

CALIFORNIA DEPARTMENT OF
FISH and WILDLIFE *RareFind*

Query Summary:

Quad **IS** (Rio Linda (3812164) **OR** Citrus Heights (3812163) **OR** Sacramento East (3812154) **OR** Carmichael (3812153))
AND County **IS** (Sacramento)

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CNDDDB Element Query Results

Scientific Name	Common Name	Taxonomic Group	Element Code	Total Occs	Returned Occs	Federal Status	State Status	Global Rank	State Rank	CA Rare Plant Rank	Other Status	Habitats
Spea hammondii	western spadefoot	Amphibians	AAABF02020	1428	4	None	None	G2G3	S3S4	null	BLM_S-Sensitive, CDFW_SSC-Species of Special Concern, IUCN_NT-Near Threatened	Cismontane woodland, Coastal scrub, Valley & foothill grassland, Vernal pool, Wetland
Accipiter cooperii	Cooper's hawk	Birds	ABNKC12040	118	3	None	None	G5	S4	null	CDFW_WL-Watch List, IUCN_LC-Least Concern	Cismontane woodland, Riparian forest, Riparian woodland, Upper montane coniferous forest
Agelaius tricolor	tricolored blackbird	Birds	ABPBXB0020	955	19	None	Threatened	G1G2	S2	null	BLM_S-Sensitive, CDFW_SSC-Species of Special Concern, IUCN_EN-Endangered, USFWS_BCC-Birds of Conservation Concern	Freshwater marsh, Marsh & swamp, Swamp, Wetland
Aquila chrysaetos	golden eagle	Birds	ABNKC22010	325	1	None	None	G5	S3	null	BLM_S-Sensitive, CDF_S-Sensitive, CDFW_FP-Fully Protected, CDFW_WL-Watch List, IUCN_LC-Least Concern	Broadleaved upland forest, Cismontane woodland, Coastal prairie, Great Basin grassland, Great Basin scrub, Lower montane coniferous forest, Pinon & juniper woodlands, Upper montane coniferous forest, Valley & foothill grassland
Ardea alba	great egret	Birds	ABNGA04040	43	3	None	None	G5	S4	null	CDF_S-Sensitive, IUCN_LC-Least Concern	Brackish marsh, Estuary, Freshwater marsh, Marsh & swamp, Riparian forest, Wetland
Ardea herodias	great blue heron	Birds	ABNGA04010	156	6	None	None	G5	S4	null	CDF_S-Sensitive, IUCN_LC-Least Concern	Brackish marsh, Estuary, Freshwater marsh, Marsh & swamp, Riparian forest, Wetland
Athene cunicularia	burrowing owl	Birds	ABNSB10010	2011	24	None	None	G4	S3	null	BLM_S-Sensitive, CDFW_SSC-Species of Special Concern, IUCN_LC-Least Concern, USFWS_BCC-Birds of Conservation Concern	Coastal prairie, Coastal scrub, Great Basin grassland, Great Basin scrub, Mojavean desert scrub, Sonoran desert scrub, Valley & foothill grassland
Buteo regalis	ferruginous hawk	Birds	ABNKC19120	107	1	None	None	G4	S3S4	null	CDFW_WL-Watch List, IUCN_LC-Least Concern	Great Basin grassland, Great Basin scrub, Pinon & juniper

													woodlands, Valley & foothill grassland
Buteo swainsoni	Swainson's hawk	Birds	ABNKC19070	2561	21	None	Threatened	G5	S4	null	BLM_S-Sensitive, IUCN_LC-Least Concern	Great Basin grassland, Riparian forest, Riparian woodland, Valley & foothill grassland	
Coccyzus americanus occidentalis	western yellow-billed cuckoo	Birds	ABNRB02022	165	1	Threatened	Endangered	G5T2T3	S1	null	BLM_S-Sensitive, USFS_S-Sensitive	Riparian forest	
Elanus leucurus	white-tailed kite	Birds	ABNKC06010	184	21	None	None	G5	S3S4	null	BLM_S-Sensitive, CDFW_FP-Fully Protected, IUCN_LC-Least Concern	Cismontane woodland, Marsh & swamp, Riparian woodland, Valley & foothill grassland, Wetland	
Melospiza melodia pop. 1	song sparrow ("Modesto" population)	Birds	ABPBXA3013	92	1	None	None	G5T3? Q	S3?	null	CDFW_SSC-Species of Special Concern	Artificial flowing waters, Freshwater marsh, Riparian forest, Riparian scrub, Riparian woodland, Sacramento/San Joaquin flowing waters, Sacramento/San Joaquin standing waters	
Progne subis	purple martin	Birds	ABPAU01010	71	9	None	None	G5	S3	null	CDFW_SSC-Species of Special Concern, IUCN_LC-Least Concern	Broadleaved upland forest, Lower montane coniferous forest	
Riparia riparia	bank swallow	Birds	ABPAU08010	299	4	None	Threatened	G5	S3	null	BLM_S-Sensitive, IUCN_LC-Least Concern	Riparian scrub, Riparian woodland	
Branchinecta lynchi	vernal pool fairy shrimp	Crustaceans	ICBRA03030	796	31	Threatened	None	G3	S3	null	IUCN_VU-Vulnerable	Valley & foothill grassland, Vernal pool, Wetland	
Branchinecta mesovallensis	midvalley fairy shrimp	Crustaceans	ICBRA03150	144	6	None	None	G2	S2S3	null	null	Vernal pool, Wetland	
Dumontia oregonensis	hairy water flea	Crustaceans	ICBRA23010	2	1	None	None	G1G3	S1	null	null	Vernal pool	
Lepidurus packardii	vernal pool tadpole shrimp	Crustaceans	ICBRA10010	330	28	Endangered	None	G4	S3	null	IUCN_EN-Endangered	Valley & foothill grassland, Vernal pool, Wetland	
Linderiella occidentalis	California linderiella	Crustaceans	ICBRA06010	508	44	None	None	G2G3	S2S3	null	IUCN_NT-Near Threatened	Vernal pool	
Downingia pusilla	dwarf downingia	Dicots	PDCAM060C0	132	4	None	None	GU	S2	2B.2	null	Valley & foothill grassland, Vernal pool, Wetland	
Gratiola heterosepala	Boggs Lake hedge-hyssop	Dicots	PDSCR0R060	99	2	None	Endangered	G2	S2	1B.2	BLM_S-Sensitive	Freshwater marsh, Marsh & swamp, Vernal pool, Wetland	
Legenere limosa	legenere	Dicots	PDCAM0C010	83	8	None	None	G2	S2	1B.1	BLM_S-Sensitive, SB_UCBG-UC Botanical Garden at Berkeley	Vernal pool, Wetland	
Oncorhynchus mykiss irideus pop. 11	steelhead - Central Valley DPS	Fish	AFCHA0209K	31	2	Threatened	None	G5T2Q	S2	null	AFS_TH-Threatened	Aquatic, Sacramento/San Joaquin flowing waters	
Northern Claypan Vernal Pool	Northern Claypan Vernal Pool	Herbaceous	CTT44120CA	21	1	None	None	G1	S1.1	null	null	Vernal pool, Wetland	
Northern Hardpan Vernal Pool	Northern Hardpan Vernal Pool	Herbaceous	CTT44110CA	126	9	None	None	G3	S3.1	null	null	Vernal pool, Wetland	
Andrena subapasta	An andrenid bee	Insects	IIHYM35210	5	1	None	None	G1G2	S1S2	null	null	null	

Desmocerus californicus dimorphus	valley elderberry longhorn beetle	Insects	IICOL48011	271	19	Threatened	None	G3T2T3	S3	null	null	Riparian scrub
Hydrochara rickseckeri	Ricksecker's water scavenger beetle	Insects	IICOL5V010	13	1	None	None	G2?	S2?	null	null	Aquatic, Sacramento/San Joaquin flowing waters, Sacramento/San Joaquin standing waters
Taxidea taxus	American badger	Mammals	AMAJF04010	594	2	None	None	G5	S3	null	CDFW_SSC-Species of Special Concern, IUCN_LC-Least Concern	Alkali marsh, Alkali playa, Alpine, Alpine dwarf scrub, Bog & fen, Brackish marsh, Broadleaved upland forest, Chaparral, Chenopod scrub, Cismontane woodland, Closed-cone coniferous forest, Coastal bluff scrub, Coastal dunes, Coastal prairie, Coastal scrub, Desert dunes, Desert wash, Freshwater marsh, Great Basin grassland, Great Basin scrub, Interior dunes, lone formation, Joshua tree woodland, Limestone, Lower montane coniferous forest, Marsh & swamp, Meadow & seep, Mojavean desert scrub, Montane dwarf scrub, North coast coniferous forest, Oldgrowth, Pavement plain, Redwood, Riparian forest, Riparian scrub, Riparian woodland, Salt marsh, Sonoran desert scrub, Sonoran thorn woodland, Ultramafic, Upper montane coniferous forest, Upper Sonoran scrub, Valley & foothill grassland
Gonidea angulata	western ridged mussel	Mollusks	IMBIV19010	157	1	None	None	G3	S2	null	IUCN_VU-Vulnerable	Aquatic
Fritillaria agrestis	stinkbells	Monocots	PMLIL0V010	32	4	None	None	G3	S3	4.2	null	Chaparral, Cismontane woodland, Pinon & juniper woodlands, Ultramafic, Valley & foothill grassland
Juncus leiospermus var. ahartii	Ahart's dwarf rush	Monocots	PMJUN011L1	13	1	None	None	G2T1	S1	1B.2	null	Valley & foothill grassland

Orcuttia viscida	Sacramento Orcutt grass	Monocots	PMPOA4G070	12	1	Endangered	Endangered	G1	S1	1B.1	SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden	Vernal pool, Wetland
Sagittaria sanfordii	Sanford's arrowhead	Monocots	PMALI040Q0	143	24	None	None	G3	S3	1B.2	BLM_S-Sensitive	Marsh & swamp, Wetland
Emys marmorata	western pond turtle	Reptiles	ARAAD02030	1424	3	None	None	G3G4	S3	null	BLM_S-Sensitive, CDFW_SSC-Species of Special Concern, IUCN_VU-Vulnerable, USFS_S-Sensitive	Aquatic, Artificial flowing waters, Klamath/North coast flowing waters, Klamath/North coast standing waters, Marsh & swamp, Sacramento/San Joaquin flowing waters, Sacramento/San Joaquin standing waters, South coast flowing waters, South coast standing waters, Wetland
Thamnophis gigas	giant gartersnake	Reptiles	ARADB36150	373	4	Threatened	Threatened	G2	S2	null	IUCN_VU-Vulnerable	Marsh & swamp, Riparian scrub, Wetland
Elderberry Savanna	Elderberry Savanna	Riparian	CTT63440CA	4	2	None	None	G2	S2.1	null	null	Riparian scrub



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:
Project Code: 2023-0085005
Project Name: Annadale Development

May 23, 2023

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 ECOS-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 ECOS-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:

<http://www.fws.gov/endangered/esa-library/pdf/TOC-GLOS.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/birds/policies-and-regulations.php>.

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/birds/bird-enthusiasts/threats-to-birds.php>.

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/birds/policies-and-regulations/executive-orders/e0-13186.php>.

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

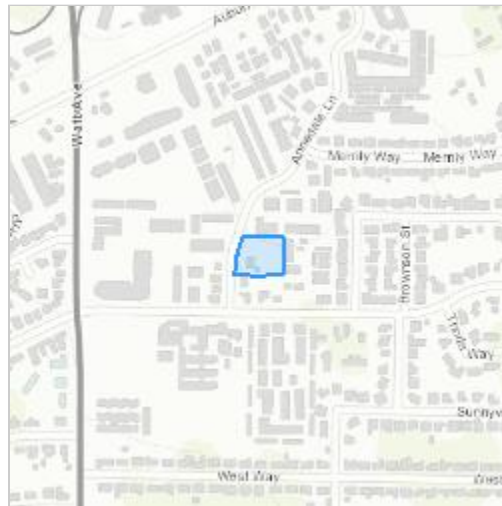
(916) 414-6600

PROJECT SUMMARY

Project Code: 2023-0085005
Project Name: Annadale Development
Project Type: New Constr - Above Ground
Project Description: If approved, the project would demolish the existing single-family home and accessory structures located at the southwest corner of the property and would construct eight halfplex units and one single-family home with an attached accessory dwelling unit. Other physical improvements proposed include a private access drive, landscaping, and the minor extension of existing utilities.

Project Location:

The approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@38.63489865,-121.37967711705177,14z>



Counties: Sacramento County, California

ENDANGERED SPECIES ACT SPECIES

There is a total of 5 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.

-
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.

AMPHIBIANS

NAME	STATUS
California Tiger Salamander <i>Ambystoma californiense</i> Population: U.S.A. (Central CA DPS) There is final critical habitat for this species. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/2076	Threatened

INSECTS

NAME	STATUS
Monarch Butterfly <i>Danaus plexippus</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/9743	Candidate
Valley Elderberry Longhorn Beetle <i>Desmocerus californicus dimorphus</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/7850	Threatened

CRUSTACEANS

NAME	STATUS
Vernal Pool Fairy Shrimp <i>Branchinecta lynchi</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/498	Threatened
Vernal Pool Tadpole Shrimp <i>Lepidurus packardii</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/2246	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: County of Sacramento
Name: Josh Greetan
Address: 827 7th Street
Address Line 2: Rm 225
City: Sacramento
State: CA
Zip: 95814
Email: greetanj@saccounty.gov
Phone: 9168766425

ScientificN:	CommonN:	Family	Lifeform	CRPR	CRPRChange	GRank	SRank	OtherStatu	CESA
Brodiaea	rc valley brod	Themidace	perennial t	4.2	#####	G5T3	S3		None
Downingia	dwarf dow	Campanula	annual her	2B.2	#####	GU	S2		None
Fritillaria	a; stinkbells	Liliaceae	perennial t	4.2		G3	S3		None
Gratiola	he Boggs Lake	Plantaginac	annual her	1B.2		G2	S2	BLM_S	CE
Juncus	leio Ahart's dw	Juncaceae	annual her	1B.2		G2T1	S1		None
Legenere	li legenere	Campanula	annual her	1B.1		G2	S2	BLM_S; SB_	None
Orcuttia	vi; Sacrament	Poaceae	annual her	1B.1		G1	S1	SB_CalBG/i	CE
Sagittaria	s Sanford's a	Alismatace	perennial r	1B.2		G3	S3	BLM_S	None

FESA	BloomingP	Habitat	Microhabit	Microhabit	ElevationLc	ElevationLc	ElevationH	ElevationH	CAEndemic
None	Apr-May(Ju	Valley and Silt	Alluvial Te		10	35	335	1100	TRUE
None	Mar-May	Valley and foothill grassland (mes			1	5	445	1460	FALSE
None	Mar-Jun	Chaparral, Cismontan	Clay, Serp		10	35	1555	5100	TRUE
None	Apr-Aug	Marshes and swamps	Clay		10	35	2375	7790	FALSE
None	Mar-May	Valley and foothill grassland (mes			30	100	229	750	TRUE
None	Apr-Jun	Vernal pools			1	5	880	2885	TRUE
FE	Apr-Jul(Sep	Vernal pools			30	100	100	330	TRUE
None	May-Oct(N	Marshes and swamps (shallow fr			0	0	650	2135	TRUE

States	Counties	Quads	EOTotal	EOA	EOB	EOC	EOD	EOX	EOU
CA	BUT, CAL,	Buffalo Cr	0	0	0	0	0	0	0
CA, SA	FRE, MER,	Allendale (	132	13	50	10	6	7	46
CA	ALA, CCA,	Altamont (	32	2	9	8	0	2	11
CA, OR	FRE, LAK, I	Ambrose (	99	18	31	13	3	5	29
CA	BUT, CAL,	Biggs (391	13	1	6	2	1	1	2
CA	ALA, LAK, I	Balls Ferry	83	11	30	10	3	9	20
CA	SAC	Buffalo Cr	12	3	4	2	0	2	1
CA	BUT, DNT,	Atwater (3	143	15	41	28	4	10	45

EOHistoric	EORecent	EOExtant	EOPossibly	EOExtirpat	EOThreatLi	ThreatList	TThreatList	Notes	Threats
0	0	0	0	0		0		Threatened by urbaniz	
97	35	125	2	5	81	19	Agricultur	Threatened by urbaniz	
32	0	30	2	0	24	9	Agricultur	Most populations smal	
81	18	94	1	4	70	16	Agricultur	Threatened by agricult	
9	4	12	1	0	8	7	Agricultur	Known from approxim	
56	27	74	1	8	59	15	Agricultur	Many historical occur	
2	10	10	0	2	11	12	Altered flo	Seriously threatened b	
48	95	133	8	2	72	17	Agricultur	Extirpated from southe	

Taxonomy	FullScientif	Synonyms	ElementCo	USDAPlant	CBRReason	DateAdded	LastUpdate
ation. Previ	Brodiaea	rosea ssp. va	PMLILO	COK2		#####	#####
ation, deve	Downingia	Downingia	PDCAM06	C DOPU3		#####	#####
ll. Threater	Fritillaria	agrestis	PMLILO	V01 FRAG		#####	#####
ure, develo	Gratiola	heterosepala	PDSCR0	R06 GRHE		#####	#####
ately 10 oc	Juncus	leiospermus va	PMJUN0	11 JULEA		#####	#####
ences extir	Legenere	limosa	PDCAM0	CC LELI		#####	#####
y agricultur	Orcuttia	vis Orcuttia c	PMPOA4	G(ORVI2		#####	#####
ern Californ	Sagittaria	sanfordii	PMALI0	40C SASA2		#####	#####