

ATTACHMENT 6

BIOLOGICAL DATABASE SPECIES LIST

CNPS *California Native Plant Society* Rare and Endangered Plant Inventory

Plant List

27 matches found. Click on scientific name for details

Search Criteria

Found in 9 Quads around 38121H2

Scientific Name	Common Name	Family	Lifeform	Rare Plant Rank	State Rank	Global Rank
Allium jepsonii	Jepson's onion	Alliaceae	perennial bulbiferous herb	1B.2	S1	G1
Allium sanbornii var. sanbornii	Sanborn's onion	Alliaceae	perennial bulbiferous herb	4.2	S3.2	G3T3
Azolla microphylla	Mexican mosquito fern	Azollaceae	annual / perennial herb	4.2	S3.2?	G5
Balsamorhiza macrolepis	big-scale balsamroot	Asteraceae	perennial herb	1B.2	S2	G2
Calystegia stebbinsii	Stebbins' morning-glory	Convolvulaceae	perennial rhizomatous herb	1B.1	S1	G1
Ceanothus roderickii	Pine Hill ceanothus	Rhamnaceae	perennial evergreen shrub	1B.1	S1	G1
Chlorogalum grandiflorum	Red Hills soaproot	Agavaceae	perennial bulbiferous herb	1B.2	S3	G3
Chloropyron molle ssp. hispidum	hispid bird's-beak	Orobanchaceae	annual herb (hemiparasitic)	1B.1	S2	G2T2
Clarkia biloba ssp. brandegeae	Brandegee's clarkia	Onagraceae	annual herb	4.2	S4	G4G5T4
Claytonia parviflora ssp. grandiflora	streambank spring beauty	Montiaceae	annual herb	4.2	S3.2	G5T3
Crocanthemum suffrutescens	Bisbee Peak rush-rose	Cistaceae	perennial evergreen shrub	3.2	S2	G2Q
Downingia pusilla	dwarf downingia	Campanulaceae	annual herb	2B.2	S2	GU
Fritillaria agrestis	stinkbells	Liliaceae	perennial bulbiferous herb	4.2	S3.2	G3
Fritillaria eastwoodiae	Butte County fritillary	Liliaceae	perennial bulbiferous herb	3.2	S3	G3Q
Galium californicum ssp. sierrae	El Dorado bedstraw	Rubiaceae	perennial herb	1B.2	S1	G5T1
Gratiola heterosepala	Boggs Lake hedge-hyssop	Plantaginaceae	annual herb	1B.2	S2	G2
Juncus leiospermus var. ahartii	Ahart's dwarf rush	Juncaceae	annual herb	1B.2	S1	G2T1
Juncus leiospermus var. leiospermus	Red Bluff dwarf rush	Juncaceae	annual herb	1B.1	S2	G2T2

Lathyrus sulphureus var. argillaceus	dubious pea	Fabaceae	perennial herb	3	S1S2	G5T1T2
Legenere limosa	legenere	Campanulaceae	annual herb	1B.1	S2.2	G2
Lilium humboldtii ssp. humboldtii	Humboldt lily	Liliaceae	perennial bulbiferous herb	4.2	S3.2	G4T3
Navarretia myersii ssp. myersii	pincushion navarretia	Polemoniaceae	annual herb	1B.1	S1	G1T1
Navarretia nigelliformis ssp. nigelliformis	adobe navarretia	Polemoniaceae	annual herb	4.2	S3.2	G4T3
Packera layneae	Layne's ragwort	Asteraceae	perennial herb	1B.2	S2	G2
Viburnum ellipticum	oval-leaved viburnum	Adoxaceae	perennial deciduous shrub	2B.3	S2.3	G5
Wolffia brasiliensis	Brazilian watermeal	Araceae	perennial herb	2B.3	S1	G5
Wyethia reticulata	El Dorado County mule ears	Asteraceae	perennial herb	1B.2	S2	G2

Suggested Citation

CNPS, Rare Plant Program. 2014. Inventory of Rare and Endangered Plants (online edition, v8-02). California Native Plant Society, Sacramento, CA. Website <http://www.rareplants.cnps.org> [accessed 27 April 2014].

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U.S. Fish & Wildlife Service

Sacramento Fish & Wildlife Office

Federal Endangered and Threatened Species that Occur in
or may be Affected by Projects in the Counties and/or
U.S.G.S. 7 1/2 Minute Quads you requested

Document Number: 140427074943

Current as of: April 27, 2014

Quad Lists

Listed Species

Invertebrates

- Branchinecta conservatio
Conservancy fairy shrimp (E)
- Branchinecta lynchi
Critical habitat, vernal pool fairy shrimp (X)
vernal pool fairy shrimp (T)
- Desmocerus californicus dimorphus
valley elderberry longhorn beetle (T)
- Lepidurus packardi
vernal pool tadpole shrimp (E)

Fish

- Hypomesus transpacificus
delta smelt (T)
- Oncorhynchus mykiss
Central Valley steelhead (T) (NMFS)
Critical habitat, Central Valley steelhead (X) (NMFS)
- Oncorhynchus tshawytscha
Central Valley spring-run chinook salmon (T) (NMFS)
winter-run chinook salmon, Sacramento River (E) (NMFS)

Amphibians

- Rana draytonii
California red-legged frog (T)

Reptiles

- Thamnophis gigas
giant garter snake (T)

Plants

- Calystegia stebbinsii
Stebbins's morning-glory (E)
- Ceanothus roderickii
Pine Hill ceanothus (E)
- Galium californicum ssp. sierrae
El Dorado bedstraw (E)
- Senecio layneae
Layne's butterweed (=ragwort) (T)

Quads Containing Listed, Proposed or Candidate Species:

- AUBURN (527A)
- GOLD HILL (527B)
- ROCKLIN (527C)

PILOT HILL (527D)
 LINCOLN (528A)
 ROSEVILLE (528D)
 WOLF (542C)
 LAKE COMBIE (542D)
 CAMP FAR WEST (543D)

County Lists

Placer County

Listed Species

Invertebrates

- Branchinecta conservatio
 Conservancy fairy shrimp (E)

- Branchinecta lynchi
 Critical habitat, vernal pool fairy shrimp (X)
 vernal pool fairy shrimp (T)

- Desmocerus californicus dimorphus
 Critical habitat, valley elderberry longhorn beetle (X)
 valley elderberry longhorn beetle (T)

- Lepidurus packardi
 Critical habitat, vernal pool tadpole shrimp (X)
 vernal pool tadpole shrimp (E)

Fish

- Hypomesus transpacificus
 delta smelt (T)

- Oncorhynchus (=Salmo) clarki henshawi
 Lahontan cutthroat trout (T)

- Oncorhynchus mykiss
 Central Valley steelhead (T) (NMFS)
 Critical habitat, Central Valley steelhead (X) (NMFS)

- Oncorhynchus tshawytscha
 Central Valley spring-run chinook salmon (T) (NMFS)
 winter-run chinook salmon, Sacramento River (E) (NMFS)

Amphibians

- Ambystoma californiense
 California tiger salamander, central population (T)

- Rana draytonii
 California red-legged frog (T)
 Critical habitat, California red-legged frog (X)

- Rana sierrae
 Mountain yellow-legged frog (T)

mountain yellow legged frog (PX)

Reptiles

Thamnophis gigas
giant garter snake (T)

Plants

Calystegia stebbinsii
Stebbins's morning-glory (E)

Ceanothus roderickii
Pine Hill ceanothus (E)

Galium californicum ssp. sierrae
El Dorado bedstraw (E)

Orcuttia viscida
Critical habitat, Sacramento Orcutt grass (X)
Sacramento Orcutt grass (E)

Senecio layneae
Layne's butterweed (=ragwort) (T)

Candidate Species

Amphibians

Rana muscosa
mountain yellow-legged frog (C)

Birds

Coccyzus americanus occidentalis
Western yellow-billed cuckoo (C)

Mammals

Martes pennanti
fisher (C)

Plants

Rorippa subumbellata
Tahoe yellow-cress (C)

Key:

(E) Endangered - Listed as being in danger of extinction.

(T) Threatened - Listed as likely to become endangered within the foreseeable future.

(P) Proposed - Officially proposed in the Federal Register for listing as endangered or threatened.

(NMFS) Species under the Jurisdiction of the [National Oceanic & Atmospheric Administration Fisheries Service](#). Consult with them directly about these species.

Critical Habitat - Area essential to the conservation of a species.

(PX) Proposed Critical Habitat - The species is already listed. Critical habitat is being proposed for it.

(C) Candidate - Candidate to become a proposed species.

(V) Vacated by a court order. Not currently in effect. Being reviewed by the Service.

(X) Critical Habitat designated for this species

Important Information About Your Species List

How We Make Species Lists

We store information about endangered and threatened species lists by U.S. Geological Survey 7½ minute quads. The United States is divided into these quads, which are about the size of San Francisco.

The animals on your species list are ones that occur within, or may be affected by projects within, the quads covered by the list.

- Fish and other aquatic species appear on your list if they are in the same watershed as your quad or if water use in your quad might affect them.
- Amphibians will be on the list for a quad or county if pesticides applied in that area may be carried to their habitat by air currents.
- Birds are shown regardless of whether they are resident or migratory. Relevant birds on the county list should be considered regardless of whether they appear on a quad list.

Plants

Any plants on your list are ones that have actually been observed in the area covered by the list. Plants may exist in an area without ever having been detected there. You can find out what's in the surrounding quads through the California Native Plant Society's online [Inventory of Rare and Endangered Plants](#).

Surveying

Some of the species on your list may not be affected by your project. A trained biologist and/or botanist, familiar with the habitat requirements of the species on your list, should determine whether they or habitats suitable for them may be affected by your project. We recommend that your surveys include any proposed and candidate species on your list. See our [Protocol](#) and [Recovery Permits](#) pages.

For plant surveys, we recommend using the [Guidelines for Conducting and Reporting Botanical Inventories](#). The results of your surveys should be published in any environmental documents prepared for your project.

Your Responsibilities Under the Endangered Species Act

All animals identified as listed above are fully protected under the Endangered Species Act of 1973, as amended. Section 9 of the Act and its implementing regulations prohibit the take of a federally listed wildlife species. Take is defined by the Act as "to harass, harm, pursue, hunt, shoot, wound, kill, trap, capture, or collect" any such animal.

Take may include significant habitat modification or degradation where it actually kills or injures wildlife by significantly impairing essential behavioral patterns, including breeding, feeding, or shelter (50 CFR §17.3).

Take incidental to an otherwise lawful activity may be authorized by one of two procedures:

- If a Federal agency is involved with the permitting, funding, or carrying out of a project that may result in take, then that agency must engage in a formal [consultation](#) with the Service. During formal consultation, the Federal agency, the applicant and the Service work together to avoid or minimize the impact on listed species and their habitat. Such consultation would result in a biological opinion by the Service addressing the anticipated effect of the project on listed and proposed species. The opinion may authorize a limited level of incidental take.
- If no Federal agency is involved with the project, and federally listed species may be taken as

- If no Federal agency is involved with the project, and federally listed species may be taken as part of the project, then you, the applicant, should apply for an incidental take permit. The Service may issue such a permit if you submit a satisfactory conservation plan for the species that would be affected by your project.

Should your survey determine that federally listed or proposed species occur in the area and are likely to be affected by the project, we recommend that you work with this office and the California Department of Fish and Game to develop a plan that minimizes the project's direct and indirect impacts to listed species and compensates for project-related loss of habitat. You should include the plan in any environmental documents you file.

Critical Habitat

When a species is listed as endangered or threatened, areas of habitat considered essential to its conservation may be designated as critical habitat. These areas may require special management considerations or protection. They provide needed space for growth and normal behavior; food, water, air, light, other nutritional or physiological requirements; cover or shelter; and sites for breeding, reproduction, rearing of offspring, germination or seed dispersal.

Although critical habitat may be designated on private or State lands, activities on these lands are not restricted unless there is Federal involvement in the activities or direct harm to listed wildlife.

If any species has proposed or designated critical habitat within a quad, there will be a separate line for this on the species list. Boundary descriptions of the critical habitat may be found in the Federal Register. The information is also reprinted in the Code of Federal Regulations (50 CFR 17.95). See our [Map Room](#) page.

Candidate Species

We recommend that you address impacts to candidate species. We put plants and animals on our candidate list when we have enough scientific information to eventually propose them for listing as threatened or endangered. By considering these species early in your planning process you may be able to avoid the problems that could develop if one of these candidates was listed before the end of your project.

Species of Concern

The Sacramento Fish & Wildlife Office no longer maintains a list of species of concern. However, various other agencies and organizations maintain lists of at-risk species. These lists provide essential information for land management planning and conservation efforts.

[More info](#)

Wetlands

If your project will impact wetlands, riparian habitat, or other jurisdictional waters as defined by section 404 of the Clean Water Act and/or section 10 of the Rivers and Harbors Act, you will need to obtain a permit from the U.S. Army Corps of Engineers. Impacts to wetland habitats require site specific mitigation and monitoring. For questions regarding wetlands, please contact Mark Littlefield of this office at (916) 414-6520.

Updates

Our database is constantly updated as species are proposed, listed and delisted. If you address proposed and candidate species in your planning, this should not be a problem. However, we recommend that you get an updated list every 90 days. That would be July 26, 2014.

CNDDDB_5m_center_enum

LEG_ID	SNAME	CNAME	OCCNUMB
1	Alkali Meadow	Alkali Meadow	1
2	Alkali Seep	Alkali Seep	2
3	Balsamorhiza macrolepis	big scale balsamroot	1
4	Clarkia biloba ssp. brandegeae	Brandegee's clarkia	62
4	Clarkia biloba ssp. brandegeae	Brandegee's clarkia	5
5	Laterallus jamaicensis coturniculus	California black rail	134
6	Linderiella occidentalis	California linderiella	146
6	Linderiella occidentalis	California linderiella	22
6	Linderiella occidentalis	California linderiella	84
6	Linderiella occidentalis	California linderiella	377
6	Linderiella occidentalis	California linderiella	150
7	Ammodramus savannarum	grasshopper sparrow	8
8	Chloropyron molle ssp. hispidum	hispid salty bird's beak	11
9	Pandion haliaetus	osprey	446
10	Navarretia myersii ssp. myersii	pincushion navarretia	12
11	Hydrochara rickseckeri	Ricksecker's water scavenger beetle	11
12	Oncorhynchus mykiss irideus	steelhead Central Valley DPS	3
12	Oncorhynchus mykiss irideus	steelhead Central Valley DPS	4
13	Corynorhinus townsendii	Townsend's big eared bat	149
14	Branchinecta lynchi	vernal pool fairy shrimp	157
14	Branchinecta lynchi	vernal pool fairy shrimp	622
14	Branchinecta lynchi	vernal pool fairy shrimp	30
14	Branchinecta lynchi	vernal pool fairy shrimp	29
15	Emys marmorata	western pond turtle	1217
15	Emys marmorata	western pond turtle	1
16	Elanus leucurus	white tailed kite	74