

**Western Governors' Wildlife Council**  
**FINAL Wildlife Data Categorization Prepared for WGA WREZ Project**  
**June 2009**

<b>Categorization</b>	<b>ALBERTA</b>
<b>1) High Sensitive</b>	<ul style="list-style-type: none"> <li>- Provincially Environmentally Significant Areas</li> <li>- Native Prairie, larger than 10 km<sup>2</sup> and with 76-100% native prairie</li> <li>- Red Deer River Corridor</li> </ul>
<b>2) Sensitive</b>	<ul style="list-style-type: none"> <li>- Important Bird areas</li> </ul>
<b>3) Insufficient Data</b>	
<b>4) Tribal</b>	
<b>Does not intersect with a QRA</b>	

<b>Categorization</b>	<b>BRITISH COLUMBIA</b>
<b>1) High Sensitive</b>	<ul style="list-style-type: none"> <li>- Wildlife Habitat Areas</li> <li>- Ungulate Winter Range</li> <li>- Endangered Species and Ecosystems - Masked Sensitive Occurrences</li> <li>- Endangered Species and Ecosystems - Non Sensitive Occurrences</li> <li>- Old Growth Management Areas - Legal - Current</li> </ul>
<b>2) Sensitive</b>	<ul style="list-style-type: none"> <li>- Fisheries Sensitive Watersheds</li> <li>- Species Inventory Wildlife Observations - Non Sensitive</li> <li>- BC Community Watersheds</li> <li>- Grasslands data</li> <li>- roadless areas</li> <li>- Pacific salmon Conservation Unit data</li> </ul>
<b>3) Insufficient Data</b>	<ul style="list-style-type: none"> <li>- Known fish observations</li> <li>- Provincial fish ranges - Watersheds</li> <li>- Strategic Land and Resource Plans - Current</li> <li>- Predictive Ecosystem Mapping boundaries</li> <li>- Vegetation Resource Inventory</li> <li>- Legal Planning Objectives - Current - Polygon</li> <li>- Ecosystem Mapping project boundaries</li> </ul>
<b>4) Tribal</b>	
<b>Does not intersect with a QRA</b>	

<b>Categorization</b>	<b>COLORADO</b>
<b>1) High Sensitive</b>	<p><b>CDOW Key Habitats:</b></p> <ul style="list-style-type: none"> <li>- Bighorn Sheep (Production Area)</li> <li>- Cutthroat Trout (Restricted Cutthroat Waters)</li> <li>- Lesser Prairie Chicken (Lek Site)</li> <li>- Lesser Prairie Chicken (production areas)</li> <li>- Plains Sharptail Grouse (Lek Site)</li> <li>- Prebels Meadow Jumping Mouse (Occupied Range)</li> </ul> <p>USFWS critical habitat</p> <p><u><b>DOES NOT INTERSECT QRA:</b></u></p> <ul style="list-style-type: none"> <li>- <i>sage grouse</i></li> <li>- <i>Columbian sharp-tailed grouse</i></li> </ul>

<b>Categorization</b>	<b>COLORADO</b>
	- <i>black footed ferret</i>
<b>2) Sensitive</b>	<p><u>CDOW data:</u></p> <ul style="list-style-type: none"> <li>- Bald Eagle (Communal Roost Site)</li> <li>- Bald Eagle (Roost Site)</li> <li>- Bald Eagle (Winter Concentration Area)</li> <li>- Bighorn Sheep (Winter Concentration Area)</li> <li>- Elk (Migration Corridor)</li> <li>- Elk (Production Area)</li> <li>- Elk (Winter Concentration Area)</li> <li>- Greater Prairie Chicken (Lek Site)</li> <li>- Greater Prairie Chicken (Production Area)</li> <li>- Plains Sharp-tail Grouse (Production Area)</li> <li>- Pronghorn Antelope (Winter Concentration Area)</li> </ul> <p>- Distribution of Sandhill Cranes in the San Luis Valley during Fall and Spring 2006-2007 from Southern Rockies Ecosystem Project (SREP) / Center for Native Ecosystems (CNE) (<a href="http://www.restoretherockies.org/">http://www.restoretherockies.org/</a>)</p> <p><u>DOES NOT INTERSECT QRA:</u></p> <ul style="list-style-type: none"> <li>- Mule Deer (winter concentration area)</li> </ul>
<b>3) Insufficient Data</b>	- Playa Lakes Joint Venture (PLJV) probable playas
<b>4) Tribal</b>	
<b>Does not intersect with a QRA</b>	

<b>Categorization</b>	<b>MONTANA</b>
<b>1) High Sensitive</b>	Analysis conducted by the state; please see the document: "Montana Categorization Final Review 4-6-09.xls"
<b>2) Sensitive</b>	Analysis conducted by the state; please see the document: "Montana Categorization Final Review 4-6-09.xls"
<b>3) Insufficient Data</b>	Analysis conducted by the state; please see the document: "Montana Categorization Final Review 4-6-09.xls"
<b>4) Tribal</b>	Analysis conducted by the state; please see the document: "Montana Categorization Final Review 4-6-09.xls"
<b>Does not intersect with a QRA</b>	

<b>Categorization</b>	<b>NEW MEXICO</b>
<b>1) High Sensitive</b>	<ul style="list-style-type: none"> <li>- NM Bighorn Sheep habitat</li> <li>- bighorn sheep corridors</li> <li>- Data from Natural Heritage New Mexico (natural heritage program)</li> <li>- Lesser Prairie Chicken - 5-mile radius buffered lek locations</li> <li>- WAFWA mule deer - Summer Range (B), Winter Range (D), Winter Concentration (E) and Other Important Habitat (C), in the northwest portion of the state</li> <li>- Audubon Society Important Bird Areas (IBA) - locations which are identified in the attribute table as Accepted</li> </ul>
<b>2) Sensitive</b>	<ul style="list-style-type: none"> <li>- burrowing owls</li> <li>- elk</li> <li>- golden eagle nests</li> <li>- leopard frogs</li> </ul>

Categorization	NEW MEXICO
	<ul style="list-style-type: none"> <li>- Long-billed Curlew</li> <li>- mule deer</li> <li>- pronghorn</li> <li>- Audubon Society Important Bird Areas (IBA) - those identified as Proposed</li> <li>- WAFWA mule deer - Other Important Habitat (C) in the remainder of the state</li> </ul> <p><u>DOES NOT INTERSECT QRA:</u></p> <ul style="list-style-type: none"> <li>- black tailed prairie dog</li> <li>- marmots</li> </ul>
3) Insufficient Data	
4) Tribal	
Does not intersect with a QRA	<ul style="list-style-type: none"> <li>- marmots</li> <li>- black tailed prairie dogs</li> <li>- Playa Lakes Joint Venture (PLJV) Lesser Prairie-Chicken Core Habitat</li> <li>- Playa Lakes Joint Venture (PLJV) Lesser Prairie-Chicken Core Buffer Habitat</li> <li>- NHNMDistinctPolys.shp - Lesser Prairie-Chicken data (elcode = ABNLC13020)</li> <li>- WAFWA summer range - class B</li> <li>- WAFWA Winter Range - class D</li> <li>- WAFWA Other Important Habitat (C), in the northwest portion of the state</li> </ul>

Categorization	OREGON
1) High Sensitive	<ul style="list-style-type: none"> <li>- Element Occurrences for G1, G2, Threatened and Endangered species occurrences that are mapped with high mapping accuracy</li> <li>- Sage Grouse</li> <li>- state-wide linkages with Linkage Value rated 4 or 5. (Includes highlighted road segments with 500 foot buffer) <ul style="list-style-type: none"> <li>4 = linkage provides significant connectivity benefit for the focal species, and few alternatives can be identified to meet the needs of this species;</li> <li>5 = "critical value": linkage provides critical connectivity benefit for the focal species; may provide known individual and/or population level connectivity for this species</li> </ul> </li> <li>- Conservation Opportunity Areas from the Oregon Conservation Strategy</li> <li>- USFWS critical habitat</li> </ul>
2) Sensitive	<ul style="list-style-type: none"> <li>- state-wide linkages with Linkage Value rated 2 or 3 (Includes highlighted road segments with 500 foot buffer) <ul style="list-style-type: none"> <li>2 = the linkage provides some connectivity benefit for the focal species, but there are some known alternatives to meet the needs of this species;</li> <li>3 = "medium value": linkage provides significant connectivity benefit for the focal species, but other alternatives can be identified to meet the needs of this species</li> </ul> </li> <li>- eagle nests</li> <li>- peregrine falcons</li> <li>- GB Heron</li> <li>- Golden Eagle</li> <li>- Osprey</li> <li>- bighorn sheep</li> <li>- mule deer (winter range)</li> <li>- elk (winter range)</li> <li>- wetland data for Eastern Oregon</li> <li>- BLM sage grouse data (potential linkages)</li> </ul>

<b>Categorization</b>	<b>OREGON</b>
	<p><u>DOES NOT INTERSECT QRA:</u></p> <ul style="list-style-type: none"> <li>- eagle_nestsUTM11.shp</li> <li>- peregrine_utm11_2007.shp</li> </ul> <p><u>PROJECTION ERRORS - CANNOT USE IN CURRENT ANALYSES:</u></p> <ul style="list-style-type: none"> <li>- Audubon Society Important Bird Areas (IBA)</li> </ul>
<b>3) Insufficient Data</b>	<ul style="list-style-type: none"> <li>- Pygmy rabbits: found throughout Harney and Lake Counties, Oregon. We don't currently have a GIS shapefile but would like to recommend ground surveys for projects that might be sited in these counties. Please list as appropriate; for example, under "Insufficient data" category.</li> <li>- Columbia Plateau area: concern with mountain goats; avoid placing turbines in canyons; avoid transmission impacts March – July</li> <li>- Pronghorn: Found in all canyons in Southeastern Oregon. Fawn May 15 – June 15 so avoid impacts during this time frame.</li> <li>- Bear and cougar: found throughout the state of Oregon. No mountain goat data is currently available</li> </ul>
<b>4) Tribal</b>	
<b>Does not intersect with a QRA</b>	eagle_nestsUTM11.shp peregrine_utm11_2007.shp

<b>Categorization</b>	<b>UTAH</b>
<b>1) High Sensitive</b>	<ul style="list-style-type: none"> <li>- Sage-grouse</li> <li>- Sharp-tailed grouse</li> <li>- vertebrate animal species with federal status or Conservation Agreement (Tier I species populations-masked data)</li> <li>- BLM sage grouse</li> </ul> <p><u>does not intersect a QRA:</u></p> <ul style="list-style-type: none"> <li>- Invertebrate species with federal status or Conservation Agreement (Invertebrates_TierI.shp)</li> <li>- Plant species with federal status or Conservation Agreement (masked data)</li> <li>- white-tailed prairie dog</li> <li>- Great Salt Lake and surrounding wetlands</li> <li>- Washington County Habitat Conservation Plan for desert tortoise</li> <li>- USFWS critical habitat</li> </ul>
<b>2) Sensitive</b>	<ul style="list-style-type: none"> <li>- Black bear</li> <li>- Elk</li> <li>- Mule deer</li> <li>- Pronghorn</li> <li>- Wildlife Action Plan Conservation Action Areas</li> <li>- Animal species that are Utah Species of Concern status</li> <li>- Audubon Society Important Bird Areas (IBA)</li> </ul> <p><u>DOES NOT INTERSECT A QRA:</u></p> <ul style="list-style-type: none"> <li>- Bison</li> <li>- Desert bighorn</li> <li>- Moose</li> <li>- Mountain goat</li> <li>- Rocky mountain bighorn</li> <li>- Bear_River_Bay_IBA</li> <li>- Clear_Lake_IBA, ClearLakeEdited</li> <li>- Cutler_Marsh_state_IBA</li> <li>- CutlerIBAPacifiCorpOwnership, CutlerIBAPacifiCorpOwnershipEdited</li> </ul>

Categorization	UTAH
	<ul style="list-style-type: none"> <li>- DLL_border</li> <li>- Farmington_Bay_IBA</li> <li>- Fish_Springs2_IBA, Fish_Springs_IBA</li> <li>- remont iba</li> <li>- Gilbert_Bay2_IBA, Gilbert_Bay3_IBA</li> <li>- goshenbnd</li> <li>- GSLIsland, gslsurveysites_all2001</li> <li>- GunnisonBay_new_IBA, GunnisonBay_newest_IBA</li> <li>- Lytle Ranch</li> <li>- MiddleProvoEdited</li> <li>- Zion_IBA, Zion_NP</li> </ul>
<b>3) Insufficient Data</b>	<ul style="list-style-type: none"> <li>- Conservation Focus Areas – Riparian, Forest, Wetland, Rangelands (WAP_FocusAreas_20080324_1.gdb: Forest_20080324 Rangeland_20080324 Riparian_20080324 Wetlands_20080324)</li> </ul>
<b>4) Tribal</b>	
<b>Does not intersect with a QRA</b>	<ul style="list-style-type: none"> <li>- bison crucial habitat</li> <li>- desert bighorn crucial habitat</li> <li>- Invertebrates_Tier1.shp</li> <li>- moose crucial habitat</li> <li>- mountain goat crucial habitat</li> <li>- RM Bighorn crucial habitat</li> <li>- Vascular Plants with Federal Status</li> <li>- white tailed Prairie Dog</li> <li>- Great Salt Lake and surrounding wetlands</li> <li>- DWR Conservation Easements</li> <li>- Washington County Habitat Conservation Plan for desert tortoise</li> </ul>

Categorization	WASHINGTON
<b>1) High Sensitive</b>	<ul style="list-style-type: none"> <li>- spotted owl (Territorial sites)</li> <li>- anadromous and resident fish distribution for Bull trout / Dolly Varden</li> <li>- spotted owl sites and associated management buffers</li> <li>- documented priority habitat sites</li> <li>- occurrences of priority habitats and species with: (a) comname Eastside-steppe; herbaceous balds; inland dunes; juniper savannah; Oakwoodlands, Westside prairie, or (b) Federal_status_code or State_status_code = E&amp;T, or (c) PHS_criteria = 2</li> <li>- Salmonid Stock Inventory with: (a) ESA_description = E,T&amp;C, or (b) Stat_description = Critical</li> <li>- WSDM_SGCN geodatabase, feature set OccurPoint_E_T_SGCN with Federal_status or state_status = E&amp;T</li> <li>- WSDM_SGCN geodatabase, feature set OccurPolygon_E_T_SGCN with Federal_status or state_status = E&amp;T</li> <li>- DNR Heritage Plants and Associations species with G1,G2, or Fed E &amp; T (must have High or medium mapping accuracy coded. Not historical or extirpated)</li> <li>- DNR - Dunes (current only)</li> <li>- Biodiversity Conservation Opportunity Framework with Ecoregions hex based and and cons_significance = 3 (Columbia Plateau, WPG)</li> <li>- USFWS Critical habitat</li> </ul> <p><b><i>DO NOT INTERSECT WITH QRA:</i></b></p>

Categorization	WASHINGTON
	<ul style="list-style-type: none"> <li>- Bald eagles (Roosts)</li> <li>- intertidal spawning habitat for Pacific sand lance (<i>Ammodytes hexapterus</i>)</li> <li>- intertidal spawning habitat for surf smelt (<i>Hypomesus pretiosus</i>)</li> <li>- Survey locations of spawning habitat for Pacific sand lance and surf smelt (documented presence)</li> <li>- Presence for intertidal spawning habitat for Pacific sand lance and surf smelt (documented presence)</li> <li>- Pacific herring (<i>Culpa harengus</i>) adult holding areas</li> <li>- Pacific herring (<i>culpa harengus pallasii</i>) spawning areas</li> <li>- breeding seabirds</li> <li>- Murrelet</li> <li>- DNR - Grassland/Prairie</li> <li>- DNR - Palouse Prairie, Good condition</li> <li>- BLM Sage grouse currently occupied habitat</li> </ul>
<b>2) Sensitive</b>	<ul style="list-style-type: none"> <li>- Bald eagles (Nests)</li> <li>- anadromous and resident fish distribution with PHS_priority_ind = Y</li> <li>- occurrences of priority habitats and species comname: (a) all other Habitats, or (b) Federal_status_code or State_status_code = Non-E&amp;T</li> <li>- Salmonid Stock Inventory with Stat_description = Depressed, healthy, unknown, or (b) Stat_description – Active index and Extinct, - (-1)</li> <li>- WSDM_SGCN geodatabase, feature set OccurPoint_E_T_SGCN with Federal_status or state_status = Non-E&amp;T</li> <li>- WSDM_SGCN geodatabase, feature set OccurPolygon_E_T_SGCN with Federal_status or state_status = Non-E&amp;T</li> <li>- DNR Heritage Plants species with Other species with Heritage plans priorities = 1,2,3 (must have high or medium mapping accuracy. Not historical or extirpated)</li> <li>- DNR Heritage plant associations with S1 &amp; S2 (must have high or medium mapping accuracy. Not historical or extirpated)</li> <li>- Biodiversity Conservation Opportunity Framework with Ecoregions HUC based and Cons_significance = 3 (East Cascades, West Cascades)</li> <li>- WAFWA mule deer - Classes c, d, e</li> <li>- Audubon Society Important Bird Areas (IBA)</li> </ul> <p><u>DO NOT INTERSECT WITH QRA:</u></p> <ul style="list-style-type: none"> <li>- Seal and sea lion haulout sites.</li> <li>- rocksole (<i>Lepidopsetta bilineata</i>) spawning areas</li> </ul>
<b>3) Insufficient Data</b>	<ul style="list-style-type: none"> <li>- spotted owls (Historic sites)</li> <li>- spotted owls (non-territorial sites)</li> <li>- spotted owls (sites and associated management buffers)</li> <li>- DNR Heritage Plants and Associations species - low mapping accuracy &amp; Not extirpated</li> <li>- Biodiversity Conservation Opportunity Framework - all ecoregions with Cons_significance = 2 (Columbia Plateau, East Cascades, West Cascades, WPG)</li> <li>- TNC portfolios</li> <li>- ecosystems of concern</li> </ul> <p><u>DO NOT INTERSECT QRA:</u></p> <ul style="list-style-type: none"> <li>- shellfish include abalone (generalized to the township level), hardshell clam, subtidal clam, dungeness crab, geoduck clam, manila clam, native oysters, pacific oyster, razor clam, pandalid shrimp, and red urchin.</li> <li>- Murrelet</li> <li>- North_Cascades_opportunity_areas</li> </ul>

Categorization	WASHINGTON
	<ul style="list-style-type: none"> <li>- <i>Okanagan_opportunity_areas</i></li> <li>- <i>PNW_Coast_opportunity_areas</i></li> </ul>
<b>4) Tribal</b>	
<b>Does not intersect with a QRA</b>	<ul style="list-style-type: none"> <li>- Bald eagles (Roosts)</li> <li>- intertidal spawning habitat for Pacific sand lance (<i>Ammodytes hexapterus</i>)</li> <li>- intertidal spawning habitat for surf smelt (<i>Hypomesus pretiosus</i>)</li> <li>- Survey locations of spawning habitat for Pacific sand lance and surf smelt (documented presence)</li> <li>- Presence for intertidal spawning habitat for Pacific sand lance and surf smelt (documented presence)</li> <li>- Pacific herring (<i>Culpa harengus</i>) adult holding areas</li> <li>- Pacific herring (<i>culpa harengus pallasi</i>) spawning areas</li> <li>- breeding seabirds</li> <li>- Murrelet</li> <li>- DNR - Grassland/Prairie</li> <li>- DNR - Palouse Prairie, Good condition</li> <li>- BLM Sage grouse currently occupied habitat</li> <li>- Seal and sea lion haulout sites.</li> <li>- rocksole (<i>Lepidopsetta bilineata</i>) spawning areas</li> <li>- shellfish include abalone (generalized to the township level), hardshell clam, subtidal clam, dungeness crab, geoduck clam, manila clam, native oysters, pacific oyster, razor clam, pandalid shrimp, and red urchin.</li> <li>- Murrelet</li> <li>- <i>North_Cascades_opportunity_areas</i></li> <li>- <i>Okanagan_opportunity_areas</i></li> <li>- <i>PNW_Coast_opportunity_areas</i></li> </ul>