

Appendix 3.2-1
Biological Database Queries



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



Query Criteria: Quad((San Francisco South (3712264)))

Species	Element Code	Federal Status	State Status	Global Rank	State Rank	Rare Plant Rank/CDFW SSC or FP
adobe sanicle <i>Sanicula maritima</i>	PDAP11Z0D0	None	Rare	G2	S2	1B.1
Alameda song sparrow <i>Melospiza melodia pusillula</i>	ABPBXA301S	None	None	G5T2T3	S2	SSC
alkali milk-vetch <i>Astragalus tener var. tener</i>	PDFAB0F8R1	None	None	G2T1	S1	1B.2
American peregrine falcon <i>Falco peregrinus anatum</i>	ABNKD06071	Delisted	Delisted	G4T4	S3S4	
arcuate bushmallow <i>Malacothamnus arcuatus var. arcuatus</i>	PDMAL0Q0E0	None	None	G2Q	S2	1B.2
bank swallow <i>Riparia riparia</i>	ABPAU08010	None	Threatened	G5	S3	
Bay checkerspot butterfly <i>Euphydryas editha bayensis</i>	IILEPK4055	Threatened	None	G4G5T1	S3	
beach layia <i>Layia carnosa</i>	PDAST5N010	Threatened	Endangered	G2	S2	1B.1
bent-flowered fiddleneck <i>Amsinckia lunaris</i>	PDBOR01070	None	None	G3	S3	1B.2
blue coast gilia <i>Gilia capitata ssp. chamissonis</i>	PDPLM040B3	None	None	G5T2	S2	1B.1
bristly sedge <i>Carex comosa</i>	PMCYP032Y0	None	None	G5	S2	2B.1
bumblebee scarab beetle <i>Lichnanthe ursina</i>	IICOL67020	None	None	G2	S2	
California black rail <i>Laterallus jamaicensis coturniculus</i>	ABNME03041	None	Threatened	G3T1	S2	FP
California red-legged frog <i>Rana draytonii</i>	AAABH01022	Threatened	None	G2G3	S2S3	SSC
California Ridgway's rail <i>Rallus obsoletus obsoletus</i>	ABNME05011	Endangered	Endangered	G3T1	S2	FP
California seablite <i>Suaeda californica</i>	PDCHE0P020	Endangered	None	G1	S1	1B.1
callippe silverspot butterfly <i>Speyeria callippe callippe</i>	IILEPJ6091	Endangered	None	G5T1	S1	
chaparral ragwort <i>Senecio aphanactis</i>	PDAST8H060	None	None	G3	S2	2B.2
Choris' popcornflower <i>Plagiobothrys chorisianus var. chorisianus</i>	PDBOR0V061	None	None	G3T1Q	S1	1B.2
coastal triquetrella <i>Triquetrella californica</i>	NBMUS7S010	None	None	G2	S2	1B.2



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compact cobwebby thistle <i>Cirsium occidentale</i> var. <i>compactum</i>	PDAST2E1Z1	None	None	G3G4T2	S2	1B.2
congested-headed hayfield tarplant <i>Hemizonia congesta</i> ssp. <i>congesta</i>	PDAST4R0W1	None	None	G5T2	S2	1B.2
dark-eyed gilia <i>Gilia millefoliata</i>	PDPLM04130	None	None	G2	S2	1B.2
Diablo helianthella <i>Helianthella castanea</i>	PDAST4M020	None	None	G2	S2	1B.2
double-crested cormorant <i>Nannopterum auritum</i>	ABNFD01020	None	None	G5	S4	WL
fragrant fritillary <i>Fritillaria liliacea</i>	PMLIL0V0C0	None	None	G2	S2	1B.2
Franciscan manzanita <i>Arctostaphylos franciscana</i>	PDERI040J3	Endangered	None	GHC	S1	1B.1
Franciscan onion <i>Allium peninsulare</i> var. <i>franciscanum</i>	PMLIL021R1	None	None	G4G5T2	S2	1B.2
Franciscan thistle <i>Cirsium andrewsii</i>	PDAST2E050	None	None	G3	S3	1B.2
green sturgeon - southern DPS <i>Acipenser medirostris</i> pop. 1	AFCAA01031	Threatened	None	G2T1	S1	SSC
hardhead <i>Mylopharodon conocephalus</i>	AFCJB25010	None	None	G3	S3	SSC
hoary bat <i>Lasiurus cinereus</i>	AMACC05032	None	None	G3G4	S4	
incredible harvestman <i>Banksula incredula</i>	ILARA14100	None	None	G1	S1	
Kellogg's horkelia <i>Horkelia cuneata</i> var. <i>sericea</i>	PDR0S0W043	None	None	G4T1?	S1?	1B.1
Leech's skyline diving beetle <i>Hydroporus leechi</i>	IICOL55040	None	None	G3	S2S3	
longfin smelt - San Francisco Bay-Delta DPS <i>Spirinchus thaleichthys</i> pop. 2	AFCHB03040	Endangered	Threatened	G5TNRQ	S1	
Mission blue butterfly <i>Icaricia icarioides missionensis</i>	IILEPG801A	Endangered	None	G5T2	S2	
Montara manzanita <i>Arctostaphylos montaraensis</i>	PDERI042W0	None	None	G1	S1	1B.2
Monterey vagrant shrew <i>Sorex vagrans paludivagus</i>	AMABA01072	None	None	G5T1	S2	
North American porcupine <i>Erethizon dorsatum</i>	AMAFJ01010	None	None	G5	S3	
northern curly-leaved monardella <i>Monardella sinuata</i> ssp. <i>nigrescens</i>	PDLAM18162	None	None	G3T2	S2	1B.2



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northwestern pond turtle <i>Actinemys marmorata</i>	ARAAD02031	Proposed Threatened	None	G2	SNR	SSC
obscure bumble bee <i>Bombus caliginosus</i>	IIHYM24380	None	None	G2G3	S1S2	
Opler's longhorn moth <i>Adela oplerella</i>	IILEE0G040	None	None	G2	S2	
Pacific manzanita <i>Arctostaphylos pacifica</i>	PDERI040Z0	None	Endangered	G1	S1	1B.1
Pacific walker <i>Pomatiopsis californica</i>	IMGASJ9020	None	None	G1	S1	
pappose tarplant <i>Centromadia parryi ssp. parryi</i>	PDAST4R0P2	None	None	G3T2	S2	1B.2
Pheres blue butterfly <i>Icaricia icarioides pheres</i>	IILEPG8019	None	None	G5TX	SX	
Point Reyes horkelia <i>Horkelia marinensis</i>	PDROS0W0B0	None	None	G2	S2	1B.2
Presidio manzanita <i>Arctostaphylos montana ssp. ravenii</i>	PDERI040J2	Endangered	Endangered	G3T1	S1	1B.1
Robbins' broomrape <i>Aphyllon robbinsii</i>	PDORO040Q0	None	None	G1	S1	1B.1
robust spineflower <i>Chorizanthe robusta var. robusta</i>	PDPGN040Q2	Endangered	None	G2T1	S1	1B.1
rose leptosiphon <i>Leptosiphon rosaceus</i>	PDPLM09180	None	None	G1	S1	1B.1
round-headed collinsia <i>Collinsia corymbosa</i>	PDSCR0H060	None	None	G1	S1	1B.2
saltmarsh common yellowthroat <i>Geothlypis trichas sinuosa</i>	ABPBX1201A	None	None	G5T3	S3	SSC
San Bruno elfin butterfly <i>Callophrys mossii bayensis</i>	IILEPE2202	Endangered	None	G4T2	S2	
San Bruno Mountain manzanita <i>Arctostaphylos imbricata</i>	PDERI040L0	None	Endangered	G1	S1	1B.1
San Francisco Bay Area leaf-cutter bee <i>Trachusa gummifera</i>	IIHYM80010	None	None	G1	S1	
San Francisco Bay spineflower <i>Chorizanthe cuspidata var. cuspidata</i>	PDPGN04081	None	None	G2T1	S1	1B.2
San Francisco champion <i>Silene verecunda ssp. verecunda</i>	PDCAR0U213	None	None	G5T1	S1	1B.2
San Francisco collinsia <i>Collinsia multicolor</i>	PDSCR0H0B0	None	None	G2	S2	1B.2
San Francisco forktail damselfly <i>Ischnura gemina</i>	IIOD072010	None	None	G2	S2	



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San Francisco gartersnake <i>Thamnophis sirtalis tetrataenia</i>	ARADB3613B	Endangered	Endangered	G5T2Q	S2	FP
San Francisco gumplant <i>Grindelia hirsutula</i> var. <i>maritima</i>	PDAST470D3	None	None	G5T1Q	S1	3.2
San Francisco lessingia <i>Lessingia germanorum</i>	PDAST5S010	Endangered	Endangered	G1	S1	1B.1
San Francisco owl's-clover <i>Triphysaria floribunda</i>	PDSCR2T010	None	None	G2?	S2?	1B.2
sandy beach tiger beetle <i>Cicindela hirticollis gravida</i>	IICOL02101	None	None	G5T2	S2	
Scouler's catchfly <i>Silene scouleri</i> ssp. <i>scouleri</i>	PDCAR0U1MC	None	None	G5T4T5	S2S3	2B.2
short-leaved evax <i>Hesperexax sparsiflora</i> var. <i>brevifolia</i>	PDASTE5011	None	None	G4T3	S3	1B.2
Stage's dufourine bee <i>Dufourea stagei</i>	IIHYM22010	None	None	G1G2	S1	
tidewater goby <i>Eucyclogobius newberryi</i>	AFCQN04010	Endangered	None	G3	S3	SSC
Tomales isopod <i>Caecidotea tomalensis</i>	ICMAL01220	None	None	G2	S2S3	
Townsend's big-eared bat <i>Corynorhinus townsendii</i>	AMACC08010	None	None	G4	S2	SSC
two-fork clover <i>Trifolium amoenum</i>	PDFAB40040	Endangered	None	G1	S1	1B.1
water star-grass <i>Heteranthera dubia</i>	PMPON03010	None	None	G5	S2	2B.2
western bumble bee <i>Bombus occidentalis</i>	IIHYM24252	None	Candidate Endangered	G3	S1	
white-rayed pentachaeta <i>Pentachaeta bellidiflora</i>	PDAST6X030	Endangered	Endangered	G1	S1	1B.1

Record Count: 77

Scientific	Common	Family	Lifeform	CRPR	GRank	SRank	OtherStat	CESA	FESA	Blooming	F	Habitat	Microhabi	Microhabi	Elevation	Elevation	Elevation	Elevation	CA	Endemi	States	Counties	Quads	EOTotal	EOA	EOB	EOC	EOD	EOX	EOU	EOHistoric	EORecent	EOExtant	EOPossibl	EOExtirpat	EOThreat	ThreatList	ThreatList	ThreatList	Notes	Threats	DateAdd	LastUpdat	CRPR	ChangeDate
Layia	carriacou	Asteraceae	annual herb	1B.1	G2	S2	SB_CalBG	CE	FT	Mar-Jul	Coastal dunes, Coastal scrub	(s)	0	0	60	195	FALSE	CA, OR	HUM, MN	Cannibal			25	2	10	6	0	4	3	12	13	21	2	2	23	12	Biocides, Reclassifi	Threatene	1/1/1988	6/6/2023					
Pentstemon	white-raye	Asteraceae	annual herb	1B.1	G1	S1	SB_UCBG	CE	FE	Mar-May	Cismontane woodland, Valley ar		35	115	620	2035	TRUE	CA	MRN, SCR	Big Basin			14	1	0	0	0	10	3	14	0	4	4	6	3	5	Non-nativ	Historical occurrence	1/1/1974	#####					



United States Department of the Interior



FISH AND WILDLIFE SERVICE
Sacramento Fish And Wildlife Office
Federal Building
2800 Cottage Way, Room W-2605
Sacramento, CA 95825-1846
Phone: (916) 414-6600 Fax: (916) 414-6713

In Reply Refer To:

01/09/2025 20:24:53 UTC

Project Code: 2025-0039833

Project Name: Tanforan Planned Development Project

Subject: List of threatened and endangered species that may occur in your proposed project location or may be affected by your proposed project

To Whom It May Concern:

The enclosed species list identifies threatened, endangered, proposed and candidate species, as well as proposed and final designated critical habitat, that may occur within the boundary of your proposed project and/or may be affected by your proposed project. The species list fulfills the requirements of the U.S. Fish and Wildlife Service (Service) under section 7(c) of the Endangered Species Act (Act) of 1973, as amended (16 U.S.C. 1531 *et seq.*).

New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list. Please feel free to contact us if you need more current information or assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat. Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the Act, the accuracy of this species list should be verified after 90 days. This verification can be completed formally or informally as desired. The Service recommends that verification be completed by visiting the IPaC website at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through the IPaC system by completing the same process used to receive the enclosed list.

The purpose of the Act is to provide a means whereby threatened and endangered species and the ecosystems upon which they depend may be conserved. Under sections 7(a)(1) and 7(a)(2) of the Act and its implementing regulations (50 CFR 402 *et seq.*), Federal agencies are required to utilize their authorities to carry out programs for the conservation of threatened and endangered species and to determine whether projects may affect threatened and endangered species and/or designated critical habitat.

A Biological Assessment is required for construction projects (or other undertakings having similar physical impacts) that are major Federal actions significantly affecting the quality of the human environment as defined in the National Environmental Policy Act (42 U.S.C. 4332(2))

(c)). For projects other than major construction activities, the Service suggests that a biological evaluation similar to a Biological Assessment be prepared to determine whether the project may affect listed or proposed species and/or designated or proposed critical habitat. Recommended contents of a Biological Assessment are described at 50 CFR 402.12.

If a Federal agency determines, based on the Biological Assessment or biological evaluation, that listed species and/or designated critical habitat may be affected by the proposed project, the agency is required to consult with the Service pursuant to 50 CFR 402. In addition, the Service recommends that candidate species, proposed species and proposed critical habitat be addressed within the consultation. More information on the regulations and procedures for section 7 consultation, including the role of permit or license applicants, can be found in the "Endangered Species Consultation Handbook" at:

<https://www.fws.gov/sites/default/files/documents/endangered-species-consultation-handbook.pdf>

Migratory Birds: In addition to responsibilities to protect threatened and endangered species under the Endangered Species Act (ESA), there are additional responsibilities under the Migratory Bird Treaty Act (MBTA) and the Bald and Golden Eagle Protection Act (BGEPA) to protect native birds from project-related impacts. Any activity, intentional or unintentional, resulting in take of migratory birds, including eagles, is prohibited unless otherwise permitted by the U.S. Fish and Wildlife Service (50 C.F.R. Sec. 10.12 and 16 U.S.C. Sec. 668(a)). For more information regarding these Acts, see <https://www.fws.gov/program/migratory-bird-permit/what-we-do>.

The MBTA has no provision for allowing take of migratory birds that may be unintentionally killed or injured by otherwise lawful activities. It is the responsibility of the project proponent to comply with these Acts by identifying potential impacts to migratory birds and eagles within applicable NEPA documents (when there is a federal nexus) or a Bird/Eagle Conservation Plan (when there is no federal nexus). Proponents should implement conservation measures to avoid or minimize the production of project-related stressors or minimize the exposure of birds and their resources to the project-related stressors. For more information on avian stressors and recommended conservation measures, see <https://www.fws.gov/library/collections/threats-birds>.

In addition to MBTA and BGEPA, Executive Order 13186: *Responsibilities of Federal Agencies to Protect Migratory Birds*, obligates all Federal agencies that engage in or authorize activities that might affect migratory birds, to minimize those effects and encourage conservation measures that will improve bird populations. Executive Order 13186 provides for the protection of both migratory birds and migratory bird habitat. For information regarding the implementation of Executive Order 13186, please visit <https://www.fws.gov/partner/council-conservation-migratory-birds>.

We appreciate your concern for threatened and endangered species. The Service encourages Federal agencies to include conservation of threatened and endangered species into their project planning to further the purposes of the Act. Please include the Consultation Code in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.

Attachment(s):

- Official Species List

OFFICIAL SPECIES LIST

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

Sacramento Fish And Wildlife Office

Federal Building

2800 Cottage Way, Room W-2605

Sacramento, CA 95825-1846

(916) 414-6600

PROJECT SUMMARY

Project Code: 2025-0039833

Project Name: Tanforan Planned Development Project

Project Type: Commercial Development

Project Description: Demolishing Tanforan Mall and constructing various structures and retail spaces

Project Location:

The approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@37.636630600000004,-122.417795717214,14z>



Counties: San Mateo County, California

ENDANGERED SPECIES ACT SPECIES

There is a total of 17 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries¹, as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

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1. [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.

MAMMALS

NAME	STATUS
Salt Marsh Harvest Mouse <i>Reithrodontomys raviventris</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/613	Endangered

BIRDS

NAME	STATUS
California Least Tern <i>Sternula antillarum browni</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/8104	Endangered
California Ridgway's Rail <i>Rallus obsoletus obsoletus</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/4240	Endangered
Marbled Murrelet <i>Brachyramphus marmoratus</i> Population: U.S.A. (CA, OR, WA) There is final critical habitat for this species. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/4467	Threatened
Western Snowy Plover <i>Charadrius nivosus nivosus</i> Population: Pacific Coast population DPS-U.S.A. (CA, OR, WA), Mexico (within 50 miles of Pacific coast) There is final critical habitat for this species. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/8035	Threatened

REPTILES

NAME	STATUS
Green Sea Turtle <i>Chelonia mydas</i> Population: East Pacific DPS No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/6199	Threatened
Northwestern Pond Turtle <i>Actinemys marmorata</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/1111	Proposed Threatened
San Francisco Garter Snake <i>Thamnophis sirtalis tetrataenia</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/5956	Endangered

AMPHIBIANS

NAME	STATUS
California Red-legged Frog <i>Rana draytonii</i> There is final critical habitat for this species. Your location does not overlap the critical habitat.	Threatened

NAME	STATUS
Species profile: https://ecos.fws.gov/ecp/species/2891	

FISHES

NAME	STATUS
Tidewater Goby <i>Eucyclogobius newberryi</i> There is final critical habitat for this species. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/57	Endangered

INSECTS

NAME	STATUS
Monarch Butterfly <i>Danaus plexippus</i> There is proposed critical habitat for this species. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/9743	Proposed Threatened

FLOWERING PLANTS

NAME	STATUS
Franciscan Manzanita <i>Arctostaphylos franciscana</i> There is final critical habitat for this species. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/5350	Endangered
Presidio Manzanita <i>Arctostaphylos hookeri</i> var. <i>ravenii</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/7216	Endangered
Robust Spineflower <i>Chorizanthe robusta</i> var. <i>robusta</i> There is final critical habitat for this species. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/9287	Endangered
San Francisco Lessingia <i>Lessingia germanorum</i> (=L.g. var. <i>germanorum</i>) No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/8174	Endangered
Showy Indian Clover <i>Trifolium amoenum</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/6459	Endangered
White-rayed Pentachaeta <i>Pentachaeta bellidiflora</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/7782	Endangered

CRITICAL HABITATS

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.

YOU ARE STILL REQUIRED TO DETERMINE IF YOUR PROJECT(S) MAY HAVE EFFECTS ON ALL ABOVE LISTED SPECIES.

IPAC USER CONTACT INFORMATION

Agency: San Bruno city
Name: Donna Maniscalco
Address: 980 9th St Suite 1200
City: Sacramento
State: CA
Zip: 95814
Email: donna.maniscalco@gmail.com
Phone: 5302199595

LEAD AGENCY CONTACT INFORMATION

Lead Agency: San Bruno city