
Appendix N

Biological Resources Memorandum

MEMORANDUM

From: Michael Cady – Senior Biologist
Subject: Biological Resources Review for the Alexan Arcadia Project
Date: June 25, 2021
Attachment(s): A) Project Location; B) Sensitive Resources Database Results

This memorandum describes an analysis of the biological resources found on and in the vicinity of the Alexan Arcadia Project (Project) in the context of the California Environmental Quality Act (CEQA). The Project site, which totals approximately 2.96 gross acres, is located in the City of Arcadia (City) within Los Angeles County, approximately 13 miles east of downtown Los Angeles. It is bound by Santa Anita Avenue to the west, Wheeler Avenue to the south, an unnamed alley mid-block between Santa Anita Avenue and First Avenue, and E Santa Clara Street (Attachment A).

The Project site is currently occupied by a 2-story office building, two single-story commercial buildings, and surface parking. The Project site also contains an existing 8-story office building and single-story bank drive through, which would remain in place. The proposed Project involves the demolition of existing structures, including a 2-story office building, two single-story commercial buildings, and surface parking. The Project proposes to construct a seven-story multi-family residential building, containing a total of 319 dwelling units. The Project site is surrounded by a variety of land uses, including residential, recreational, and commercial retail.

Biological Resources Analysis

The following answers questions (a) through (f) in Section IV (Biological Resources) in CEQA, Appendix G. Would the Project:

- a. Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?

There are 84 special-status plant species and 49 special-status wildlife species with recorded occurrences in the U.S. Geologic Survey's Baldwin Park, California 7.5-minute topographic quadrangle, in which the project is located, and surrounding eight quadrangles (CDFW 2021, CNPS 2021, USFWS 2021) (Attachment B). The Project is not located within any designated critical habitat (USFWS 2021). No natural vegetation communities, soils, or hydrology occur on the Project site, so no special-status plant or wildlife species are expected on the Project and **no impact** would occur.

- b. Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations or by the California Department of Fish and Game or US Fish and Wildlife Service?

No natural vegetation communities, soils, or hydrology occur on the Project site, so no riparian habitat or other sensitive natural community occur within the Project site and **no impact** would occur.

Memorandum

Subject: *Biological Resources Review for the Alexan Arcadia Project*

- c. Have a substantial adverse effect on federally protected wetlands as defined by Section 404 of the Clean Water Act (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?

No natural vegetation communities, soils, or hydrology occur on the Project site, no jurisdictional wetlands or non-wetland waters occur within the Project site and **no impact** would occur.

- d. Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?

The Project does not occur within any designated wildlife corridors or habitat linkages and **no impact** to the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors would occur.

The trees and shrubs within the Project site have the potential to support nesting birds. However, the incorporation of a nesting bird survey as part of the Project would avoid and minimize impacts to nesting birds, so impacts to native wildlife nursery sites would be **less than significant**.

- e. Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?

No trees protected by the City of Arcadia (Ordinance No. 2338) occur on the Project site, so **no impact** would occur.

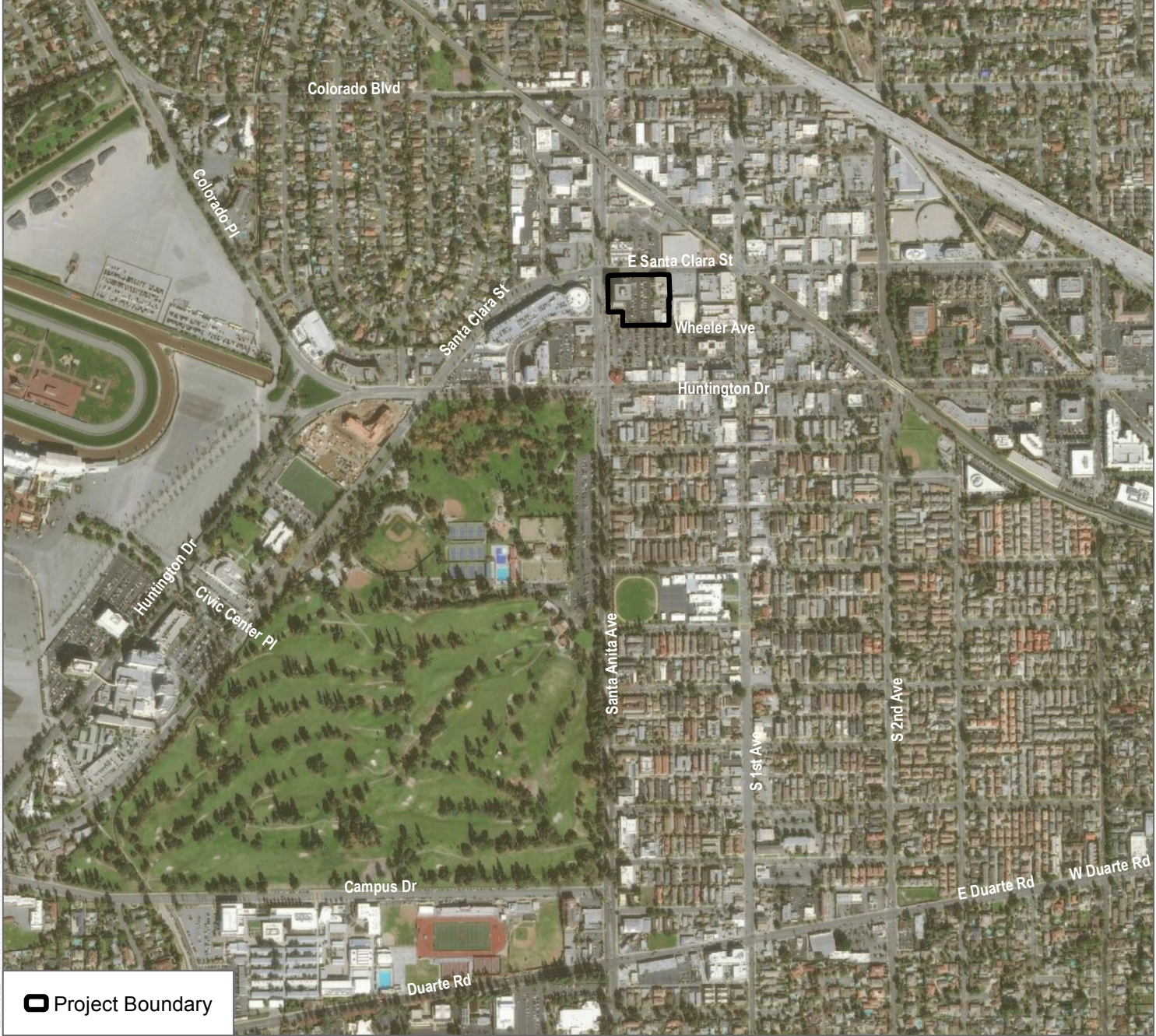
- f. Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?

The Project site is not within any habitat conservation plan, natural community conservation plan, or other approved local, regional, or state habitat conservation plan (CDFW 2019), so **no impact** would occur.



Attachment A

Project Location



 Project Boundary

SOURCE: ESRI 2014

DUDEK



Project Location

Alexan Arcadia



Attachment B

Sensitive Biological Resources Database Query Results



Selected Elements by Scientific Name

California Department of Fish and Wildlife

California Natural Diversity Database



Query Criteria: Quad (Mt. Wilson (3411821) OR Condor Peak (3411832) OR Chilao Flat (3411831) OR Waterman Mtn. (3411738) OR Azusa (3411728) OR Pasadena (3411822) OR Los Angeles (3411812) OR El Monte (3411811) OR Baldwin Park (3411718))

Species	Element Code	Federal Status	State Status	Global Rank	State Rank	Rare Plant Rank/CDFW SSC or FP
<i>Accipiter cooperii</i> Cooper's hawk	ABNKC12040	None	None	G5	S4	WL
<i>Anaxyrus californicus</i> arroyo toad	AAABB01230	Endangered	None	G2G3	S2S3	SSC
<i>Anniella stebbinsi</i> Southern California legless lizard	ARACC01060	None	None	G3	S3	SSC
<i>Anomobryum julaceum</i> slender silver moss	NBMUS80010	None	None	G5?	S2	4.2
<i>Antrozous pallidus</i> pallid bat	AMACC10010	None	None	G4	S3	SSC
<i>Arctostaphylos glandulosa ssp. gabrielensis</i> San Gabriel manzanita	PDERI042P0	None	None	G5T3	S3	1B.2
<i>Arizona elegans occidentalis</i> California glossy snake	ARADB01017	None	None	G5T2	S2	SSC
<i>Aspidoscelis tigris stejnegeri</i> coastal whiptail	ARACJ02143	None	None	G5T5	S3	SSC
<i>Astragalus brauntonii</i> Braunton's milk-vetch	PDFAB0F1G0	Endangered	None	G2	S2	1B.1
<i>Athene cunicularia</i> burrowing owl	ABNSB10010	None	None	G4	S3	SSC
<i>Atriplex serenana var. davidsonii</i> Davidson's saltscale	PDCHE041T1	None	None	G5T1	S1	1B.2
<i>Berberis nevini</i> Nevin's barberry	PDBER060A0	Endangered	Endangered	G1	S1	1B.1
<i>Bombus crotchii</i> Crotch bumble bee	IIHYM24480	None	Candidate Endangered	G3G4	S1S2	
<i>Buteo swainsoni</i> Swainson's hawk	ABNKC19070	None	Threatened	G5	S3	
<i>California Walnut Woodland</i> California Walnut Woodland	CTT71210CA	None	None	G2	S2.1	
<i>Calochortus clavatus var. gracilis</i> slender mariposa-lily	PMLIL0D096	None	None	G4T2T3	S2S3	1B.2
<i>Calochortus palmeri var. palmeri</i> Palmer's mariposa-lily	PMLIL0D122	None	None	G3T2	S2	1B.2
<i>Calochortus plummerae</i> Plummer's mariposa-lily	PMLIL0D150	None	None	G4	S4	4.2



Selected Elements by Scientific Name
California Department of Fish and Wildlife
California Natural Diversity Database



Species	Element Code	Federal Status	State Status	Global Rank	State Rank	Rare Plant Rank/CDFW SSC or FP
<i>Calochortus striatus</i> alkali mariposa-lily	PMLIL0D190	None	None	G3?	S2S3	1B.2
<i>Calochortus weedii</i> var. <i>intermedius</i> intermediate mariposa-lily	PMLIL0D1J1	None	None	G3G4T2	S2	1B.2
<i>Canyon Live Oak Ravine Forest</i> Canyon Live Oak Ravine Forest	CTT61350CA	None	None	G3	S3.3	
<i>Castilleja gleasoni</i> Mt. Gleason paintbrush	PDSCR0D140	None	Rare	G2	S2	1B.2
<i>Catostomus santaanae</i> Santa Ana sucker	AFCJC02190	Threatened	None	G1	S1	
<i>Centromadia parryi</i> ssp. <i>australis</i> southern tarplant	PDAST4R0P4	None	None	G3T2	S2	1B.1
<i>Centromadia pungens</i> ssp. <i>laevis</i> smooth tarplant	PDAST4R0R4	None	None	G3G4T2	S2	1B.1
<i>Chorizanthe parryi</i> var. <i>parryi</i> Parry's spineflower	PDPGN040J2	None	None	G3T2	S2	1B.1
<i>Cladium californicum</i> California saw-grass	PMCYP04010	None	None	G4	S2	2B.2
<i>Claytonia peirsonii</i> ssp. <i>peirsonii</i> Peirson's spring beauty	PDPOR03121	None	None	G2G3T2	S2	1B.2
<i>Coccyzus americanus occidentalis</i> western yellow-billed cuckoo	ABNRB02022	Threatened	Endangered	G5T2T3	S1	
<i>Corynorhinus townsendii</i> Townsend's big-eared bat	AMACC08010	None	None	G4	S2	SSC
<i>Cuscuta obtusiflora</i> var. <i>glandulosa</i> Peruvian dodder	PDCUS01111	None	None	G5T4?	SH	2B.2
<i>Cypseloides niger</i> black swift	ABNUA01010	None	None	G4	S2	SSC
<i>Diadophis punctatus modestus</i> San Bernardino ringneck snake	ARADB10015	None	None	G5T2T3	S2?	
<i>Dodecahema leptoceras</i> slender-horned spineflower	PDPGN0V010	Endangered	Endangered	G1	S1	1B.1
<i>Dudleya cymosa</i> ssp. <i>crebrifolia</i> San Gabriel River dudleya	PDCRA040A8	None	None	G5T2	S2	1B.2
<i>Dudleya densiflora</i> San Gabriel Mountains dudleya	PDCRA040B0	None	None	G2	S2	1B.1
<i>Dudleya multicaulis</i> many-stemmed dudleya	PDCRA040H0	None	None	G2	S2	1B.2
<i>Empidonax traillii extimus</i> southwestern willow flycatcher	ABPAE33043	Endangered	Endangered	G5T2	S1	
<i>Emys marmorata</i> western pond turtle	ARAAD02030	None	None	G3G4	S3	SSC



Selected Elements by Scientific Name
California Department of Fish and Wildlife
California Natural Diversity Database



Species	Element Code	Federal Status	State Status	Global Rank	State Rank	Rare Plant Rank/CDFW SSC or FP
<i>Eumops perotis californicus</i> western mastiff bat	AMACD02011	None	None	G4G5T4	S3S4	SSC
<i>Falco peregrinus anatum</i> American peregrine falcon	ABNKD06071	Delisted	Delisted	G4T4	S3S4	FP
<i>Galium grande</i> San Gabriel bedstraw	PDRUB0N0V0	None	None	G1	S1	1B.2
<i>Gila orcuttii</i> arroyo chub	AFCJB13120	None	None	G2	S2	SSC
<i>Glyptostoma gabriellense</i> San Gabriel chestnut	IMGASB1010	None	None	G2	S2	
<i>Gonidea angulata</i> western ridged mussel	IMBIV19010	None	None	G3	S1S2	
<i>Helianthus nuttallii ssp. parishii</i> Los Angeles sunflower	PDAST4N102	None	None	G5TX	SX	1A
<i>Helminthoglypta traskii pacuimensis</i> Pacoima shoulderband	IMGASC2472	None	None	G1G2T1	S1	
<i>Horkelia cuneata var. puberula</i> mesa horkelia	PDR0S0W045	None	None	G4T1	S1	1B.1
<i>Icteria virens</i> yellow-breasted chat	ABPBX24010	None	None	G5	S3	SSC
<i>Imperata brevifolia</i> California satintail	PMPOA3D020	None	None	G4	S3	2B.1
<i>Lasionycteris noctivagans</i> silver-haired bat	AMACC02010	None	None	G3G4	S3S4	
<i>Lasiurus blossevillii</i> western red bat	AMACC05060	None	None	G4	S3	SSC
<i>Lasiurus cinereus</i> hoary bat	AMACC05030	None	None	G3G4	S4	
<i>Lasiurus xanthinus</i> western yellow bat	AMACC05070	None	None	G4G5	S3	SSC
<i>Lasthenia glabrata ssp. coulteri</i> Coulter's goldfields	PDAST5L0A1	None	None	G4T2	S2	1B.1
<i>Lepidium virginicum var. robinsonii</i> Robinson's pepper-grass	PDBRA1M114	None	None	G5T3	S3	4.3
<i>Lepus californicus bennettii</i> San Diego black-tailed jackrabbit	AMAEB03051	None	None	G5T3T4	S3S4	SSC
<i>Lilium parryi</i> lemon lily	PMLIL1A0J0	None	None	G3	S3	1B.2
<i>Linanthus concinnus</i> San Gabriel linanthus	PDPLM090D0	None	None	G2	S2	1B.2
<i>Lupinus peirsonii</i> Peirson's lupine	PDFAB2B330	None	None	G3	S3	1B.3



Selected Elements by Scientific Name
California Department of Fish and Wildlife
California Natural Diversity Database



Species	Element Code	Federal Status	State Status	Global Rank	State Rank	Rare Plant Rank/CDFW SSC or FP
<i>Malacothamnus davidsonii</i> Davidson's bush-mallow	PDMAL0Q040	None	None	G2	S2	1B.2
<i>Muhlenbergia californica</i> California muhly	PMPOA480A0	None	None	G4	S4	4.3
<i>Myotis thysanodes</i> fringed myotis	AMACC01090	None	None	G4	S3	
<i>Myotis volans</i> long-legged myotis	AMACC01110	None	None	G4G5	S3	
<i>Navarretia prostrata</i> prostrate vernal pool navarretia	PDPLM0C0Q0	None	None	G2	S2	1B.2
<i>Nemacladus secundiflorus var. robbinsii</i> Robbins' nemacladus	PDCAM0F0B2	None	None	G3T2	S2	1B.2
<i>Neotamias speciosus speciosus</i> lodgepole chipmunk	AMAFB02172	None	None	G4T3T4	S2S3	
<i>Nyctinomops femorosaccus</i> pocketed free-tailed bat	AMACD04010	None	None	G5	S3	SSC
<i>Nyctinomops macrotis</i> big free-tailed bat	AMACD04020	None	None	G5	S3	SSC
<i>Onychomys torridus ramona</i> southern grasshopper mouse	AMAFF06022	None	None	G5T3	S3	SSC
<i>Open Engelmann Oak Woodland</i> Open Engelmann Oak Woodland	CTT71181CA	None	None	G2	S2.2	
<i>Opuntia basilaris var. brachyclada</i> short-joint beavertail	PDCAC0D053	None	None	G5T3	S3	1B.2
<i>Oreonana vestita</i> woolly mountain-parsley	PDAP11G030	None	None	G3	S3	1B.3
<i>Orobanche valida ssp. valida</i> Rock Creek broomrape	PDORO040G2	None	None	G4T2	S2	1B.2
<i>Ovis canadensis nelsoni</i> desert bighorn sheep	AMALE04013	None	None	G4T4	S3	FP
<i>Palaeoxenus dohrni</i> Dohrn's elegant eucnemid beetle	IICOL5K010	None	None	G3?	S3?	
<i>Phacelia stellaris</i> Brand's star phacelia	PDHYD0C510	None	None	G1	S1	1B.1
<i>Phrynosoma blainvillii</i> coast horned lizard	ARACF12100	None	None	G3G4	S3S4	SSC
<i>Polioptila californica californica</i> coastal California gnatcatcher	ABPBJ08081	Threatened	None	G4G5T3Q	S2	SSC
<i>Pseudognaphalium leucocephalum</i> white rabbit-tobacco	PDAST440C0	None	None	G4	S2	2B.2
<i>Rana boylei</i> foothill yellow-legged frog	AAABH01050	None	Endangered	G3	S3	SSC



Selected Elements by Scientific Name
California Department of Fish and Wildlife
California Natural Diversity Database



Species	Element Code	Federal Status	State Status	Global Rank	State Rank	Rare Plant Rank/CDFW SSC or FP
<i>Rana muscosa</i> southern mountain yellow-legged frog	AAABH01330	Endangered	Endangered	G1	S1	WL
<i>Rhinichthys osculus ssp. 3</i> Santa Ana speckled dace	AFCJB3705K	None	None	G5T1	S1	SSC
<i>Ribes divaricatum var. parishii</i> Parish's gooseberry	PDGRO020F3	None	None	G5TX	SX	1A
<i>Riparia riparia</i> bank swallow	ABPAU08010	None	Threatened	G5	S2	
<i>Riversidian Alluvial Fan Sage Scrub</i> Riversidian Alluvial Fan Sage Scrub	CTT32720CA	None	None	G1	S1.1	
<i>Scutellaria bolanderi ssp. austromontana</i> southern mountains skullcap	PDLAM1U0A1	None	None	G4T3	S3	1B.2
<i>Setophaga petechia</i> yellow warbler	ABPBX03010	None	None	G5	S3S4	SSC
<i>Sidalcea neomexicana</i> salt spring checkerbloom	PDMAL110J0	None	None	G4	S2	2B.2
<i>Southern California Arroyo Chub/Santa Ana Sucker Stream</i> Southern California Arroyo Chub/Santa Ana Sucker Stream	CARE2330CA	None	None	GNR	SNR	
<i>Southern Coast Live Oak Riparian Forest</i> Southern Coast Live Oak Riparian Forest	CTT61310CA	None	None	G4	S4	
<i>Southern Cottonwood Willow Riparian Forest</i> Southern Cottonwood Willow Riparian Forest	CTT61330CA	None	None	G3	S3.2	
<i>Southern Mixed Riparian Forest</i> Southern Mixed Riparian Forest	CTT61340CA	None	None	G2	S2.1	
<i>Southern Sycamore Alder Riparian Woodland</i> Southern Sycamore Alder Riparian Woodland	CTT62400CA	None	None	G4	S4	
<i>Spea hammondi</i> western spadefoot	AAABF02020	None	None	G2G3	S3	SSC
<i>Symphotrichum defoliatum</i> San Bernardino aster	PDASTE80C0	None	None	G2	S2	1B.2
<i>Symphotrichum greatae</i> Greata's aster	PDASTE80U0	None	None	G2	S2	1B.3
<i>Taricha torosa</i> Coast Range newt	AAAAF02032	None	None	G4	S4	SSC
<i>Taxidea taxus</i> American badger	AMAJF04010	None	None	G5	S3	SSC
<i>Thamnophis hammondi</i> two-striped gartersnake	ARADB36160	None	None	G4	S3S4	SSC
<i>Thelypteris puberula var. sonorensis</i> Sonoran maiden fern	PPTHE05192	None	None	G5T3	S2	2B.2
<i>Vireo bellii pusillus</i> least Bell's vireo	ABPBW01114	Endangered	Endangered	G5T2	S2	



Selected Elements by Scientific Name
California Department of Fish and Wildlife
California Natural Diversity Database



Species	Element Code	Federal Status	State Status	Global Rank	State Rank	Rare Plant Rank/CDFW SSC or FP
Walnut Forest Walnut Forest	CTT81600CA	None	None	G1	S1.1	

Record Count: 103

Endangered species

This resource list is for informational purposes only and does not constitute an analysis of project level impacts.

The primary information used to generate this list is the known or expected range of each species. Additional areas of influence (AOI) for species are also considered. An AOI includes areas outside of the species range if the species could be indirectly affected by activities in that area (e.g., placing a dam upstream of a fish population even if that fish does not occur at the dam site, may indirectly impact the species by reducing or eliminating water flow downstream). Because species can move, and site conditions can change, the species on this list are not guaranteed to be found on or near the project area. To fully determine any potential effects to species, additional site-specific and project-specific information is often required.

Section 7 of the Endangered Species Act **requires** Federal agencies to "request of the Secretary information whether any species which is listed or proposed to be listed may be present in the area of such proposed action" for any project that is conducted, permitted, funded, or licensed by any Federal agency. A letter from the local office and a species list which fulfills this requirement can **only** be obtained by requesting an official species list from either the Regulatory Review section in IPaC (see directions below) or from the local field office directly.

For project evaluations that require USFWS concurrence/review, please return to the IPaC website and request an official species list by doing the following:

1. Draw the project location and click CONTINUE.
2. Click DEFINE PROJECT.
3. Log in (if directed to do so).
4. Provide a name and description for your project.
5. Click REQUEST SPECIES LIST.

Listed species¹ and their critical habitats are managed by the [Ecological Services Program](#) of the U.S. Fish and Wildlife Service (USFWS) and the fisheries division of the National Oceanic and Atmospheric Administration (NOAA Fisheries²).

Species and critical habitats under the sole responsibility of NOAA Fisheries are **not** shown on this list. Please contact [NOAA Fisheries](#) for [species under their jurisdiction](#).

1. Species listed under the [Endangered Species Act](#) are threatened or endangered; IPaC also shows species that are candidates, or proposed, for listing. See the [listing status page](#) for more information. IPaC only shows species that are regulated by USFWS (see FAQ).
2. [NOAA Fisheries](#), also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

The following species are potentially affected by activities in this location:

Birds

NAME

STATUS

California Condor *Gymnogyps californianus* Endangered

There is **final** critical habitat for this species. The location of the critical habitat is not available.

<https://ecos.fws.gov/ecp/species/8193>

Coastal California Gnatcatcher *Polioptila californica californica* Threatened

Wherever found

There is **final** critical habitat for this species. The location of the critical habitat is not available.

<https://ecos.fws.gov/ecp/species/8178>

Flowering Plants

NAME

STATUS

Braunton's Milk-vetch *Astragalus brauntonii* Endangered

Wherever found

There is **final** critical habitat for this species. The location of the critical habitat is not available.

<https://ecos.fws.gov/ecp/species/5674>

Critical habitats

Potential effects to critical habitat(s) in this location must be analyzed along with the endangered species themselves.

THERE ARE NO CRITICAL HABITATS AT THIS LOCATION.

Migratory birds

Certain birds are protected under the Migratory Bird Treaty Act¹ and the Bald and Golden Eagle Protection Act².

Any person or organization who plans or conducts activities that may result in impacts to migratory birds, eagles, and their habitats should follow appropriate regulations and consider implementing appropriate conservation measures, as described [below](#).

1. The [Migratory Birds Treaty Act](#) of 1918.
2. The [Bald and Golden Eagle Protection Act](#) of 1940.

Additional information can be found using the following links:

- Birds of Conservation Concern <http://www.fws.gov/birds/management/managed-species/birds-of-conservation-concern.php>
- Measures for avoiding and minimizing impacts to birds <http://www.fws.gov/birds/management/project-assessment-tools-and-guidance/>

[conservation-measures.php](#)

- Nationwide conservation measures for birds

<http://www.fws.gov/migratorybirds/pdf/management/nationwidestandardconservationmeasures.pdf>

The birds listed below are birds of particular concern either because they occur on the [USFWS Birds of Conservation Concern](#) (BCC) list or warrant special attention in your project location. To learn more about the levels of concern for birds on your list and how this list is generated, see the FAQ [below](#). This is not a list of every bird you may find in this location, nor a guarantee that every bird on this list will be found in your project area. To see exact locations of where birders and the general public have sighted birds in and around your project area, visit the [E-bird data mapping tool](#) (Tip: enter your location, desired date range and a species on your list). For projects that occur off the Atlantic Coast, additional maps and models detailing the relative occurrence and abundance of bird species on your list are available. Links to additional information about Atlantic Coast birds, and other important information about your migratory bird list, including how to properly interpret and use your migratory bird report, can be found [below](#).

For guidance on when to schedule activities or implement avoidance and minimization measures to reduce impacts to migratory birds on your list, click on the PROBABILITY OF PRESENCE SUMMARY at the top of your list to see when these birds are most likely to be present and breeding in your project area.

NAME

BREEDING SEASON (IF A BREEDING SEASON IS INDICATED FOR A BIRD ON YOUR LIST, THE BIRD MAY BREED IN YOUR PROJECT AREA SOMETIME WITHIN THE TIMEFRAME SPECIFIED, WHICH IS A VERY LIBERAL ESTIMATE OF THE DATES INSIDE WHICH THE BIRD BREEDS ACROSS ITS ENTIRE RANGE. "BREEDS ELSEWHERE" INDICATES THAT THE BIRD DOES NOT LIKELY BREED IN YOUR PROJECT AREA.)

Allen's Hummingbird *Selasphorus sasin*

Breeds Feb 1 to Jul 15

This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.

<https://ecos.fws.gov/ecp/species/9637>

Bald Eagle *Haliaeetus leucocephalus*

Breeds Jan 1 to Aug 31

This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities.

<https://ecos.fws.gov/ecp/species/1626>

<p>Burrowing Owl <i>Athene cunicularia</i> This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA https://ecos.fws.gov/ecp/species/9737</p>	Breeds Mar 15 to Aug 31
<p>California Thrasher <i>Toxostoma redivivum</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.</p>	Breeds Jan 1 to Jul 31
<p>Clark's Grebe <i>Aechmophorus clarkii</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.</p>	Breeds Jan 1 to Dec 31
<p>Common Yellowthroat <i>Geothlypis trichas sinuosa</i> This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA https://ecos.fws.gov/ecp/species/2084</p>	Breeds May 20 to Jul 31
<p>Costa's Hummingbird <i>Calypte costae</i> This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA https://ecos.fws.gov/ecp/species/9470</p>	Breeds Jan 15 to Jun 10
<p>Lawrence's Goldfinch <i>Carduelis lawrencei</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9464</p>	Breeds Mar 20 to Sep 20
<p>Lewis's Woodpecker <i>Melanerpes lewis</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9408</p>	Breeds Apr 20 to Sep 30
<p>Long-billed Curlew <i>Numenius americanus</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/5511</p>	Breeds elsewhere
<p>Marbled Godwit <i>Limosa fedoa</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9481</p>	Breeds elsewhere
<p>Nuttall's Woodpecker <i>Picoides nuttallii</i> This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA https://ecos.fws.gov/ecp/species/9410</p>	Breeds Apr 1 to Jul 20

<p>Oak Titmouse <i>Baeolophus inornatus</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9656</p>	Breeds Mar 15 to Jul 15
<p>Rufous Hummingbird <i>selasphorus rufus</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/8002</p>	Breeds elsewhere
<p>Song Sparrow <i>Melospiza melodia</i> This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA</p>	Breeds Feb 20 to Sep 5
<p>Spotted Towhee <i>Pipilo maculatus clementae</i> This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA https://ecos.fws.gov/ecp/species/4243</p>	Breeds Apr 15 to Jul 20
<p>Tricolored Blackbird <i>Agelaius tricolor</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/3910</p>	Breeds Mar 15 to Aug 10
<p>Whimbrel <i>Numenius phaeopus</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9483</p>	Breeds elsewhere
<p>Wrentit <i>Chamaea fasciata</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.</p>	Breeds Mar 15 to Aug 10

Probability of Presence Summary

The graphs below provide our best understanding of when birds of concern are most likely to be present in your project area. This information can be used to tailor and schedule your project activities to avoid or minimize impacts to birds. Please make sure you read and understand the FAQ "Proper Interpretation and Use of Your Migratory Bird Report" before using or attempting to interpret this report.

Probability of Presence (■)

Each green bar represents the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during a particular week of the year. (A year is represented as 12 4-week months.) A taller bar indicates a higher probability of species presence. The survey effort (see below) can be used to establish a level of confidence in the presence score. One can have higher confidence in the presence score if the corresponding survey effort is also high.

How is the probability of presence score calculated? The calculation is done in three steps:

1. The probability of presence for each week is calculated as the number of survey events in the week where the species was detected divided by the total number of survey events for that week. For example, if in week 12 there were 20 survey events and the Spotted Towhee was found in 5 of them, the probability of presence of the Spotted Towhee in week 12 is 0.25.
2. To properly present the pattern of presence across the year, the relative probability of presence is calculated. This is the probability of presence divided by the maximum probability of presence across all weeks. For example, imagine the probability of presence in week 20 for the Spotted Towhee is 0.05, and that the probability of presence at week 12 (0.25) is the maximum of any week of the year. The relative probability of presence on week 12 is $0.25/0.25 = 1$; at week 20 it is $0.05/0.25 = 0.2$.
3. The relative probability of presence calculated in the previous step undergoes a statistical conversion so that all possible values fall between 0 and 10, inclusive. This is the probability of presence score.

To see a bar's probability of presence score, simply hover your mouse cursor over the bar.

Breeding Season (■)

Yellow bars denote a very liberal estimate of the time-frame inside which the bird breeds across its entire range. If there are no yellow bars shown for a bird, it does not breed in your project area.

Survey Effort (|)

Vertical black lines superimposed on probability of presence bars indicate the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps. The number of surveys is expressed as a range, for example, 33 to 64 surveys.

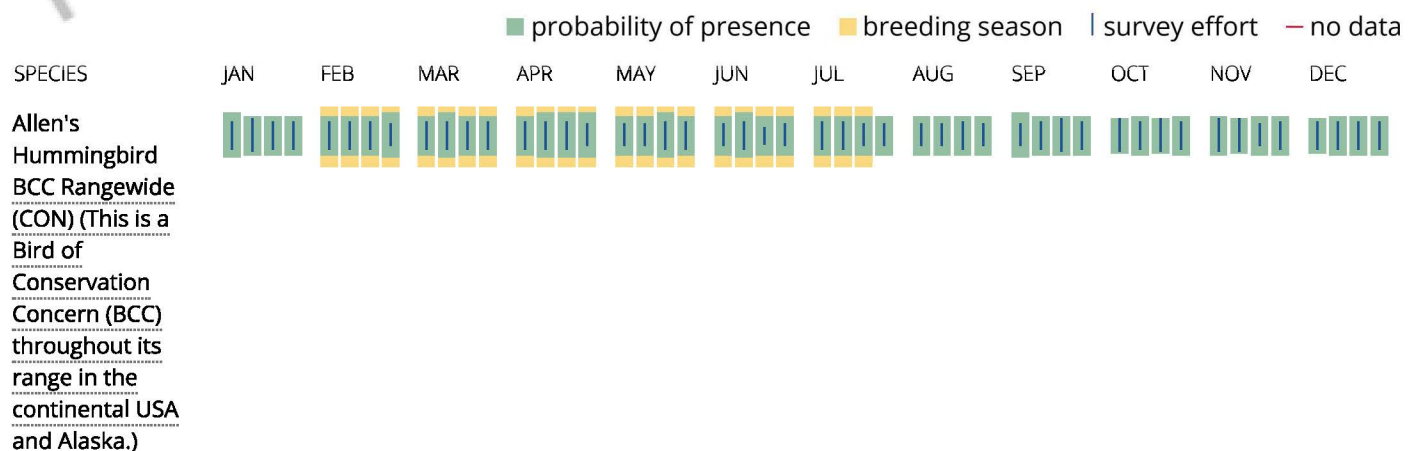
To see a bar's survey effort range, simply hover your mouse cursor over the bar.

No Data (—)

A week is marked as having no data if there were no survey events for that week.

Survey Timeframe

Surveys from only the last 10 years are used in order to ensure delivery of currently relevant information. The exception to this is areas off the Atlantic coast, where bird returns are based on all years of available data, since data in these areas is currently much more sparse.



Bald Eagle
 Non-BCC
 Vulnerable (This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities.)

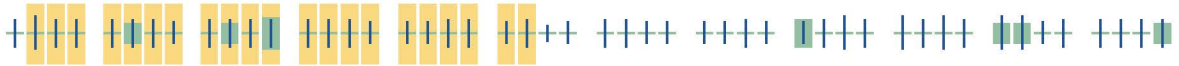
Burrowing Owl
 BCC - BCR (This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA)

California Thrasher
 BCC Rangewide (CON) (This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.)

Clark's Grebe
 BCC Rangewide (CON) (This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.)

Common Yellowthroat
 BCC - BCR (This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA)

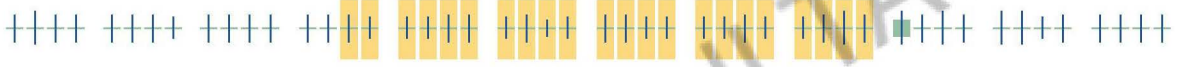
Costa's
Hummingbird
BCC - BCR (This is a
Bird of
Conservation
Concern (BCC) only
in particular Bird
Conservation
Regions (BCRs) in
the continental
USA)



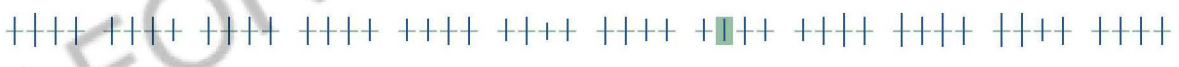
Lawrence's
Goldfinch
BCC Rangewide
(CON) (This is a
Bird of
Conservation
Concern (BCC)
throughout its
range in the
continental USA
and Alaska.)



Lewis's
Woodpecker
BCC Rangewide
(CON) (This is a
Bird of
Conservation
Concern (BCC)
throughout its
range in the
continental USA
and Alaska.)



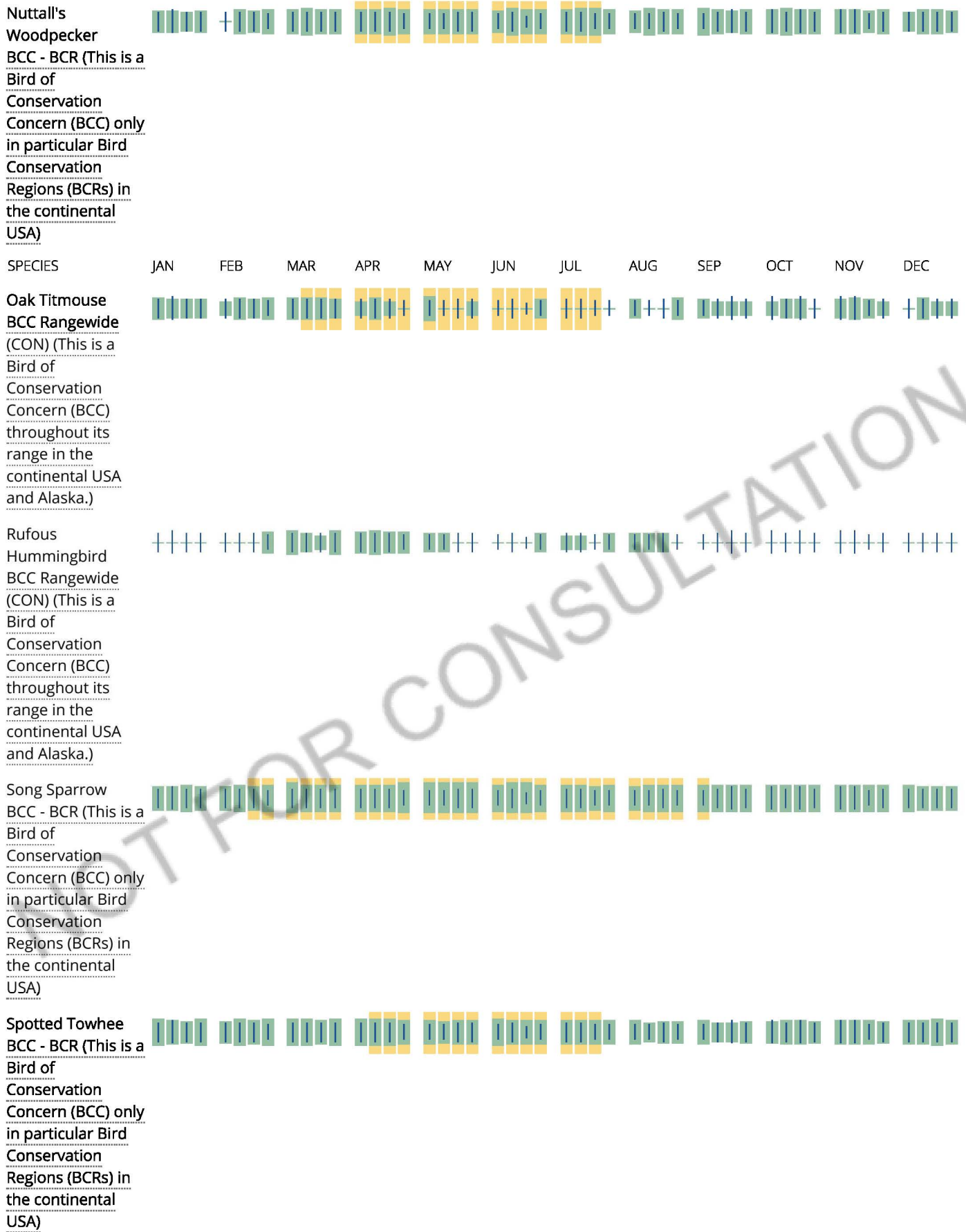
Long-billed Curlew
BCC Rangewide
(CON) (This is a
Bird of
Conservation
Concern (BCC)
throughout its
range in the
continental USA
and Alaska.)



Marbled Godwit
BCC Rangewide
(CON) (This is a
Bird of
Conservation
Concern (BCC)
throughout its
range in the
continental USA
and Alaska.)

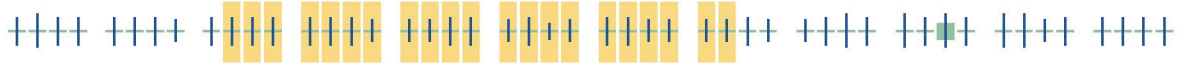


NOT FOR CONSULTATION



NOT FOR CONSULTATION

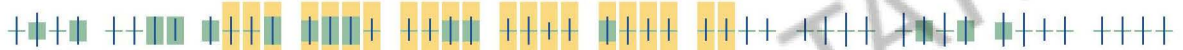
Tricolored
Blackbird
BCC Rangewide
(CON) (This is a
Bird of
Conservation
Concern (BCC)
throughout its
range in the
continental USA
and Alaska.)



Whimbrel
BCC Rangewide
(CON) (This is a
Bird of
Conservation
Concern (BCC)
throughout its
range in the
continental USA
and Alaska.)



Wrentit
BCC Rangewide
(CON) (This is a
Bird of
Conservation
Concern (BCC)
throughout its
range in the
continental USA
and Alaska.)



Tell me more about conservation measures I can implement to avoid or minimize impacts to migratory birds.

[Nationwide Conservation Measures](#) describes measures that can help avoid and minimize impacts to all birds at any location year round. Implementation of these measures is particularly important when birds are most likely to occur in the project area. When birds may be breeding in the area, identifying the locations of any active nests and avoiding their destruction is a very helpful impact minimization measure. To see when birds are most likely to occur and be breeding in your project area, view the Probability of Presence Summary. [Additional measures](#) or [permits](#) may be advisable depending on the type of activity you are conducting and the type of infrastructure or bird species present on your project site.

What does IPaC use to generate the migratory birds potentially occurring in my specified location?

The Migratory Bird Resource List is comprised of USFWS [Birds of Conservation Concern \(BCC\)](#) and other species that may warrant special attention in your project location.

The migratory bird list generated for your project is derived from data provided by the [Avian Knowledge Network \(AKN\)](#). The AKN data is based on a growing collection of [survey, banding, and citizen science datasets](#) and is queried and filtered to return a list of those birds reported as occurring in the 10km grid cell(s) which your project intersects, and that have been identified as warranting special attention because they are a BCC species in that area, an eagle ([Eagle Act](#) requirements may apply), or a species that has a particular vulnerability to offshore activities or development.

Again, the Migratory Bird Resource list includes only a subset of birds that may occur in your project area. It is not representative of all birds that may occur in your project area. To get a list of all birds potentially present in your project area, please visit the [AKN Phenology Tool](#).

What does IPaC use to generate the probability of presence graphs for the migratory birds potentially occurring in my specified location?

The probability of presence graphs associated with your migratory bird list are based on data provided by the [Avian Knowledge Network \(AKN\)](#). This data is derived from a growing collection of [survey, banding, and citizen science datasets](#).

Probability of presence data is continuously being updated as new and better information becomes available. To learn more about how the probability of presence graphs are produced and how to interpret them, go to the Probability of Presence Summary and then click on the "Tell me about these graphs" link.

How do I know if a bird is breeding, wintering, migrating or present year-round in my project area?

To see what part of a particular bird's range your project area falls within (i.e. breeding, wintering, migrating or year-round), you may refer to the following resources: [The Cornell Lab of Ornithology All About Birds Bird Guide](#), or (if you are unsuccessful in locating the bird of interest there), the [Cornell Lab of Ornithology Neotropical Birds guide](#). If a bird on your migratory bird species list has a breeding season associated with it, if that bird does occur in your project area, there may be nests present at some point within the timeframe specified. If "Breeds elsewhere" is indicated, then the bird likely does not breed in your project area.

What are the levels of concern for migratory birds?

Migratory birds delivered through IPaC fall into the following distinct categories of concern:

1. "BCC Rangewide" birds are [Birds of Conservation Concern](#) (BCC) that are of concern throughout their range anywhere within the USA (including Hawaii, the Pacific Islands, Puerto Rico, and the Virgin Islands);
2. "BCC - BCR" birds are BCCs that are of concern only in particular Bird Conservation Regions (BCRs) in the continental USA; and
3. "Non-BCC - Vulnerable" birds are not BCC species in your project area, but appear on your list either because of the [Eagle Act](#) requirements (for eagles) or (for non-eagles) potential susceptibilities in offshore areas from certain types of development or activities (e.g. offshore energy development or longline fishing).

Although it is important to try to avoid and minimize impacts to all birds, efforts should be made, in particular, to avoid and minimize impacts to the birds on this list, especially eagles and BCC species of rangewide concern. For more information on conservation measures you can implement to help avoid and minimize migratory bird impacts and requirements for eagles, please see the FAQs for these topics.

Details about birds that are potentially affected by offshore projects

For additional details about the relative occurrence and abundance of both individual bird species and groups of bird species within your project area off the Atlantic Coast, please visit the [Northeast Ocean Data Portal](#). The Portal also offers data and information about other taxa besides birds that may be helpful to you in your project review. Alternately, you may download the bird model results files underlying the portal maps through the [NOAA NCCOS Integrative Statistical Modeling and Predictive Mapping of Marine Bird Distributions and Abundance on the Atlantic Outer Continental Shelf](#) project webpage.

Bird tracking data can also provide additional details about occurrence and habitat use throughout the year, including migration. Models relying on survey data may not include this information. For additional information on marine bird tracking data, see the [Diving Bird Study](#) and the [nanotag studies](#) or contact [Caleb Spiegel](#) or [Pam Loring](#).

What if I have eagles on my list?

If your project has the potential to disturb or kill eagles, you may need to [obtain a permit](#) to avoid violating the Eagle Act should such impacts occur.

Proper Interpretation and Use of Your Migratory Bird Report

The migratory bird list generated is not a list of all birds in your project area, only a subset of birds of priority concern. To learn more about how your list is generated, and see options for identifying what other birds may be in your project area, please see the FAQ "What does IPaC use to generate the migratory birds potentially occurring in my specified location". Please be aware this report provides the "probability of presence" of birds within the 10 km grid cell(s) that overlap your project; not your exact project footprint. On the graphs provided, please also look carefully at the survey effort (indicated by the black vertical bar) and for the existence of the "no data" indicator (a red horizontal bar). A high survey effort is the key component. If the survey effort is high, then the probability of presence score can be viewed as more dependable. In contrast, a low survey effort bar or no data bar means a lack of data and, therefore, a lack of certainty about presence of the species. This list is not perfect; it is simply a starting point for identifying what birds of concern have the potential to be in your project area, when they might be there, and if they might be breeding (which means nests might be present). The list helps you know what to look for to confirm presence, and helps guide you in knowing when to implement conservation measures to avoid or minimize potential impacts from your project activities, should presence be confirmed. To learn more about conservation measures, visit the FAQ "Tell me about conservation measures I can implement to avoid or minimize impacts to migratory birds" at the bottom of your migratory bird trust resources page.

Facilities

National Wildlife Refuge lands

Any activity proposed on lands managed by the [National Wildlife Refuge](#) system must undergo a 'Compatibility Determination' conducted by the Refuge. Please contact the individual Refuges to discuss any questions or concerns.

THERE ARE NO REFUGE LANDS AT THIS LOCATION.

Fish hatcheries

THERE ARE NO FISH HATCHERIES AT THIS LOCATION.

Wetlands in the National Wetlands Inventory

Impacts to [NWI wetlands](#) and other aquatic habitats may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal statutes.

For more information please contact the Regulatory Program of the local [U.S. Army Corps of Engineers District](#).

THERE ARE NO KNOWN WETLANDS AT THIS LOCATION.

Data limitations

The Service's objective of mapping wetlands and deepwater habitats is to produce reconnaissance level information on the location, type and size of these resources. The maps are prepared from the analysis of high altitude imagery. Wetlands are identified based on vegetation, visible hydrology and geography. A margin of error is inherent in the use of imagery; thus, detailed on-the-ground inspection of any particular site may result in revision of the wetland boundaries or classification established through image analysis.

The accuracy of image interpretation depends on the quality of the imagery, the experience of the image analysts, the amount and quality of the collateral data and the amount of ground truth verification work conducted. Metadata should be consulted to determine the date of the source imagery used and any mapping problems.

Wetlands or other mapped features may have changed since the date of the imagery or field work. There may be occasional differences in polygon boundaries or classifications between the information depicted on the map and the actual conditions on site.

Data exclusions

Certain wetland habitats are excluded from the National mapping program because of the limitations of aerial imagery as the primary data source used to detect wetlands. These habitats include seagrasses or submerged aquatic vegetation that are found in the intertidal and subtidal zones of estuaries and nearshore coastal waters. Some deepwater reef communities (coral or tubercid worm reefs) have also been excluded from the inventory. These habitats, because of their depth, go undetected by aerial imagery.

Data precautions

Federal, state, and local regulatory agencies with jurisdiction over wetlands may define and describe wetlands in a different manner than that used in this inventory. There is no attempt, in either the design or products of this inventory, to define the limits of proprietary jurisdiction of any Federal, state, or local government or to establish the geographical scope of the regulatory programs of government agencies. Persons intending to engage in activities involving modifications within or adjacent to wetland areas should seek the advice of appropriate federal, state, or local agencies concerning specified agency regulatory programs and proprietary jurisdictions that may affect such activities.

Search:

Search Results

84 matches found. Click on scientific name for details

Search Criteria: Quad is one of [3411821,3411832,3411831,3411738,3411728,3411822,3411812,3411811,3411718]

Search:

▲ SCIENTIFIC NAME	COMMON NAME	LIFEFORM	BLOOMING PERIOD	FED LIST	STATE LIST	CA RARE PLANT RANK
<i>Acanthoscyphus parishii</i> var. <i>parishii</i>	Parish's oxytheca	annual herb	Jun-Sep	None	None	4.2
<i>Anomobryum julaceum</i>	slender silver moss	moss		None	None	4.2
<i>Arctostaphylos gabilanensis</i>	Gabilan Mountains manzanita	perennial evergreen shrub	Jan	None	None	1B.2
<i>Arctostaphylos glandulosa</i> ssp. <i>gabrielensis</i>	San Gabriel manzanita	perennial evergreen shrub	Mar	None	None	1B.2
<i>Arctostaphylos parryana</i> ssp. <i>tumescens</i>	interior manzanita	perennial evergreen shrub	Feb-Apr	None	None	4.3
<i>Asplenium vespertinum</i>	western spleenwort	perennial rhizomatous herb	Feb-Jun	None	None	4.2
<i>Astragalus brauntonii</i>	Braunton's milk-vetch	perennial herb	Jan-Aug	FE	None	1B.1
<i>Astragalus pulsiferae</i> var. <i>coronensis</i>	Modoc Plateau milk-vetch	perennial herb	(Apr)May-Jul	None	None	4.2
<i>Atriplex serenana</i> var. <i>davidsonii</i>	Davidson's saltscale	annual herb	Apr-Oct	None	None	1B.2
<i>Berberis nevini</i>	Nevin's barberry	perennial evergreen shrub	(Feb)Mar-Jun	FE	CE	1B.1
<i>Calochortus catalinae</i>	Catalina mariposa lily	perennial bulbiferous herb	(Feb)Mar-Jun	None	None	4.2
<i>Calochortus clavatus</i> var. <i>clavatus</i>	club-haired mariposa lily	perennial bulbiferous herb	(Mar)May-Jun	None	None	4.3
<i>Calochortus clavatus</i> var. <i>gracilis</i>	slender mariposa-lily	perennial bulbiferous herb	Mar-Jun(Nov)	None	None	1B.2
<i>Calochortus palmeri</i> var. <i>palmeri</i>	Palmer's mariposa-lily	perennial bulbiferous herb	Apr-Jul	None	None	1B.2
<i>Calochortus plummerae</i>	Plummer's mariposa-lily	perennial bulbiferous herb	May-Jul	None	None	4.2
<i>Calochortus striatus</i>	alkali mariposa lily	perennial bulbiferous herb	Apr-Jun	None	None	1B.2

<u>▲ SCIENTIFIC NAME</u> <u>intermedius</u>	intermediate mariposa-lily	perennial bulbiferous herb	EMERGING May-Jul	FED None	STATE None	RA RARE PLANT RANK 1B.2
<u>Castilleja gleasoni</u>	Mt. Gleason paintbrush	perennial herb (hemiparasitic)	May-Jun(Sep)	None	CR	1B.2
<u>Castilleja plagiotoma</u>	Mojave paintbrush	perennial herb (hemiparasitic)	Apr-Jun	None	None	4.3
<u>Centromadia parryi ssp. australis</u>	southern tarplant	annual herb	May-Nov	None	None	1B.1
<u>Centromadia pungens ssp. laevis</u>	smooth tarplant	annual herb	Apr-Sep	None	None	1B.1
<u>Chorizanthe parryi var. parryi</u>	Parry's spineflower	annual herb	Apr-Jun	None	None	1B.1
<u>Cladium californicum</u>	California saw-grass	perennial rhizomatous herb	Jun-Sep	None	None	2B.2
<u>Claytonia peirsonii ssp. peirsonii</u>	Peirson's spring beauty	perennial herb	(Mar)May-Jun	None	None	1B.2
<u>Clinopodium mimuloides</u>	monkey-flower savory	perennial herb	Jun-Oct	None	None	4.2
<u>Cuscuta obtusiflora var. glandulosa</u>	Peruvian dodder	annual vine (parasitic)	Jul-Oct	None	None	2B.2
<u>Diplacus johnstonii</u>	Johnston's monkeyflower	annual herb	May-Aug	None	None	4.3
<u>Dodecahema leptoceras</u>	slender-horned spineflower	annual herb	Apr-Jun	FE	CE	1B.1
<u>Dudleya cymosa ssp. crebrifolia</u>	San Gabriel River dudleya	perennial herb	Apr-Jul	None	None	1B.2
<u>Dudleya densiflora</u>	San Gabriel Mountains dudleya	perennial herb	Mar-Jul	None	None	1B.1
<u>Dudleya multicaulis</u>	many-stemmed dudleya	perennial herb	Apr-Jul	None	None	1B.2
<u>Eriogonum umbellatum var. minus</u>	alpine sulfur-flowered buckwheat	perennial herb	Jun-Sep	None	None	4.3
<u>Erythranthe diffusa</u>	Palomar monkeyflower	annual herb	Apr-Jun	None	None	4.3
<u>Frasera neglecta</u>	pine green-gentian	perennial herb	May-Jul	None	None	4.3
<u>Galium angustifolium ssp. gabrielense</u>	San Antonio Canyon bedstraw	perennial herb	Apr-Aug	None	None	4.3
<u>Galium angustifolium ssp. gracillimum</u>	slender bedstraw	perennial herb	Apr-Jun(Jul)	None	None	4.2
<u>Galium cliftonsmithii</u>	Santa Barbara bedstraw	perennial herb	May-Jul	None	None	4.3
<u>Galium grande</u>	San Gabriel bedstraw	perennial deciduous shrub	Jan-Jul	None	None	1B.2
<u>Galium jepsonii</u>	Jepson's bedstraw	perennial rhizomatous herb	Jul-Aug	None	None	4.3
<u>Galium johnstonii</u>	Johnston's bedstraw	perennial herb	Jun-Jul	None	None	4.3
<u>Harpagonella palmeri</u>	Palmer's grapplinghook	annual herb	Mar-May	None	None	4.2
<u>Helianthus nuttallii ssp. parishii</u>	Los Angeles sunflower	perennial rhizomatous herb	Aug-Oct	None	None	1A
<u>Heuchera abramsii</u>	Abrams' alumroot	perennial rhizomatous herb	Jul-Aug	None	None	4.3
<u>Hordeum intercedens</u>	vernal barley	annual herb	Mar-Jun	None	None	3.2

<i>Horkelia cuneata</i> var. <i>puberula</i>	mesa horkelia	perennial herb	Feb-Jul(Sep) BLOOMING	None FED	None STATE	1B.1 CA RARE
<i>Hulsea vestita</i> var. <i>gabrielensis</i>	San Gabriel Mountains sunflower	perennial herb	May-Jul	None	None	1B.3 PLANT RANK
<i>Hulsea vestita</i> ssp. <i>parryi</i>	Parry's sunflower	perennial herb	Apr-Aug	None	None	4.3
<i>Imperata brevifolia</i>	California satintail	perennial rhizomatous herb	Sep-May	None	None	2B.1
<i>Juglans californica</i>	Southern California black walnut	perennial deciduous tree	Mar-Aug	None	None	4.2
<i>Juncus duranii</i>	Duran's rush	perennial rhizomatous herb	Jul-Aug	None	None	4.3
<i>Lasthenia glabrata</i> ssp. <i>coulteri</i>	Coulter's goldfields	annual herb	Feb-Jun	None	None	1B.1
<i>Lepechinia fragrans</i>	fragrant pitcher sage	perennial shrub	Mar-Oct	None	None	4.2
<i>Lepidium virginicum</i> var. <i>robinsonii</i>	Robinson's pepper-grass	annual herb	Jan-Jul	None	None	4.3
<i>Lilium humboldtii</i> ssp. <i>ocellatum</i>	ocellated Humboldt lily	perennial bulbiferous herb	Mar-Jul(Aug)	None	None	4.2
<i>Lilium parryi</i>	lemon lily	perennial bulbiferous herb	Jul-Aug	None	None	1B.2
<i>Linanthus concinnus</i>	San Gabriel linanthus	annual herb	Apr-Jul	None	None	1B.2
<i>Lupinus albifrons</i> var. <i>johnstonii</i>	interior bush lupine	perennial shrub	May-Jul	None	None	4.3
<i>Lupinus elatus</i>	silky lupine	perennial herb	Jun-Aug	None	None	4.3
<i>Lupinus peirsonii</i>	Peirson's lupine	perennial herb	Apr-Jun	None	None	1B.3
<i>Malacothamnus davidsonii</i>	Davidson's bush-mallow	perennial deciduous shrub	Jun-Jan	None	None	1B.2
<i>Monardella australis</i> ssp. <i>cinerea</i>	gray monardella	perennial rhizomatous herb	Jul-Aug	None	None	4.3
<i>Muhlenbergia californica</i>	California muhly	perennial rhizomatous herb	Jun-Sep	None	None	4.3
<i>Navarretia prostrata</i>	prostrate vernal pool navarretia	annual herb	Apr-Jul	None	None	1B.2
<i>Nemacladus secundiflorus</i> var. <i>robbinsii</i>	Robbins' nemacladus	annual herb	Apr-Jun	None	None	1B.2
<i>Opuntia basilaris</i> var. <i>brachyclada</i>	short-joint beavertail	perennial stem	Apr-Jun(Aug)	None	None	1B.2
<i>Oreonana vestita</i>	woolly mountain-parsley	perennial herb	Mar-Sep	None	None	1B.3
<i>Orobanche valida</i> ssp. <i>valida</i>	Rock Creek broomrape	perennial herb (parasitic)	May-Sep	None	None	1B.2
<i>Packera ionophylla</i>	Tehachapi ragwort	perennial herb	Jun-Jul	None	None	4.3
<i>Phacelia hubbyi</i>	Hubby's phacelia	annual herb	Apr-Jul	None	None	4.2
<i>Phacelia mohavensis</i>	Mojave phacelia	annual herb	Apr-Aug	None	None	4.3
<i>Phacelia stellaris</i>	Brand's star phacelia	annual herb	Mar-Jun	None	None	1B.1
<i>Pseudognaphalium leucocephalum</i>	white rabbit-tobacco	perennial herb	(Jul)Aug- Nov(Dec)	None	None	2B.2
<i>Quercus durata</i> var. <i>gabrielensis</i>	San Gabriel oak	perennial evergreen	Apr-May	None	None	4.2

▲ SCIENTIFIC NAME	COMMON NAME	shrub LIFEFORM	BLOOMING PERIOD	FED LIST	STATE LIST	CA RARE PLANT RANK
<i>Quercus engelmannii</i>	Engelmann oak	perennial deciduous tree	Mar-Jun	None	None	4.2
<i>Ribes divaricatum</i> var. <i>parishii</i>	Parish's gooseberry	perennial deciduous shrub	Feb-Apr	None	None	1A
<i>Romneya coulteri</i>	Coulter's matilija poppy	perennial rhizomatous herb	Mar-Jul(Aug)	None	None	4.2
<i>Rupertia rigida</i>	Parish's rupertia	perennial herb	Jun-Aug	None	None	4.3
<i>Scutellaria bolanderi</i> ssp. <i>austromontana</i>	southern mountains skullcap	perennial rhizomatous herb	Jun-Aug	None	None	1B.2
<i>Senecio astephanus</i>	San Gabriel ragwort	perennial herb	May-Jul	None	None	4.3
<i>Sidalcea neomexicana</i>	salt spring checkerbloom	perennial herb	Mar-Jun	None	None	2B.2
<i>Sidothea caryophylloides</i>	chickweed oxytheca	annual herb	Jul-Sep(Oct)	None	None	4.3
<i>Symphotrichum defoliatum</i>	San Bernardino aster	perennial rhizomatous herb	Jul-Nov	None	None	1B.2
<i>Symphotrichum greatae</i>	Greata's aster	perennial rhizomatous herb	Jun-Oct	None	None	1B.3
<i>Thelypteris puberula</i> var. <i>sonorensis</i>	Sonoran maiden fern	perennial rhizomatous herb	Jan-Sep	None	None	2B.2

Showing 1 to 84 of 84 entries

CONTACT US

Send questions and comments to rareplants@cnps.org.



Developed by
Rincon Consultants, Inc.

ABOUT THIS WEBSITE

[About the Inventory](#)
[Release Notes](#)
[Advanced Search](#)
[Glossary](#)

ABOUT CNPS

[About the Rare Plant Program](#)
[CNPS Home Page](#)
[About CNPS](#)
[Join CNPS](#)

CONTRIBUTORS

[The Calflora Database](#)
[The California Lichen Society](#)
[California Natural Diversity Database](#)
[The Jepson Flora Project](#)
[The Consortium of California Herbaria](#)
[CalPhotos](#)

[Log in](#)

Copyright © 2010-2021 California Native Plant Society. All rights reserved.