

APPENDIX M – HIGHLIGHT SPECIES

The following table lists San Juan Public Lands Highlight Species for plants, aquatic and terrestrial species. These species are known to occur on SJPL or have habitat on SJPL.

Table M.1 - Highlight Plant Species

Highlight Plant Species
<i>Acarospora nodulosa</i> var. <i>nodulosa</i>
<i>Adiantum capillus-veneris</i>
<i>Aralia racemosa</i>
<i>Artemisia pygmaea</i>
<i>Astragalus deterior</i>
<i>Astragalus iodopetalus</i>
<i>Astragalus missouriensis</i> var. <i>humistratus</i>
<i>Astragalus naturitensis</i>
<i>Astragalus proximus</i>
<i>Botrychium multifidum</i>
<i>Carex diandra</i>
<i>Carex oreocharis</i>
<i>Carex viridula</i>
<i>Cryptogramma stelleri</i>
<i>Cypripedium parviflorum</i>
<i>Cryptantha gypsophila</i>
<i>Cystopteris montana</i>
<i>Draba borealis</i>
<i>Draba crassa</i>
<i>Draba graminea</i>
<i>Draba porsildii</i>
<i>Draba rectifruca</i>
<i>Draba smithii</i>
<i>Draba streptobrachia</i>
<i>Drosera anglica</i>
<i>Enneapogon desvauxii</i>
<i>Epipactis gigantea</i>
<i>Erigeron kachinensis</i>
<i>Eriophorum altaicum</i> var. <i>neogaeum</i>
<i>Festuca arizonica</i>
<i>Gaura neomexicana</i> ssp. <i>neomexicana</i>
<i>Gilia haydenii</i>
<i>Gilia sedifolia</i>
<i>Gypsoplaca macrophylla</i>
<i>Hackelia gracilentia</i>
<i>Ipomopsis polyantha</i>
<i>Lecanora gypsicola</i>
<i>Lesquerella pruinosa</i>
<i>Machaeranthera coloradoensis</i>
<i>Mimulus eastwoodiae</i>
<i>Parnassia kotzebuei</i>
<i>Pediomelum aromaticum</i>
<i>Penstemon breviculus</i>
<i>Physaria pulvinata</i>
<i>Salix arizonica</i>
<i>Sporobolus nealleyi</i>
<i>Townsendia glabella</i>
<i>Townsendia rothrockii</i>
<i>Triteleia grandiflora</i>
<i>Utricularia minor</i>

Table M.2 - Highlight Aquatic Species

Species
Bluehead sucker (<i>Catostomus discobolus</i>)
Brook trout (<i>Salvelinus fontinalis</i>)
Brown trout (<i>Salmo trutta</i>)
Colorado River cutthroat trout (<i>Oncorhynchus clarki pleuriticus</i>)
Cutthroat trout (<i>Oncorhynchus clarki</i> spp.)
Flannelmouth sucker (<i>Catostomus latipinis</i>)
Rainbow trout (<i>Oncorhynchus mykiss</i>)
Roundtail chub (<i>Gila robusta</i>)

Table M.3 - Highlight Terrestrial Wildlife Species

Species	Source/Rank	Habitat
Insects		
Nokomis fritillary (<i>Speyeria nokomis nokomis</i>)	NatureServe G3 T1, FS Sensitive	Riparian springs and seeps
Yuma skipper (<i>Ochlodes yuma</i>)	NatureServe S2	Desert seeps and along streams with stands of foodplant.
Birds		
American peregrine falcon (<i>Falco peregrinus anatum</i>)	NatureServe G4 T3, FS and BLM Sensitive, BCC, Recently delisted, State special concern	PJ, Ponderosa pine, Cliff rock
American bald eagle (<i>Haliaeetus leucocephalus</i>)	NatureServe S1, FS and BLM Sensitive, BCC, Recently delisted, State special concern	River, reservoir, and stream habitat
Black swift (<i>Cypseloides niger</i>)	BCC, FS Sensitive	Riparian, Cliff rock
Columbian (mountain) sharp-tailed grouse (<i>Tympanuchus phasianellus columbianus</i>)	NatureServe G4 T3, State game sps., State special concern.	Mountain shrublands
Gunnison sage grouse (<i>Centrocercus minimus</i>)	NatureServe G1, FS and BLM Sensitive, BCC, State special concern	Sagebrush shrublands
Golden eagle (<i>Aquila chrysaetos</i>)	BCC	PJ, Sagebrush shrublands, Grasslands, Agricultural, Cliff rock
Northern goshawk (<i>Accipiter gentiles</i>)	FS and BLM Sensitive	Aspen, Ponderosa pine, Mixed conifer
Northern harrier (<i>Circus cyaneus</i>)	BCC, FS Sensitive	Riparian, Sagebrush shrublands, Wetlands, Grasslands, Agricultural
Olive-sided flycatcher (<i>Contopus borealis</i>)	FS Sensitive	Riparian, Mixed conifer, Spruce fir
Western yellow-billed cuckoo (<i>Coccyzus americanus</i>)	Fed Candidate, FS and BLM Sensitive, BCC, State special concern	Riparian, gallery cottonwoods with dense willow understory.
White-tailed ptarmigan (<i>Lagopus leucurus</i>)	FS Sensitive, State game sps.	Alpine tundra and sub-alpine riparian.
Mammals		
Abert's squirrel (<i>Sciurus aberti</i>)	State game sps., MIS	Ponderosa pine
Botta's pocket gopher (<i>Thomomys bottae</i>)	NatureServe G5 T3, State special concern	PJ, Agricultural, Mountain shrublands, Semi-desert shrublands, Ponderosa pine, Open mixed conifer, Open parklands
Elk (<i>Cervus elaphus</i>)	State game sps., MIS	Most terrestrial habitats, low elevation winter range
Gunnison's prairie dog (<i>Cynomys gunnisoni</i>)	FS Sensitive, State game sps.	Grasslands, Mountain shrublands, Sagebrush shrublands, Semi-desert shrublands

Species	Source/Rank	Habitat
Mule deer (<i>Odocoileus hemionus</i>)	State game sps.	Most terrestrial habitats, low elevation winter range
River otter (<i>Lutra Canadensis</i>)	State Threatened, FS Sensitive	Large water courses with fish
Amphibian Group		
Canyon treefrog (<i>Hyla arenicolor</i>)	NatureServe S2 N5	Riparian, Wetlands
Northern leopard frog (<i>Rana pipiens</i>)	FS Sensitive, State special concern	Riparian, wetlands
Western toad (<i>Bufo boreas</i>)	NatureServe G4 T1Q, FS Sensitive, State Endangered	Spruce fir, Alpine meadows, Riparian, Wetlands
Pinyon- Juniper Group		
Gray vireo (<i>Vireo vicinior</i>)	BCC, NatureServe S2 N4B	PJ
Pinyon jay (<i>Gymnorhinus cyanocephalus</i>)	BCC	PJ
Bighorn Group		
Rocky mountain bighorn sheep (<i>Ovis Canadensis</i>)	State game sps., FS sensitive species	alpine meadows, grassy mountain slopes and foothill country near rugged, rocky cliffs and bluffs
Desert bighorn sheep (<i>Ovis canadensis nelsoni</i>)	BLM Species of Concern, State game sps., FS sensitive species but does not occur on NFS lands.	Dry desert mountain ranges, foothills near rocky cliffs
Bat Group		
Allen's big-eared bat (<i>Idionycteris phyllotis</i>)	BLM Sensitive	PJ, Ponderosa pine, Abandon mines, Caves
Big free-tailed bat (<i>Nyctinomops macrotis</i>)	BLM Sensitive	Pj, Ponderosa pine, Cliff rock canyons
Fringed myotis (<i>Myotis thysanodes</i>)	FS and BLM Sensitive	PJ, Ponderosa pine
Spotted bat (<i>Euderma maculatum</i>)	FS and BLM Sensitive	PJ, Sagebrush shrublands, Semi-desert shrublands, riparian
Townsend's big-eared bat (<i>Plecotus townsendii</i>)	FS and BLM Sensitive, State special concern, NatureServe S2	Abandoned mines, Caves
Yuma myotis (<i>Myotis yumanensis</i>)	BLM Sensitive	PJ, Sagebrush shrublands, Semi-desert shrublands, Riparian
Sagebrush Semi-Desert Shrubland Group		
Loggerhead shrike (<i>Lanius ludovicianus</i>)	FS Sensitive	Riparian, PJ, Sagebrush shrublands, Grasslands, Semi-desert shrublands
Brewer's sparrow (<i>Spizella breweri</i>)	FS Sensitive	Sagebrush shrublands, Semi-desert shrublands
Sage sparrow (<i>Amphispiza belli</i>)	BCC, FS Sensitive	Plan components provide species diversity components. BLM

Species	Source/Rank	Habitat
		breeding, no breeding habitat on FS. Plan objectives for ecology invasives, fire and fuels better represented through loggerhead shrike.
Desert spiny lizard (<i>Sceloporus magister</i>)	BLM Sensitive, NatureServe S2 N5	Sagebrush shrublands, Semi-desert shrublands, near flowing streams
Longnose leopard lizard (<i>Gambelia wislizenii</i>)	BLM Sensitive, State special concern, NatureServe S1 N5	Sagebrush shrublands, Semi-desert shrublands, with open ground
Cavity Nester Group		
Purple martin (<i>Progne subis</i>)	FS Sensitive	Aspen
Red-naped sapsucker (<i>Sphyrapicus nuchalis</i>)	BCC	Aspen, Riparian
Lewis' woodpecker (<i>Bombycilla garrulous</i>)	BCC, FS Sensitive	Riparian, PJ, Ponderosa pine
Mountain bluebird (<i>Sialia currucoides</i>)	MIS	Aspen, Ponderosa pine, Mixed conifer, Spruce fir
Flammulated owl (<i>Otus flammeolus</i>)	BCC, FS Sensitive	Aspen, Ponderosa pine, Mixed conifer, Spruce fir
Williamson's sapsucker (<i>Sphyrapicus thyroideus</i>)	BCC	Aspen, Ponderosa pine
Boreal owl (<i>Aegolius funereus</i>)	FS Sensitive, NatureServe S2	Aspen, Riparian, Mixed conifer, Spruce fir
American three-toed woodpecker (<i>Picooides tridactylus</i>)	FS Sensitive	Spruce fir, Cool-moist mixed-conifer, and rarely pre-settlement ponderosa pine.
Alpine/Spruce-Fir Group		
American marten (<i>Martes americana</i>)	FS Sensitive, MIS	Spruce fir, Alpine tundra, Mixed conifer
North American wolverine (<i>Gulo gulo</i>)	State Endangered, FS Sensitive, NatureServe S1	Alpine tundra, Spruce fir

