channel Crossing Location

Identify location on a USGS quad map (or Google Earth topographic or aerial image with latitude and longitude clearly shown) and attach the map to this form. Provide the name of the stream if identified on the map. If a GPS unit is available, provide data points in UTM coordinates for the intersections of the access road centerline with the channel edges as shown in the diagram below (send GPS data points electronically to environmental consultant, labeled as shown below).

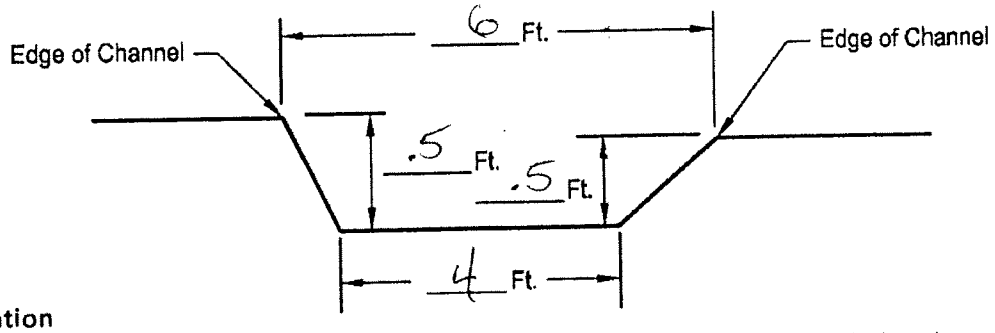
Data Point A. 1

Data Point B. 1A



2. Channel Cross-section

Identify approximate dimensions (in feet) on the diagram below.



3. Photo Documentation

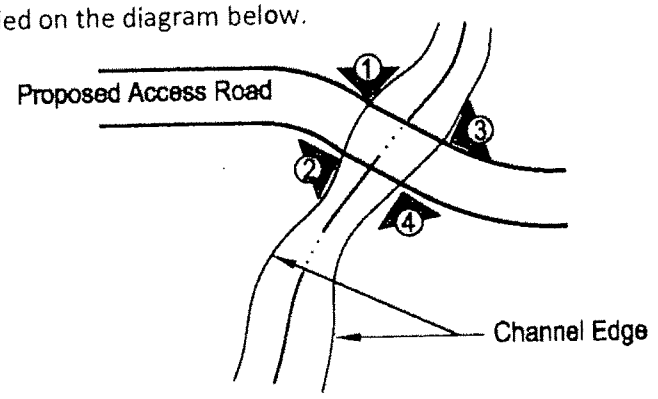
Provide four (4) photographs taken from locations and with orientations indicated below. Label each photo on the diagram below. Provide electronic copies (jpg or pdf) of photos to environmental consultant with labels matching those identified on the diagram below.

Photo 1. 002

Photo 2. 003

Photo 3. 004

Photo 4. 005



DRAFT

65-Crossing 1-0002

65-Crossing 1-0003

65-Crossing 1-0004

65-Crossing 1-0005

Crossing Name: 65-Crossing 2.pdf

Project
B2H TVEC
Channel Crossing Field Documentation Form

Date: 6-5-11 **Name of Recorder:** Thad Jones **Crossing Location ID:** 65-Crossing 2

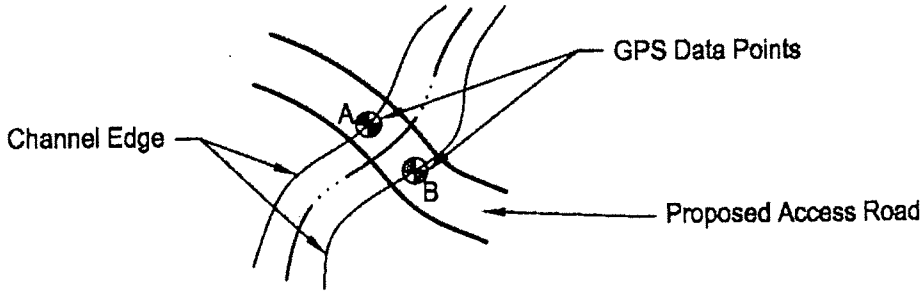
This form may be used to document stream and wash channel conditions at locations proposed for access road crossings. This form is not intended to replace requirements for jurisdictional determination and delineation of waters of the U.S., including wetlands that require a formal delineation procedure.

1. Channel Crossing Location

Identify location on a USGS quad map (or Google Earth topographic or aerial image with latitude and longitude clearly shown) and attach the map to this form. Provide the name of the stream if identified on the map. If a GPS unit is available, provide data points in UTM coordinates for the intersections of the access road centerline with the channel edges as shown in the diagram below (send GPS data points electronically to environmental consultant, labeled as shown below).

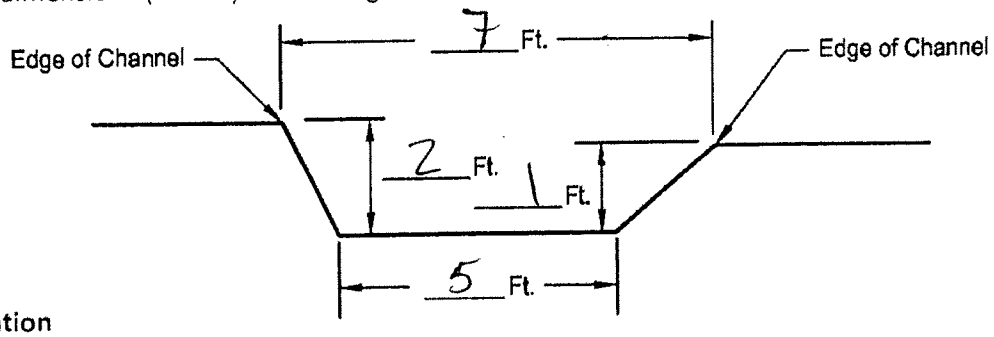
Data Point A. 62

Data Point B. 2A



2. Channel Cross-section

Identify approximate dimensions (in feet) on the diagram below.



3. Photo Documentation

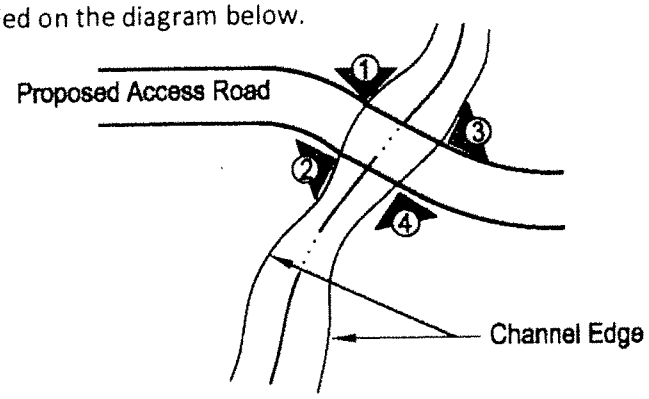
Provide four (4) photographs taken from locations and with orientations indicated below. Label each photo on the diagram below. Provide electronic copies (jpg or pdf) of photos to environmental consultant with labels matching those identified on the diagram below.

Photo 1. 0017

Photo 2. 0018

Photo 3. 0019

Photo 4. 0020



DRAFT

65-Crossing 2-0017

65-Crossing 2-0018

65-Crossing 2-0019

65-Crossing 2-0020

Crossing Name: 7_15-10_11.pdf

Project
B2H TVEC
Channel Crossing Field Documentation Form

Date: 7/15/11 **Name of Recorder:** M McClanahan **Crossing Location ID:** 7/15-10 7/15-11

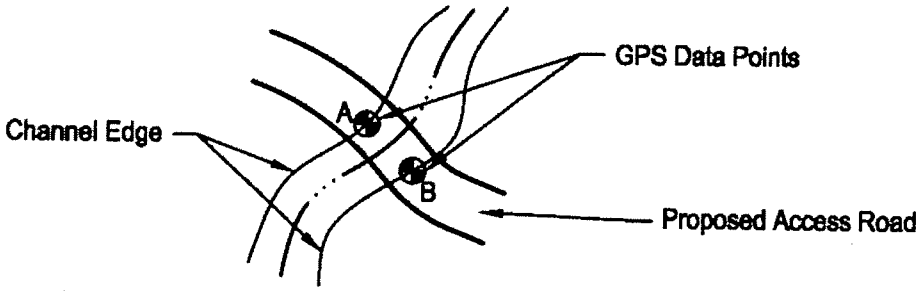
This form may be used to document stream and wash channel conditions at locations proposed for access road crossings. This form is not intended to replace requirements for jurisdictional determination and delineation of waters of the U.S., including wetlands that require a formal delineation procedure.

1. Channel Crossing Location

Identify location on a USGS quad map (or Google Earth topographic or aerial image with latitude and longitude clearly shown) and attach the map to this form. Provide the name of the stream if identified on the map. If a GPS unit is available, provide data points in UTM coordinates for the intersections of the access road centerline with the channel edges as shown in the diagram below (send GPS data points electronically to environmental consultant, labeled as shown below).

Data Point A. 7/15-10

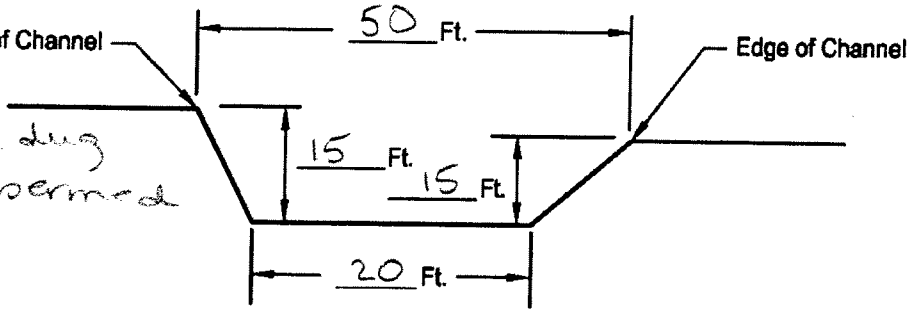
Data Point B. 7/15-11



2. Channel Cross-section

Identify approximate dimensions (in feet) on the diagram below.

Note: this is not a channel but rather a stock watering pond dug out of side slope & bermed all around



3. Photo Documentation

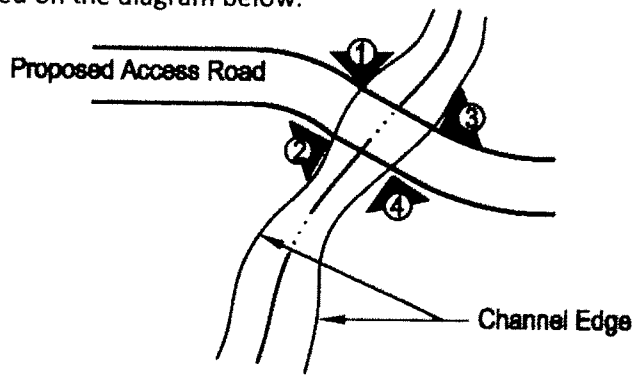
Provide four (4) photographs taken from locations and with orientations indicated below. Label each photo on the diagram below. Provide electronic copies (jpg or pdf) of photos to environmental consultant with labels matching those identified on the diagram below.

Photo 1. NW

Photo 2. SW

Photo 3. NE

Photo 4. SE



DRAFT

7_15-10A

7_15-10B

7_15-11A

7_15-11B

Crossing Name: 7_16-20_21.pdf

Project
B2H TVEC
Channel Crossing Field Documentation Form

Date: 7/16/11 **Name of Recorder:** McClanahan **Crossing Location ID:** 7/16-20 7/16-21

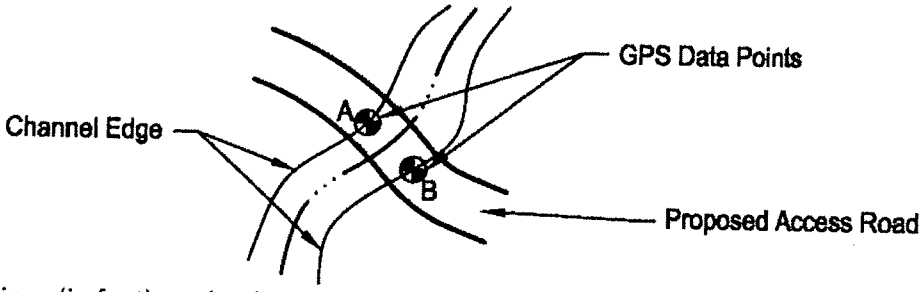
This form may be used to document stream and wash channel conditions at locations proposed for access road crossings. This form is not intended to replace requirements for jurisdictional determination and delineation of waters of the U.S., including wetlands that require a formal delineation procedure.

1. Channel Crossing Location

Identify location on a USGS quad map (or Google Earth topographic or aerial image with latitude and longitude clearly shown) and attach the map to this form. Provide the name of the stream if identified on the map. If a GPS unit is available, provide data points in UTM coordinates for the intersections of the access road centerline with the channel edges as shown in the diagram below (send GPS data points electronically to environmental consultant, labeled as shown below).

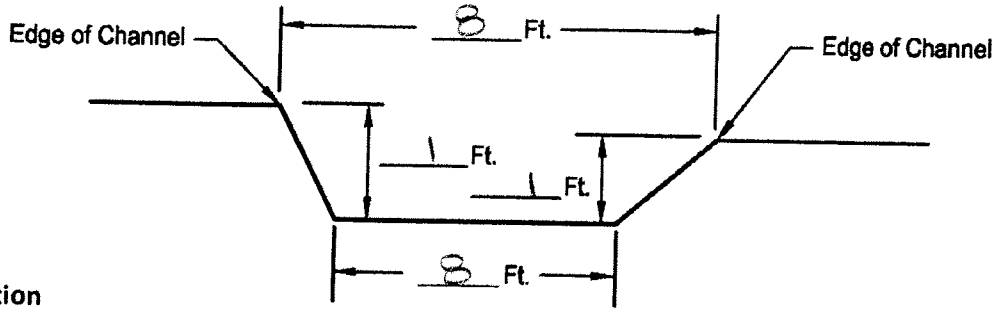
Data Point A. 7/16-20

Data Point B. 7/16-21



2. Channel Cross-section

Identify approximate dimensions (in feet) on the diagram below.



3. Photo Documentation

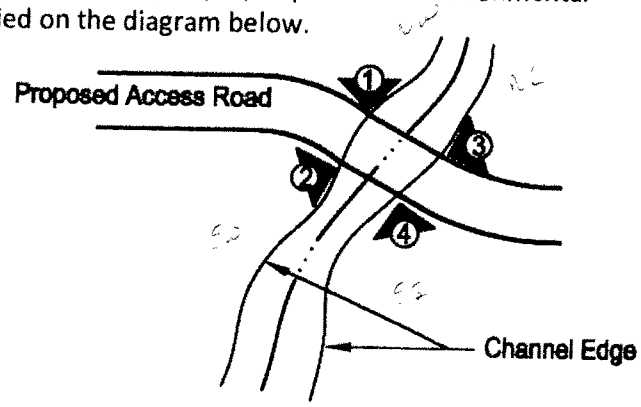
Provide four (4) photographs taken from locations and with orientations indicated below. Label each photo on the diagram below. Provide electronic copies (jpg or pdf) of photos to environmental consultant with labels matching those identified on the diagram below.

Photo 1. SE

Photo 2. NE

Photo 3. SW

Photo 4. NW



DRAFT

7_16-20A

7_16-20B

7_16-21A

7_16-21B

Crossing Name: 7_16-25_26.pdf

Project
B2H TVEC
Channel Crossing Field Documentation Form

Date: 7/16/11 **Name of Recorder:** McClanahan **Crossing Location ID:** 7/16-25 7/16-26

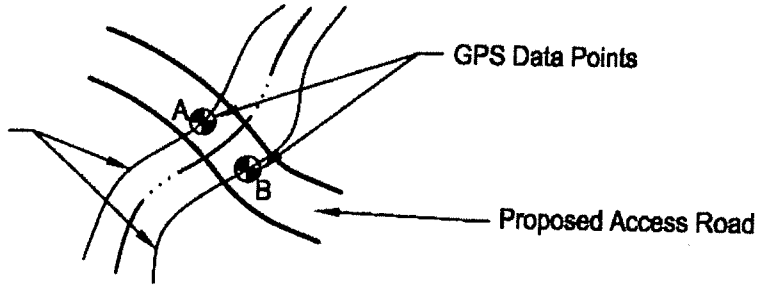
This form may be used to document stream and wash channel conditions at locations proposed for access road crossings. This form is not intended to replace requirements for jurisdictional determination and delineation of waters of the U.S., including wetlands that require a formal delineation procedure.

1. Channel Crossing Location

Identify location on a USGS quad map (or Google Earth topographic or aerial image with latitude and longitude clearly shown) and attach the map to this form. Provide the name of the stream if identified on the map. If a GPS unit is available, provide data points in UTM coordinates for the intersections of the access road centerline with the channel edges as shown in the diagram below (send GPS data points electronically to environmental consultant, labeled as shown below).

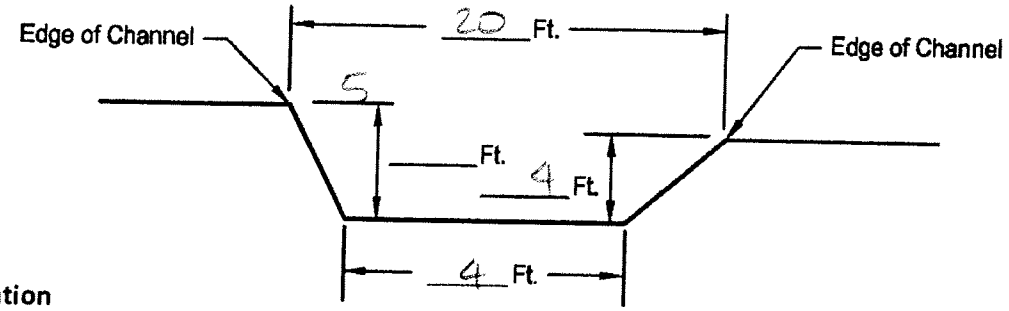
Data Point A. 7/16-25

Data Point B. 7/16-26



2. Channel Cross-section

Identify approximate dimensions (in feet) on the diagram below.



3. Photo Documentation

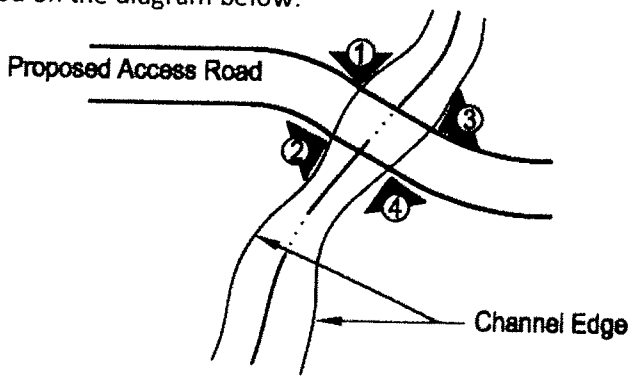
Provide four (4) photographs taken from locations and with orientations indicated below. Label each photo on the diagram below. Provide electronic copies (jpg or pdf) of photos to environmental consultant with labels matching those identified on the diagram below.

Photo 1. NE

Photo 2. NW

Photo 3. SE

Photo 4. SW



DRAFT

7_16-25

7_16-26

Crossing Name: 7_18-14_15.pdf

Project
B2H TVEC
Channel Crossing Field Documentation Form

Date: 7/18/11 **Name of Recorder:** McClanahan **Crossing Location ID:** 7/18-14 7/18-15

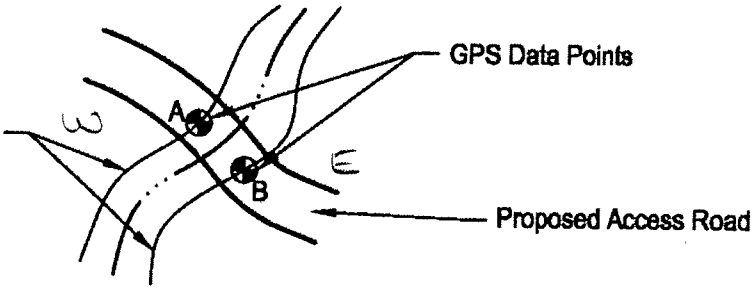
This form may be used to document stream and wash channel conditions at locations proposed for access road crossings. This form is not intended to replace requirements for jurisdictional determination and delineation of waters of the U.S., including wetlands that require a formal delineation procedure.

1. Channel Crossing Location

Identify location on a USGS quad map (or Google Earth topographic or aerial image with latitude and longitude clearly shown) and attach the map to this form. Provide the name of the stream if identified on the map. If a GPS unit is available, provide data points in UTM coordinates for the intersections of the access road centerline with the channel edges as shown in the diagram below (send GPS data points electronically to environmental consultant, labeled as shown below).

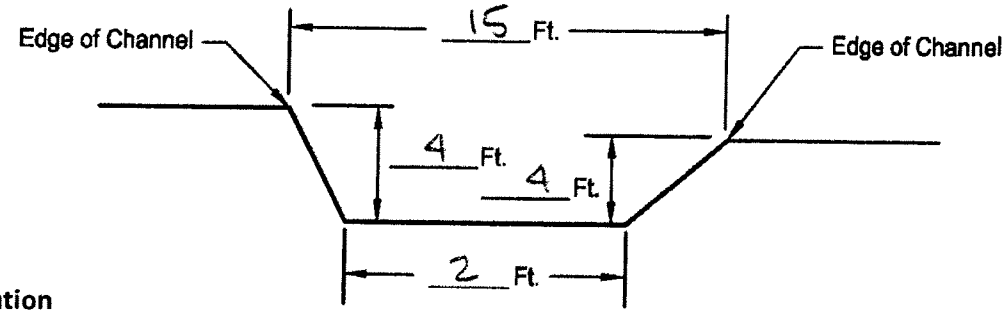
Data Point A. 7/18-15

Data Point B. 7/18-14



2. Channel Cross-section

Identify approximate dimensions (in feet) on the diagram below.



3. Photo Documentation

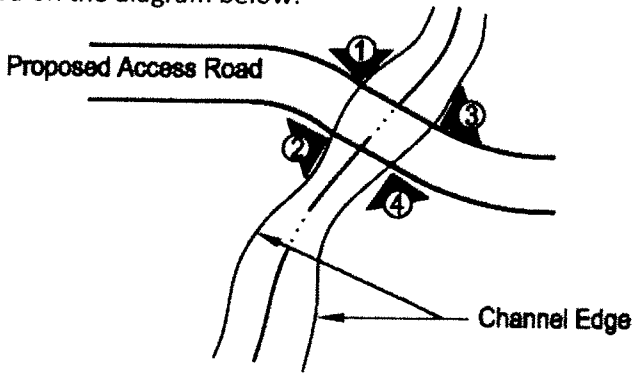
Provide four (4) photographs taken from locations and with orientations indicated below. Label each photo on the diagram below. Provide electronic copies (jpg or pdf) of photos to environmental consultant with labels matching those identified on the diagram below.

Photo 1. 7/18-14A

Photo 2. 7/18-15A

Photo 3. 7/18-14B

Photo 4. 7/18-15B



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7_18-14A

7_18-14B

7_18-15A

7_18-15B

Crossing Name: 7_20-09_10.pdf

Project
B2H TVEC
Channel Crossing Field Documentation Form

Date: 7/20/11 **Name of Recorder:** McClanahan **Crossing Location ID:** 7/20-9 7/20-10

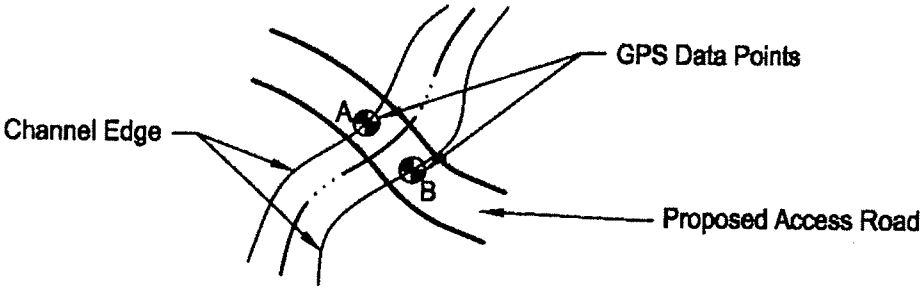
This form may be used to document stream and wash channel conditions at locations proposed for access road crossings. This form is not intended to replace requirements for jurisdictional determination and delineation of waters of the U.S., including wetlands that require a formal delineation procedure.

1. Channel Crossing Location

Identify location on a USGS quad map (or Google Earth topographic or aerial image with latitude and longitude clearly shown) and attach the map to this form. Provide the name of the stream if identified on the map. If a GPS unit is available, provide data points in UTM coordinates for the intersections of the access road centerline with the channel edges as shown in the diagram below (send GPS data points electronically to environmental consultant, labeled as shown below).

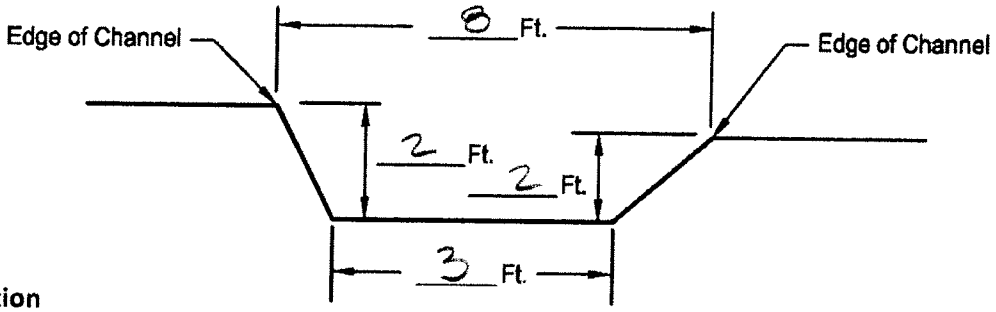
Data Point A. 7/20-9

Data Point B. 7/20-10



2. Channel Cross-section

Identify approximate dimensions (in feet) on the diagram below.



3. Photo Documentation

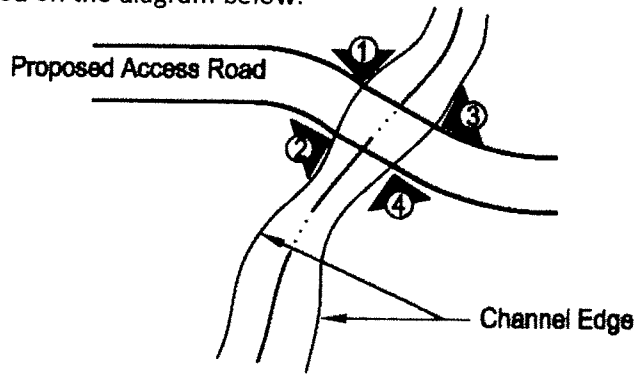
Provide four (4) photographs taken from locations and with orientations indicated below. Label each photo on the diagram below. Provide electronic copies (jpg or pdf) of photos to environmental consultant with labels matching those identified on the diagram below.

Photo 1. 7/20-9A

Photo 2. 7/20-10A

Photo 3. 7/20-9B

Photo 4. 7/20-10B



DRAFT

7_20-9A

7_20-9B

7_20-10A

7_20-10B

Crossing Name: 7_20-14_15.pdf

Project
B2H TVEC
Channel Crossing Field Documentation Form

Date: 7/20/11 **Name of Recorder:** McClarain **Crossing Location ID:** 7/20-14 7/20-15

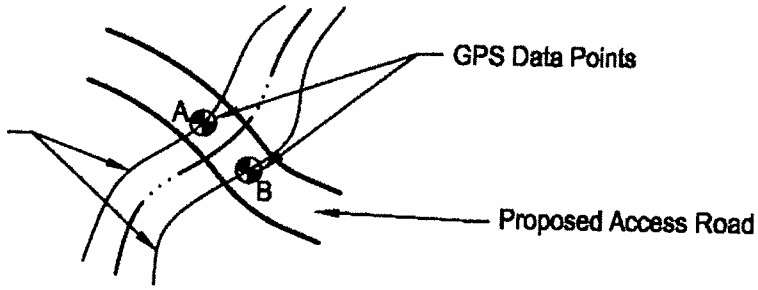
This form may be used to document stream and wash channel conditions at locations proposed for access road crossings. This form is not intended to replace requirements for jurisdictional determination and delineation of waters of the U.S., including wetlands that require a formal delineation procedure.

1. Channel Crossing Location

Identify location on a USGS quad map (or Google Earth topographic or aerial image with latitude and longitude clearly shown) and attach the map to this form. Provide the name of the stream if identified on the map. If a GPS unit is available, provide data points in UTM coordinates for the intersections of the access road centerline with the channel edges as shown in the diagram below (send GPS data points electronically to environmental consultant, labeled as shown below).

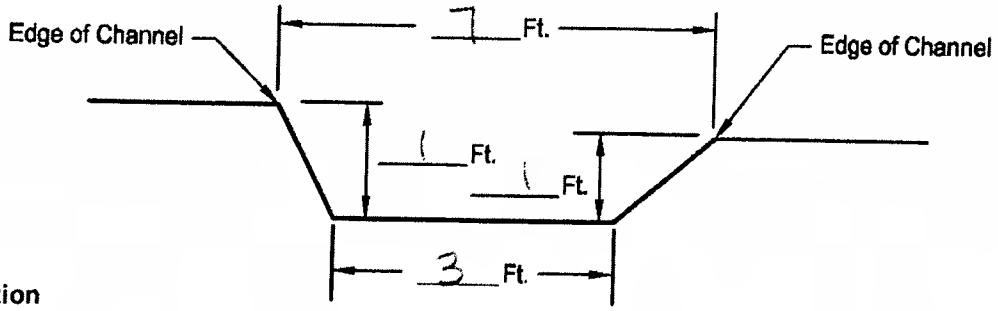
Data Point A. 7/20-14

Data Point B. 7/20-15



2. Channel Cross-section

Identify approximate dimensions (in feet) on the diagram below.



3. Photo Documentation

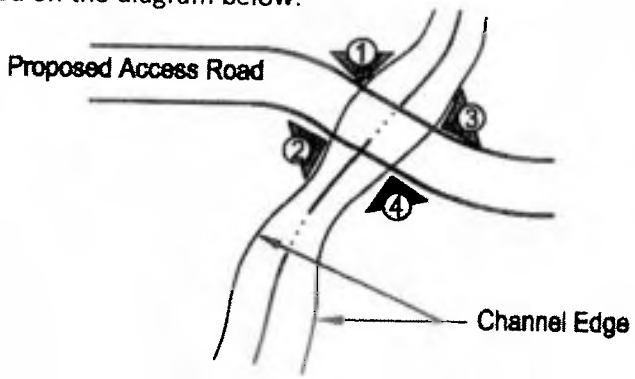
Provide four (4) photographs taken from locations and with orientations indicated below. Label each photo on the diagram below. Provide electronic copies (jpg or pdf) of photos to environmental consultant with labels matching those identified on the diagram below.

Photo 1. 7/20-14A

Photo 2. 7/20-14B

Photo 3. 7/20-15A

Photo 4. 7/20-15B



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7_20-14A

7_20-14B

7_20-15A

7_20-15B

Crossing Name: 7_20-29_30.pdf

Project
B2H TVEC
Channel Crossing Field Documentation Form

Date: 7/20/11 **Name of Recorder:** McClanahan **Crossing Location ID:** 7/20-29 7/20-30

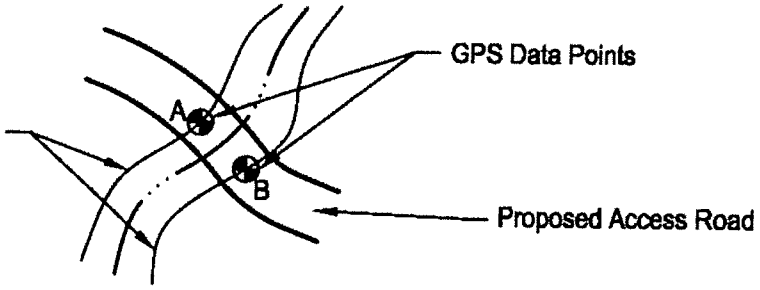
This form may be used to document stream and wash channel conditions at locations proposed for access road crossings. This form is not intended to replace requirements for jurisdictional determination and delineation of waters of the U.S., including wetlands that require a formal delineation procedure.

1. Channel Crossing Location

Identify location on a USGS quad map (or Google Earth topographic or aerial image with latitude and longitude clearly shown) and attach the map to this form. Provide the name of the stream if identified on the map. If a GPS unit is available, provide data points in UTM coordinates for the intersections of the access road centerline with the channel edges as shown in the diagram below (send GPS data points electronically to environmental consultant, labeled as shown below).

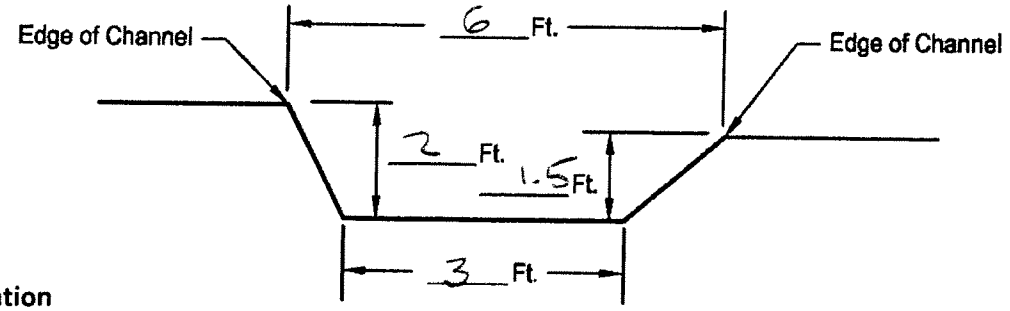
Data Point A. 7/20-29

Data Point B. 7/20-30



2. Channel Cross-section

Identify approximate dimensions (in feet) on the diagram below.



3. Photo Documentation

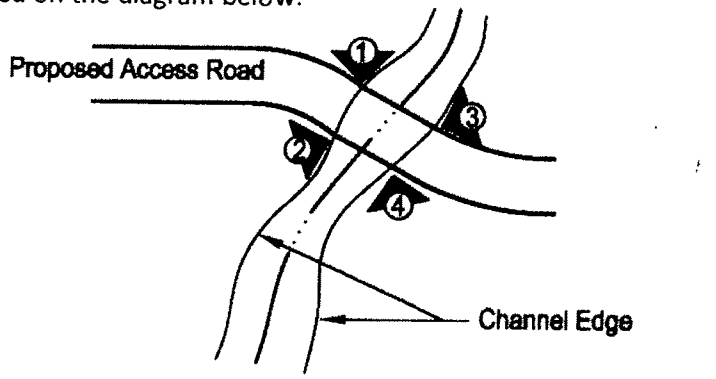
Provide four (4) photographs taken from locations and with orientations indicated below. Label each photo on the diagram below. Provide electronic copies (jpg or pdf) of photos to environmental consultant with labels matching those identified on the diagram below.

Photo 1. 7/20-29A

Photo 2. 7/20-29B

Photo 3. 7/20-30A

Photo 4. no photo



DRAFT

7_20-29A

7_20-29B

7_20-30A

Crossing Name: 7_20-36_37.pdf

Project
B2H TVEC
Channel Crossing Field Documentation Form

Date: 7/20/11 **Name of Recorder:** McClanahan **Crossing Location ID:** 7/20-36 7/20-37

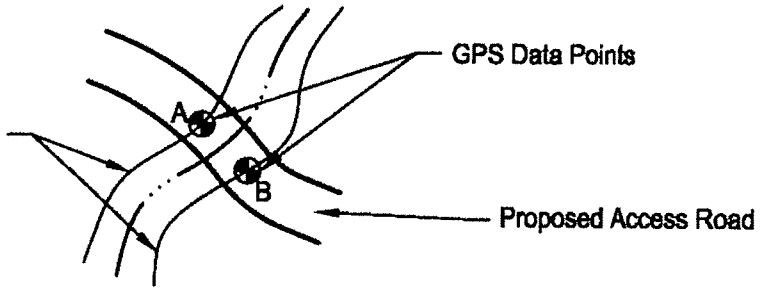
This form may be used to document stream and wash channel conditions at locations proposed for access road crossings. This form is not intended to replace requirements for jurisdictional determination and delineation of waters of the U.S., including wetlands that require a formal delineation procedure.

1. Channel Crossing Location

Identify location on a USGS quad map (or Google Earth topographic or aerial image with latitude and longitude clearly shown) and attach the map to this form. Provide the name of the stream if identified on the map. If a GPS unit is available, provide data points in UTM coordinates for the intersections of the access road centerline with the channel edges as shown in the diagram below (send GPS data points electronically to environmental consultant, labeled as shown below).

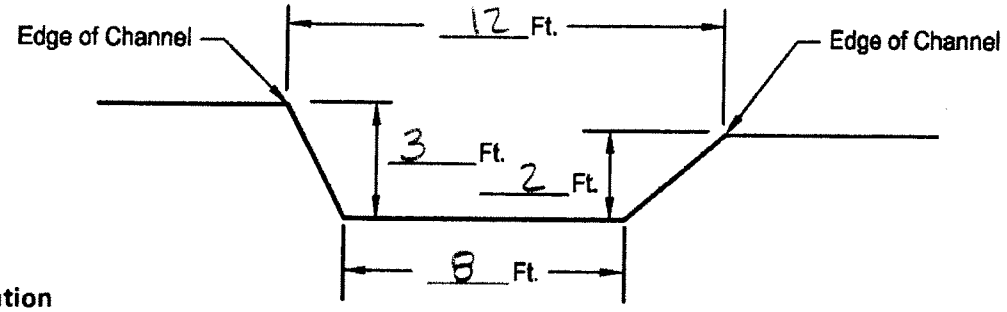
Data Point A. 7/20-36

Data Point B. 7/20-37



2. Channel Cross-section

Identify approximate dimensions (in feet) on the diagram below.



3. Photo Documentation

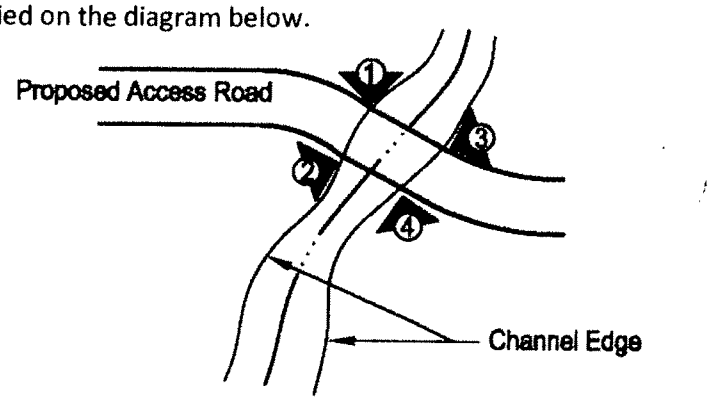
Provide four (4) photographs taken from locations and with orientations indicated below. Label each photo on the diagram below. Provide electronic copies (jpg or pdf) of photos to environmental consultant with labels matching those identified on the diagram below.

Photo 1. 7/20-36A

Photo 2. 7/20-36B

Photo 3. 7/20-37A

Photo 4. 7/20-37B



DRAFT

7_20-36A

7_20-36B

7_20-37A

7_20-37B

Crossing Name: 7_20-6_7.pdf

Project
B2H TVEC
Channel Crossing Field Documentation Form

Date: 7/20/11 **Name of Recorder:** McClanahan **Crossing Location ID:** 7/20-6 7/20-7

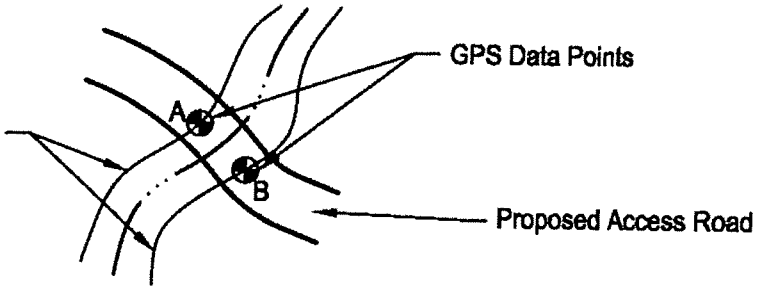
This form may be used to document stream and wash channel conditions at locations proposed for access road crossings. This form is not intended to replace requirements for jurisdictional determination and delineation of waters of the U.S., including wetlands that require a formal delineation procedure.

1. Channel Crossing Location

Identify location on a USGS quad map (or Google Earth topographic or aerial image with latitude and longitude clearly shown) and attach the map to this form. Provide the name of the stream if identified on the map. If a GPS unit is available, provide data points in UTM coordinates for the intersections of the access road centerline with the channel edges as shown in the diagram below (send GPS data points electronically to environmental consultant, labeled as shown below).

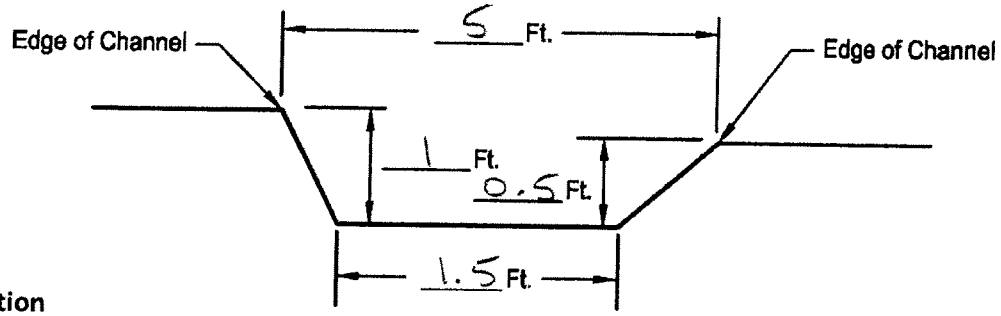
Data Point A. 7/20-6

Data Point B. 7/20-7



2. Channel Cross-section

Identify approximate dimensions (in feet) on the diagram below.



3. Photo Documentation

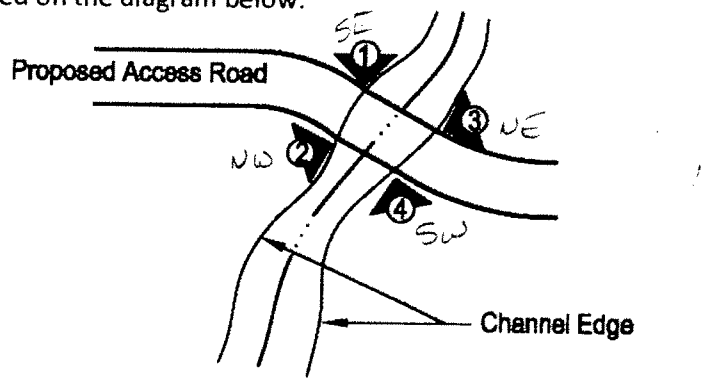
Provide four (4) photographs taken from locations and with orientations indicated below. Label each photo on the diagram below. Provide electronic copies (jpg or pdf) of photos to environmental consultant with labels matching those identified on the diagram below.

Photo 1. 7/20-6A

Photo 2. 7/20-7A

Photo 3. 7/20-6B

Photo 4. 7/20-7B



DRAFT

7_20-6A

7_20-6B

7_20-7A

7_20-7B