

## APPENDIX 11—WYOMING STATE SPECIES OF CONCERN

Table A11-1. Wyoming State Plant Species of Concern

Common Name	Scientific Name	Habitat	Conservation Priority
Meadow Pussytoes	<i>Antennaria arcuata</i>	Moist, hummocky meadows, seeps or springs surrounded by sage/grasslands	High
Hayden's Milkvetch	<i>Astragalus bisulcatus</i> , <i>var. haydenianus</i>	Clay or sandy soils on rims, upper slopes, and draws associated with sandstone rock outcrops or springs	Low
Nelson's Milkvetch	<i>Astragalus nelsonianus</i>	Alkaline clay flats, shale bluffs and gullies, pebbly slopes, and volcanic cinders in sparsely vegetated sagebrush, juniper, and cushion plant communities	Medium
Payson's Tansymustard	<i>Descurainia pinnata</i> , <i>var. paysonii</i>	Sandy flats and stabilized dunes with shrub cover	Medium
Divergent Wild Buckwheat	<i>Eriogonum divaricatum</i>	Barren or semibarren clay, shale, or sandstone slopes in cushion plant-bunchgrass communities or on the fringes of sagebrush grasslands	Low
Large-fruited Bladderpod	<i>Lesquerella macrocarpa</i>	Gypsum-clay hills and benches, clay flats, and barren hills	High
Rufous-spine Prickly-pear	<i>Opuntia polyacantha</i> <i>var. rufispina</i>	Sagebrush grasslands, salt desert shrublands and vegetated sand dunes on slopes and buttes	Low
Red Poverty-weed	<i>Monolepis pusilla</i>	Not available	Low
Tree-like Xythea	<i>Oxythea dendroidea</i>	Desert hills and sandy roadsides	Low
Intermountain Phacelia	<i>Phacelia demissa</i>	Not available	Medium
Nelson's Phacelia	<i>Phacelia salina</i>	Alkaline flats and clay slopes	Medium
Wyoming Natural Diversity Database.			

**Table A11-2. Wyoming State Mammal Species of Concern  
Potential Occurrence by County**

<b>Common Name</b>	<b>Scientific Name</b>	<b>Habitat</b>	<b>County</b>
Dwarf shrew	<i>Sorex nanus</i>	Rock fields, prairies, and high elevation forests	Sweetwater
Long-eared myotis	<i>Myotis evotis</i>	Coniferous forests	Fremont, Sublette, Sweetwater
Fringed myotis	<i>Myotis thysanodes</i>	Elevations less than 7,500 feet in forests and shrublands	Fremont, Sublette, Sweetwater
Yuma myotis	<i>Myotis yumanensis</i>	Caves, mines, buildings, underside of bridges	Sweetwater
Hoary bat	<i>Lasiurus cinereus</i>	Near clearings of deciduous trees	Fremont, Sublette, Sweetwater
Spotted bat	<i>Euderma maculatum</i>	Desert and coniferous habitats	Fremont, Sweetwater
Townsend's big-eared bat	<i>Corynorhinus townsendii</i>	Coniferous forest; desert shrubland	Fremont, Sweetwater
Pallid bat	<i>Antrozous pallidus</i>	Desert shrubs; grassland basins and plains	Fremont, Sweetwater
Pygmy rabbit	<i>Brachylagus idahoensis</i>	Big, dense sagebrush	Fremont(?), Sublette, Sweetwater
White-tailed prairie dog	<i>Cynomys leucurus</i>	Plains	Fremont, Sublette, Sweetwater
Wyoming pocket gopher	<i>Thomomys clusius</i>	Dry ridgetops; gravelly, loose soil; greasewood	Sweetwater
Idaho pocket gopher	<i>Thomomys idahoensis</i>	Stony, shallow soil	Sublette
Great Basin pocket mouse	<i>Perognathus parvus</i>	Low basin shrub grasslands; grassy woodland clearings	Sweetwater
Water vole	<i>Microtus richardsoni</i>	High-elevation, slow-moving streams with overhanging banks	Fremont, Sublette
Swift fox	<i>Vulpes velox</i>	Shortgrass prairie	Fremont(?), Sweetwater
Fertig, W. and G. Beauvais. 1999. Wyoming Plant and Animal Species of Special Concern. Wyoming Natural Diversity Database. Laramie, Wyoming. Unpublished report.			

**Table A11-3. Wyoming State Avian Species of Concern  
Potential Occurrence by County**

Common Name	Scientific Name	Habitat	County
American bittern	<i>Botaurus lentiginosus</i>	Dense marsh	Fremont, Sweetwater
White-faced ibis	<i>Plegadis chihi</i>	Marshes, wet meadows	Sweetwater
Ring-necked duck	<i>Aythya collaris</i>	Marshes, lakes, and ponds	Fremont, Sublette
Bald eagle	<i>Haliaeetus leucocephalus</i>	Rivers, lakes, marshes, wetlands	Fremont, Sublette, Sweetwater
Merlin	<i>Falco columbarius</i>	Open country, sand dunes, marshes, steppes, and deserts	Fremont, Sublette, Sweetwater
American peregrine falcon	<i>Falco peregrinus anatum</i>	Mountains, grassland, desert	Fremont, Sublette, Sweetwater
Whooping crane	<i>Grus Americana</i>	Salt flats and marshes, flooded crop fields, artificial ponds, reservoirs, and rivers	Fremont, Sublette, Sweetwater
Mountain plover	<i>Charadrius montanus</i>	High, dry, short-grass plains/prairies; sagebrush grasslands	Fremont, Sublette, Sweetwater
Upland sandpiper	<i>Bartramia longicauda</i>	Grasslands	Sweetwater
Long-billed curlew	<i>Numenius americanus</i>	Short-grass prairies, mixed-grass and scrub prairies	Fremont, Sublette, Sweetwater
Wilson's phalarope	<i>Phalaropus tricolor</i>	Marshes, wet meadows, shallow lakes, rivers	Fremont, Sublette, Sweetwater
Black-billed cuckoo	<i>Coccyzus erythrophthalmus</i>	Deciduous woodlands	Fremont
Yellow-billed cuckoo	<i>Coccyzus americanus</i>	Streamside deciduous woodland with low scrubby vegetation; cottonwood stands and willow thickets	Sweetwater
Short-eared owl	<i>Asio flammeus</i>	Grasslands, prairie, agricultural fields, salt marshes, mountain meadows	Fremont, Sublette, Sweetwater
Burrowing owl	<i>Athene cunicularia</i>	Open, dry grasslands, agricultural fields and rangelands, desert	Fremont, Sublette, Sweetwater
Black-chinned hummingbird	<i>Archilochus alexandri</i>	Canyon or floodplain riparian	Sweetwater
Rufous hummingbird	<i>Selasphorus rufus</i>	Open arid scrub, brushy slopes, desert vegetation	Sublette, Sweetwater
Calliope hummingbird	<i>Stellula calliope</i>	High mountain near streams or lakes	Sublette, Sweetwater
Williamson's sapsucker	<i>Sphyrapicus thyroideus</i>	Coniferous or mixed deciduous/coniferous forests	Fremont, Sublette
Cassin's kingbird	<i>Tyrannus vociferans</i>	Open country with scattered trees	Fremont
Western scrub-jay	<i>Aphelocoma californica</i>	Mesquite, scrub oak, pinyon pine, juniper, and thick low brush	Sweetwater
Bushtit	<i>Psaltriparus minimus</i>	Open deciduous and mixed woodlands	Sweetwater
Golden-crowned kinglet	<i>Regulus satrapa</i>	Open deciduous and mixed woodlands	Sublette, Sweetwater
Virginia's warbler	<i>Vermivora virginiae</i>	Mountain slopes of dense-growth aspen, pine, oak	Sweetwater

**Table A11-3. Wyoming State Avian Species of Concern  
Potential Occurrence by County (Continued)**

Common Name	Scientific Name	Habitat	County
Black-throated gray warbler	<i>Dendroica nigrescens</i>	Semiarid woodlands; dry, open forest	Fremont, Sweetwater
Sage sparrow	<i>Amphispiza belli</i>	Basin-prairie shrub, mountain-foothill shrub	Fremont, Sublette, Sweetwater
Brewer's sparrow	<i>Spizella breweri</i>	Basin-prairie shrub	Fremont, Sublette, Sweetwater
McCown's longspur	<i>Calcarius mccownii</i>	Short-grass prairie; arid plains	Fremont, Sweetwater
Scott's oriole	<i>Icterus parisorum</i>	Desert grassland prairies	Sweetwater
White-winged crossbill	<i>Loxia leucoptera</i>	Coniferous and mixed forests	Fremont

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**Table A11-4. Wyoming State Fish and Amphibian Species of Concern  
Potential Occurrence by County**

Common Name	Scientific Name	Habitat	County
<b>Fish</b>			
Bluehead sucker	<i>Catostomus discobolus</i>	CO River drainage, from headwaters streams to river. Prefers moderate to high water velocity and rock substrate	Sublette, Sweetwater
Flannelmouth sucker	<i>Catostomus latipinnis</i>	CO River drainage; deep pools of slow-flowing, low-gradient reaches	Sublette, Sweetwater
Colorado River cutthroat trout	<i>Oncorhynchus clarki pleuriticus</i>	Clean, cool mountain streams of moderate gradient	Sublette, Sweetwater
<b>Amphibians</b>			
Boreal western toad	<i>Bufo boreas boreas</i>	Water sources in subalpine and alpine areas	Fremont, Sublette, Sweetwater
Northern leopard frog	<i>Rana pipiens</i>	Shallow ponds and vegetated coves of lakes	Fremont, Sublette, Sweetwater
Columbia spotted frog	<i>Rana luteiventris</i>	Lakes, ponds, slow streams, marshes	Fremont, Sublette

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