

## **Appendix B: Biological Resources Supporting Information**

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## **B-1: Summary of Biological References Memo**

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## Memo

**Date:** March 7, 2019

**To:** Krinjal Mathur  
City of San José  
200 East Santa Clara Street, 3<sup>rd</sup> Floor  
San José, CA 95113

**From:** FirstCarbon Solutions  
2204 Plaza Drive, Suite 210  
Rocklin, CA 95765

**Subject:** Summary of Biological References used for the 1410 South Bascom Avenue IS/MND

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### INTRODUCTION

At the request of The City of San José, FirstCarbon Solutions (FCS) has been tasked to prepare a memorandum summarizing the materials that were reviewed in preparation of the biological resources section of the Initial Study/Mitigated Negative Declaration (IS/MND) for the 1410 South Bascom Avenue Project. An FCS biologist reviewed the appropriate federal, State, and local laws, in addition to, relevant literature and various online databases. The following is a summary of the references used in the completion of the biological resources section.

### Regulatory

The following federal, State, and local regulations were reviewed to ensure compliance with the proposed project development.

#### Federal

- Federal Endangered Species Act (FESA)
- Migratory Bird Treaty Act (MBTA)
- Clean Water Act (CWA)
  - Section 404 of the CWA
  - Section 401 of the CWA

#### State

- California Environmental Quality Act (CEQA) Guidelines
- California Endangered Species Act (CESA)
- California Fish and Game Code (FGC)
- California Porter-Cologne Water Quality Act



## Local

- Envision San José 2040 General Plan
- Santa Clara Valley Habitat Plan (SCVHP)
- City of San José Municipal Code

## Literature Review

As part of the literature review, FCS biologists examined existing environmental documentation, including aerial photography for the project site and local vicinity. This documentation included any relevant biological studies of the area; literature pertaining to habitat requirements of special-status species potentially occurring in the vicinity of the site; and federal register listings, protocols, and species data provided by the United States Fish and Wildlife Service (USFWS) and California Department of Fish and Wildlife (CDFW). The follow literature and online databases were queried:

- United States Geological Survey (USGS) 7.5-minute topographic map for the San José West quadrangle
- United States Department of Agriculture (USDA) published soil surveys
- CDFW California Natural Diversity Database (CNDDDB) (CDFW 2019), a special-status species and plant community account database
- California Native Plant Society Electronic Inventory (CNPSEI) of Rare and Endangered Vascular Plants of California database (CNPS 2019)

We appreciate the opportunity to assist you on this project. If we can be of any further assistance, or if you have any questions concerning this memo, please contact me at 916.305.5823.

Sincerely,



Brian Mayerle, Senior Biologist  
**FirstCarbon Solutions**  
2204 Plaza Drive, Suite 210  
Rocklin, CA 95765

## **B-2: CNDDDB and CNPS Inventory Results**

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



Query Criteria: Quad<span style='color:Red'> IS </span>(San Jose West (3712138))

Species	Element Code	Federal Status	State Status	Global Rank	State Rank	Rare Plant Rank/CDFW SSC or FP
<b>American peregrine falcon</b> <i>Falco peregrinus anatum</i>	ABNKD06071	Delisted	Delisted	G4T4	S3S4	FP
<b>burrowing owl</b> <i>Athene cunicularia</i>	ABNSB10010	None	None	G4	S3	SSC
<b>California tiger salamander</b> <i>Ambystoma californiense</i>	AAAAA01180	Threatened	Threatened	G2G3	S2S3	WL
<b>Congdon's tarplant</b> <i>Centromadia parryi ssp. congdonii</i>	PDAST4R0P1	None	None	G3T2	S2	1B.1
<b>Cooper's hawk</b> <i>Accipiter cooperii</i>	ABNKC12040	None	None	G5	S4	WL
<b>Crotch bumble bee</b> <i>Bombus crotchii</i>	IIHYM24480	None	None	G3G4	S1S2	
<b>foothill yellow-legged frog</b> <i>Rana boyllii</i>	AAABH01050	None	Candidate Threatened	G3	S3	SSC
<b>hairless popcornflower</b> <i>Plagiobothrys glaber</i>	PDBOR0V0B0	None	None	GH	SH	1A
<b>Hall's bush-mallow</b> <i>Malacothamnus hallii</i>	PDMAL0Q0F0	None	None	G2	S2	1B.2
<b>hoary bat</b> <i>Lasiurus cinereus</i>	AMACC05030	None	None	G5	S4	
<b>northern California legless lizard</b> <i>Anniella pulchra</i>	ARACC01020	None	None	G3	S3	SSC
<b>obscure bumble bee</b> <i>Bombus caliginosus</i>	IIHYM24380	None	None	G4?	S1S2	
<b>pallid bat</b> <i>Antrozous pallidus</i>	AMACC10010	None	None	G5	S3	SSC
<b>robust spineflower</b> <i>Chorizanthe robusta var. robusta</i>	PDPGN040Q2	Endangered	None	G2T1	S1	1B.1
<b>saline clover</b> <i>Trifolium hydrophilum</i>	PDFAB400R5	None	None	G2	S2	1B.2
<b>San Francisco dusky-footed woodrat</b> <i>Neotoma fuscipes annectens</i>	AMAFF08082	None	None	G5T2T3	S2S3	SSC
<b>steelhead - central California coast DPS</b> <i>Oncorhynchus mykiss irideus pop. 8</i>	AFCHA0209G	Threatened	None	G5T2T3Q	S2S3	
<b>Swainson's hawk</b> <i>Buteo swainsoni</i>	ABNKC19070	None	Threatened	G5	S3	
<b>Townsend's big-eared bat</b> <i>Corynorhinus townsendii</i>	AMACC08010	None	None	G3G4	S2	SSC
<b>western bumble bee</b> <i>Bombus occidentalis</i>	IIHYM24250	None	None	G2G3	S1	



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



<b>Species</b>	<b>Element Code</b>	<b>Federal Status</b>	<b>State Status</b>	<b>Global Rank</b>	<b>State Rank</b>	<b>Rare Plant Rank/CDFW SSC or FP</b>
<b>western pond turtle</b> <i>Emys marmorata</i>	ARAAD02030	None	None	G3G4	S3	SSC
<b>yellow rail</b> <i>Coturnicops noveboracensis</i>	ABNME01010	None	None	G4	S1S2	SSC

**Record Count: 22**



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



Query Criteria: Quad> IS <(San Jose West (3712138))

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>Ambystoma californiense</i> California tiger salamander	AAAAA01180	Threatened	Threatened	G2G3	S2S3	WL
<i>Anniella pulchra</i> northern California legless lizard	ARACC01020	None	None	G3	S3	SSC
<i>Antrozous pallidus</i> pallid bat	AMACC10010	None	None	G5	S3	SSC
<i>Athene cunicularia</i> burrowing owl	ABNSB10010	None	None	G4	S3	SSC
<i>Bombus caliginosus</i> obscure bumble bee	IIHYM24380	None	None	G4?	S1S2	
<i>Bombus crotchii</i> Crotch bumble bee	IIHYM24480	None	None	G3G4	S1S2	
<i>Bombus occidentalis</i> western bumble bee	IIHYM24250	None	None	G2G3	S1	
<i>Buteo swainsoni</i> Swainson's hawk	ABNKC19070	None	Threatened	G5	S3	
<i>Centromadia parryi ssp. congonii</i> Congdon's tarplant	PDAST4R0P1	None	None	G3T1T2	S1S2	1B.1
<i>Chorizanthe robusta var. robusta</i> robust spineflower	PDPGN040Q2	Endangered	None	G2T1	S1	1B.1
<i>Corynorhinus townsendii</i> Townsend's big-eared bat	AMACC08010	None	None	G3G4	S2	SSC
<i>Coturnicops noveboracensis</i> yellow rail	ABNME01010	None	None	G4	S1S2	SSC
<i>Emys marmorata</i> western pond turtle	ARAAD02030	None	None	G3G4	S3	SSC
<i>Falco peregrinus anatum</i> American peregrine falcon	ABNKD06071	Delisted	Delisted	G4T4	S3S4	FP
<i>Lasiurus cinereus</i> hoary bat	AMACC05030	None	None	G5	S4	
<i>Malacothamnus hallii</i> Hall's bush-mallow	PDMAL0Q0F0	None	None	G2	S2	1B.2
<i>Neotoma fuscipes annectens</i> San Francisco dusky-footed woodrat	AMAFF08082	None	None	G5T2T3	S2S3	SSC
<i>Oncorhynchus mykiss irideus pop. 8</i> steelhead - central California coast DPS	AFCHA0209G	Threatened	None	G5T2T3Q	S2S3	
<i>Plagiobothrys glaber</i> hairless popcornflower	PDBOR0V0B0	None	None	GH	SH	1A



**Selected Elements by Scientific Name**  
**California Department of Fish and Wildlife**  
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<b>Species</b>	<b>Element Code</b>	<b>Federal Status</b>	<b>State Status</b>	<b>Global Rank</b>	<b>State Rank</b>	<b>Rare Plant Rank/CDFW SSC or FP</b>
<b><i>Rana boylei</i></b> foothill yellow-legged frog	AAABH01050	None	Candidate Threatened	G3	S3	SSC
<b><i>Trifolium hydrophilum</i></b> saline clover	PDFAB400R5	None	None	G2	S2	1B.2

**Record Count: 22**

## Plant List

### Inventory of Rare and Endangered Plants

1 matches found. *Click on scientific name for details*

#### Search Criteria

California Rare Plant Rank is one of [1B, 2B], FESA is one of [Endangered, Threatened, Candidate], CESA is one of [Endangered, Threatened], Found in Quads 3712241, 3712148, 3712147, 3712231, 3712138, 3712137, 3712221 3712128 and 3712127;

[Modify Search Criteria](#)
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Scientific Name	Common Name	Family	Lifeform	Blooming Period	CA Rare Plant Rank	State Rank	Global Rank
<a href="#">Pentachaeta bellidiflora</a>	white-rayed pentachaeta	Asteraceae	annual herb	Mar-May	1B.1	S1	G1

#### Suggested Citation

California Native Plant Society, Rare Plant Program. 2018. Inventory of Rare and Endangered Plants of California (online edition, v8-03 0.39). Website <http://www.rareplants.cnps.org> [accessed 22 October 2018].

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#### Contributors

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

#### Questions and Comments

[rareplants@cnps.org](mailto:rareplants@cnps.org)

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