

Navajo Department of Fish and Wildlife Natural Heritage Program



History of the NESL

- Late 1980's NNDFW was included in the project review process for Endangered Species Act Compliance
- 1991 The 1st Navajo Endangered Species List was approved by the Resources Committee based on the recommendations by NNDFW.
- Title 17, Section 507. Protects the species listed on NESL, and insures compliance with Navajo Nation and Federal laws.
- Updates to the NESL (every 2 years)



Navajo Nation Endangered Species List

Definitions

- **GROUP 1:** Those species or subspecies that no longer occur on the Navajo Nation.
- **GROUP 2 (G2) & GROUP 3 (G3): “Endangered”** -- Any species or subspecies whose prospects of survival or recruitment within the Navajo Nation are in jeopardy or are likely within the foreseeable future to become so.
- **G2:** A species or subspecies whose prospects of survival or recruitment are in jeopardy.
- **G3:** A species or subspecies whose prospects of survival or recruitment are likely to be in jeopardy in the foreseeable future.
- **GROUP 4:** Any species or subspecies for which the Navajo Nation Department of Fish and Wildlife NNDFW does not currently have sufficient information to support their being listed in G2 or G3 but has reason to consider them. The NNDFWL will actively seek information on these species to determine if they warrant inclusion in a different group or removal from the list.



Updates to NESL-G1 and G2

- **NAVAJO ENDANGERED SPECIES LIST – May 2008**

- **GROUP 1:**
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- **MAMMALS**

- *Canis lupus*
- *Lontra canadensis*
- *Ursus arctos*

- Gray Wolf
- Northern River Otter
- Grizzly or Brown Bear

UPDATES

X-REMOVE

- **FISHES**

- *Gila elegans*
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- Bonytail

- **GROUP 2:**
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- **MAMMALS**

- *Mustela nigripes*
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- Black-footed Ferret

- **BIRDS**

- *Coccyzus americanus*
- *Empidonax traillii extimus*
- *Haliaeetus leucocephalus*

- Yellow-billed Cuckoo
- Southwestern Willow Flycatcher
- Bald Eagle

- **AMPHIBIANS**

- *Lithobates pipiens*
-

- Northern Leopard Frog

- **FISHES**

- *Gila cypha*
- *Gila robusta*
- *Ptychocheilus lucius*
- *Xyrauchen texanus*
- *Catostomus discobulus*
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- Humpback Chub
- Roundtail Chub
- Colorado Pikeminnow
- Razorback Sucker
- Bluehead Sucker

X-ADD

- **PLANTS**

- *Astragalus cutleri*
- *Astragalus humillimus*
- *Erigeron rhizomatus*
- *Pediocactus bradyi*
- *Clerocactus mesa-verdae*

- Cutler's Milk-vetch
- Mancos Milk-vetch
- Rhizome Fleabane
- Brady Pincushion Cactus
- Mesa Verde Cactus



Updates to NESL-G3

- **GROUP 3:**

- **MAMMALS**

- *Antilocapra americana*¹
- *Ovis canadensis*²

- **BIRDS**

- *Aquila chrysaetos*
- *Buteo regalis*
- *Cinclus mexicanus*
- *Strix occidentalis lucida*

- **INVERTEBRATES**

- *Speyeria nokomis*

- **PLANTS**

- *Allium goodingii*
- *Asclepias welshii*
- *Astragalus cremnophylax* var. *hevroni*
- *Astragalus cronquistii*
- *Astragalus naturitensis*
- *Carex specuicola*
- *Erigeron acomanus*
- *Errazurizia rotundata*
- *Lesquerella navajoensis*
- *Pediocactus peeblesianus* ssp. *Fickeiseniae*
- *Penstemon navajoa*
- *Perityle specuicola*
- *Platanthera zothecina*
- *Zigadenus vaginatus*

UPDATES

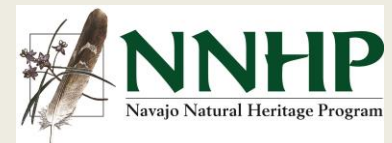
- Pronghorn¹
- Bighorn Sheep²

- Golden Eagle
- Ferruginous Hawk
- American Dipper
- Mexican Spotted Owl

- Western Seep Fritillary

- Gooding's Onion
- Welsh's Milkweed
- Marble Canyon Milk-vetch
- Cronquist Milk-vetch
- Naturita Milk-vetch
- Navajo Sedge
- Acoma Fleabane
- Round Dunebroom
- Navajo Bladderpod
- Fickeisen Plains Cactus
- Navajo Penstemon
- Alcove Rock Daisy
- Alcove Bog-orchid
- Alcove Death Camas

X-GENUS CH



Updates to NESL G4

- **MAMMALS**

- *Corynorhinus townsendii*
- *Dipodomys microps*
- *Dipodomys spectabilis* ³
- *Microtus mogollonensis*
- *Perognathus amplus cineris*
- *Vulpes macrotis*

- **BIRDS**

- *Accipiter gentilis*
- *Aechmophorus clarkia*
- *Aegolius acadicus*
- *Athene cunicularia*
- *Ceryle alcyon*
- *Charadrius montanus*
- *Dendragapus obscurus*
- *Dendroica petechia*
- *Empidonax hammondii*
- *Falco peregrinus*
- *Glaucidium gnoma*
- *Gymnogyps californianus*
- *Otus flammeolus*
- *Patagioenas fasciata*
- *Picoides dorsalis*
- *Porzana carolina* Sora
- *Tachycineta bicolor*
- *Vireo vicinior*

- **REPTILES**

- *Lampropeltis triangulum*
- *Sauromalus ater*

- **FISHES**

- *Catostomus discobolus*
- *Cottus bairdi*

UPDATES

- Townsend's Big-eared Bat
- Chisel-toothed Kangaroo Rat
- Banner-tailed Kangaroo Rat ³
- Navajo Mountain Vole
- Wupatki [Arizona] Pocket Mouse
- Kit Fox

- Northern Goshawk
- Clark's Grebe
- Northern Saw-whet Owl
- Burrowing Owl
- Belted Kingfisher
- Mountain Plover
- Dusky Grouse
- Yellow Warbler
- Hammond's Flycatcher
- Peregrine Falcon
- Northern Pygmy-Owl
- California condor
- Flammulated Owl
- Band-tailed Pigeon
- American Three-toed Woodpecker

X-REMOVE

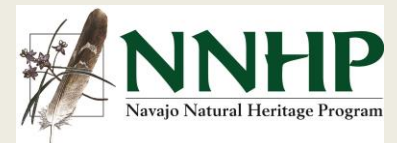
- Tree Swallow
- Gray Vireo

- Milk Snake
- Chuckwalla

- Bluehead Sucker
- Mottled Sculpin

X-UPLIST G2

X-DELIST



Updates to NESL G4-CONT.

		<u>UPDATES</u>
• INVERTEBRATES		
• <i>Oreohelix strigosa</i>	Rocky Mountainsnail	
• <i>Oreohelix yavapai</i>	Yavapai Mountainsnail	
• <i>Oxyloma kanabense</i>	Kanab Ambersnail	
•		
• PLANTS		
• <i>Aliciella formosa</i>	Aztec Gilia	X-UPLIST G3
• <i>Amsonia peeblesii</i>	Peebles Blue-star	X-REMOVE
• <i>Asclepias sanjuanensis</i>	San Juan Milkweed	
• <i>Astragalus beathii</i>	Beath Milk-vetch	X-REMOVE
• <i>Astragalus heilii</i>	Heil's Milk-vetch	
• <i>Atriplex garrettii</i> var. <i>navajoensis</i>	Navajo Saltbush	
• <i>Camissonia atwoodii</i>	Atwood's Camissonia	
• <i>Cirsium rydbergii</i>	Rydberg's Thistle	
• <i>Cypripedium parviflorum</i> var. <i>pubescens</i>	Yellow Lady's Slipper	X-UPLIST G1
• <i>Cystopteris utahensis</i>	Utah Bladder-fern	
• <i>Ericameria arizonica</i>	Grand Canyon Goldenweed	X-REMOVE
• <i>Erigeron sivinskii</i>	Sivinski's Fleabane	
• <i>Eriogonum lachnogynum</i> var. <i>sarahiae</i>	Sarah's Buckwheat	
• <i>Phacelia indecora</i>	Bluff Phacelia	
• <i>Primula specuicola</i>	Cave Primrose	
• <i>Psoralea argophylla</i> var. <i>pubescens</i>	Marble Canyon Dalea	
• <i>Puccinella parishii</i>	Parish's Alkali Grass	X-REMOVE
• <i>Salvia pachyphylla</i> ssp. <i>eremopictus</i>	Arizona Rose Sage	X-REMOVE
• <i>Sclerocactus cloveriae</i> <i>brackii</i>	Brack Hardwall Cactus	
• <i>Symphyotrichum welshii</i>	Welsh's American-aster	



Summary of Changes for NESL

A total of 90 species are listed on NESL which is comprised of:

- 12 Mammals
- 7 Fish
- 25 Birds
- 39 Plants
- 4 Invertebrates
- 2 Reptiles
- 1 Amphibian

The updates will:

- Up list or reclassify 3 species
- Add the Bluehead Sucker
- Remove 8 species from the list
- Update the name on 1

Group	Common Name	Action
Group 1-Do not occur on the Navajo Nation. Total listing of 4. Comprised of 3 Mammals and 1 fish species.	Gray Wolf Northern River Otter Grizzly or Brown Bear Yellow Lady's Slipper	Remove from list Add to Group
Group 2- Designation Endangered. Federal listing. Total listing of 14. Comprised of 1 mammal, 3 birds, 1 Amphibian, 4 fishes and 5 Plants.	Zuni Bluehead Sucker (Defiance plateau populations) Bluehead Sucker (Chuska population)	Zuni bluehead Up listed from G4 to this Group due to recent federal listings & Critical Habitat Designation Bluehead up listed from G4, a unique population (manage to keep from listing)
Group 3- Designation Threatened. Total listing of 21. Comprised of 2 mammals, 4 birds, 1 invertebrate, and 14 plants	Navajo Bladderpod Aztec Gilia	Name change from <i>Lesquerella navajoensis</i> to <i>Physaria navajoensis</i> . Up listed from G4
Group 4 –Designation Sensitive. Total listing of 51. Comprised of 6 mammals, 18 birds, 2 reptiles, 2 fishes, 3 invertebrates and 20 plants.	Peregrine Falcon Mottled Sculpin Aztec Gilia Peebles Blue-star Beath Milk-vetch Yellow Lady's Slipper Grand Canyon Goldenweed Parish's Alkali Grass Arizona Rose Sage	Remove from list-recovered Remove from list Up listed to G3 Remove from list Remove from list Up listed to G1 Remove from list Remove from list Remove from list

This is the first change to the NESL. The next one is scheduled for 2017.

