

June 7, 2019  
(2018-047.012)

Ms. Veronica Mardis  
County of Los Angeles Department of Public Works  
Stormwater Engineering Division  
Via Email: [Vmardis@dpw.lacounty.gov](mailto:Vmardis@dpw.lacounty.gov)

**Subject: Least Bell's Vireo Preconstruction Surveys for the Devil's Gate Reservoir Restoration Project, in the City of Pasadena, California**

Dear Ms. Mardis,

This letter report has been prepared to present the results of preconstruction surveys for least Bell's Vireo (*Vireo bellii pusillus*) conducted by ECORP Consulting, Inc. (ECORP) for Los Angeles County Department of Public Works' (LACDPW) Devil's Gate Reservoir Restoration Project in the City of Pasadena, Los Angeles County, California. The preconstruction surveys for least Bell's vireo were conducted to comply with Condition 7.3.2 in the California Department of Fish and Wildlife (CDFW) Incidental Take Permit (ITP) No. 2081-2016-031-05 that was issued for the Devil's Gate Reservoir Restoration Project (Project) which states:

"The Designated Biologist(s) shall begin surveys 30 days before Covered Activities begin (or after a substantial break in construction monitoring) and shall continue on a weekly basis with one (1) survey conducted no more than (3) days prior to initiation of Covered Activities."

In addition, the surveys were conducted to comply with Conservation Measure 11a of the Informal Section 7 Consultation (Section 7) No. FWS-LA-14B0081-15I0477 for the Project which states:

"Surveys by the biological monitor will be conducted a minimum of three times on separate days to determine the presence of vireo nest building activities, egg incubation activities, or brood rearing activities within 300 feet of the project area. These surveys will be conducted within the week prior to the initiation of project activities. One survey will be conducted the day immediately prior to the initiation of project activities. If no nests, nesting behavior, or brood rearing activities are detected within 300 feet of the project area, work may commence."

**SURVEY METHODS**

Preconstruction surveys for least Bell's vireo were conducted in compliance with ITP Condition 7.3.2 and Section 7 Conservation Measure CM 11a for Project activities that are to occur during

the vireo’s breeding season. Surveys were conducted between dawn and 11 a.m. when weather conditions were favorable in accordance with USFWS 2001 protocol (nesting season) guidelines.<sup>1</sup> Meandering transects were walked throughout suitable least Bell’s vireo habitat areas within 500 feet of the Project boundaries to visually and audibly detect the presence of least Bell’s vireo. All bird and wildlife species detected during the survey were recorded on standardized data sheets. All surveys were conducted in compliance with the Nesting Bird Management Plan prepared for the Project.<sup>2</sup>

**RESULTS**

Seven preconstruction surveys for least Bell’s vireo were conducted within 30 days of the initiation of excavation work within the sediment removal area which was slated to begin on April 15, 2019. Each survey was conducted by a CDFW- and USFWS-approved Designated Biologist for least Bell’s vireo surveys. The dates, personnel, and weather conditions for each survey are presented in Table 1. Survey datasheets are provided in Attachment A.

Date	Surveyors*	Time		Temperature (°F)		Cloud Cover (%)		Wind Speed (mph)	
		start	end	start	end	start	end	start	end
3/15/19	TD	0658	1100	46	68	15	<5	0-1	0-1
3/11/19	TD	0645	1100	54	66	15	25	0-1	1-3
3/28/19	LS	0645	1100	50	65	95	80	0-3	1-4
4/2/19	TD	0658	1100	54	64	0	<5	0-1	1-3
4/9/19	AD	0640	1050	56	74	10	20	1-3	3-5
4/12/19	BS	0714	1042	51	66	0	3	0	1-3
4/14/19	ST	0630	0956	54	63	10	10	0	1-2

\*AD = Adam DeLuna, BS = Ben Smith, LS = Lauren Simpson, ST = Scott Taylor, TD = Taylor Dee

No least Bell’s vireo were identified during the preconstruction surveys. A complete list of all birds and other wildlife observed during the preconstruction surveys is provided in Attachment C.

**DISCUSSION**

Seven focused preconstruction surveys conducted during the 2019 breeding season did not detect least Bell’s vireo in or within 500 feet of the Project site.

Observations of least Bell’s vireo previously documented within the Project area have been irregular, and no consistent detection of the species throughout the breeding season has been documented at the site since 2013. At that time, a single male was present, but he was not paired with a female during the breeding season. Additionally, the timing of observations in the early and late periods of the breeding season during subsequent survey years coincides with the

<sup>1</sup> U.S. Fish and Wildlife Service (USFWS). 2001. Least Bell’s Vireo Survey Guidelines. U.S. Department of the Interior. Carlsbad, CA, USFWS, 3 pp.

<sup>2</sup> ECORP Consulting, Inc (ECORP). 2019. Nesting Bird Management Plan, Devil’s Gate Reservoir Restoration Project, Los Angeles County, California. Prepared for the Los Angeles Department of Public Works, Water Resource Division. March 2019.

seasonal migrations of least Bell's vireos through the Project area. The lack of detection of any individuals throughout seven focused surveys implies that breeding least Bell's vireos were absent from the Project site prior to the initiation of excavation work within the sediment removal area as of April 15, 2019.

If you have any questions regarding the contents of this letter report, please contact me at (714) 648-0630 or [lsimpson@ecorpconsulting.com](mailto:lsimpson@ecorpconsulting.com).

SIGNED: 

Lauren Simpson  
Staff Biologist  
ECORP Consulting, Inc.  
1801 Park Court Place, Building B. Ste 103.  
Santa Ana, CA 92701

DATE: June 7, 2019

**Attachments:**

Attachment A: Survey Datasheets  
Attachment B: Wildlife Compendium

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**ATTACHMENT A**

Survey Datasheets



**LEAST BELL'S VIREO (*Vireo bellii pusillus*) SURVEY FORM**

Date: 3/15/19  
Survey number: 1

Project # 2018-047.012  
Project Name Devil's Gate Reservoir Restoration Project

*surveyed in suitable habitat in work areas + 500 ft buffer*

OBSERVERS:	SURVEY CONDITIONS				
Taylor Dee	Time	Temp (F)	Wind (mph)	% Cloud Cover	
	START	0658	46°F	0-1	15%
	END	1100	68°F	0-1	< 5%

LEAST BELL'S VIREO OBSERVATIONS				
Location <sup>†</sup> (UTM NAD 83)	Appr. Age	Status*	Band (Y/N)	Additional Comments (Behavior, Activity, Location in Canopy, etc.)
—	—	—	—	no LBVI detected in work area or 500-ft buffer

<sup>†</sup>Draw/denote territory or use area on aerial map  
\*Paired, territorial male, single individual, juvenile

BROWN-HEADED COWBIRD OBSERVATIONS	
# of individuals	0
Locations	



**LEAST BELL'S VIREO (*Vireo bellii pusillus*) SURVEY FORM**

Date: 3/15/19  
Survey number: 1

Project # 2018-047.012  
Project Name Devil's Gate Reservoir  
Restoration Project

**OTHER SENSITIVE SPECIES OBSERVATIONS (SWWF, YBC, ETC.)**

n/a

**INCIDENTAL SPECIES OBSERVED**

BEWR	CATH	WCSP
SPTO	ANHU	western side-blotched lizard
COYE	HOWR	western fence lizard
SOSP	LEGO	RTHA
raccoon (tracks)	YRWA	HUVI
HOFI	MODO	desert cottontail
NUWO	AMRO	coyote (vocalization)
CAQU	WEBL	dusky-footed woodrat
WREN	EUST	
parrot sp.	AMCR	
CAKI	WTSW	
CORA	BUSH	
CALT	NRWS	
NOFL	MALL	
CASJ	KILL	
	BLPH	

**ADDITIONAL NOTES:**

n/a



**LEAST BELL'S VIREO (*Vireo bellii pusillus*) SURVEY FORM**

Date: 3/19/19  
Survey number: # 2

Project # 2018-047.012  
Project Name Devil's Gate Reservoir Restoration Project

surveyed in suitable habitat in work areas + 500 ft buffer

OBSERVERS:
Taylor Dee

SURVEY CONDITIONS				
	Time	Temp (F)	Wind (mph)	% Cloud Cover
START	0645	54	0-1	15
END	1100	66	1-3	25

LEAST BELL'S VIREO OBSERVATIONS				
Location <sup>†</sup> (UTM NAD 83)	Appr. Age	Status*	Band (Y/N)	Additional Comments (Behavior, Activity, Location in Canopy, etc.)
				no LBVI detected in work area or in 500ft buffer

<sup>†</sup>Draw/denote territory or use area on aerial map  
\*Paired, territorial male, single individual, juvenile

BROWN-HEADED COWBIRD OBSERVATIONS	
# of individuals	
Locations	



**LEAST BELL'S VIREO (*Vireo bellii pusillus*) SURVEY FORM**

Date: 3/19/19

Survey number: 2

Project # 2018-047.012

Project Name Devil's Gate Reservoir  
Restoration Project

**OTHER SENSITIVE SPECIES OBSERVATIONS (SWWF, YBC, ETC.)**

NA

**INCIDENTAL SPECIES OBSERVED**

Pacific-slope flycatcher  
Hutton's vireo  
Bewick's wren  
Spotted towhee  
Anna's hummingbird  
Song sparrow  
Wrentit  
American crow  
Desert cottontail  
California towhee  
Nuttall's woodpecker  
Allen's hummingbird  
White-crowned sparrow  
Common yellowthroat  
California scrub jay  
Parrot sp.

Northern flicker  
Canada goose  
California thrasher  
Western bluebird  
Common raven  
Yellow-rumped warbler  
Red-tailed hawk  
Mourning dove  
European starling  
Bushtit  
Acorn woodpecker  
California quail  
Ruby-crowned kinglet  
Black phoebe  
Lesser goldfinch  
Say's phoebe

House wren  
California ground squirrel  
Red-tailed hawk  
House finch  
Dark-eyed junco

**ADDITIONAL NOTES:**

NA



**LEAST BELL'S VIREO (*Vireo bellii pusillus*) SURVEY FORM**

Date: March 28, 2019  
Survey number: 3

Project # 2018-047.012  
Project Name Devil's Gate Reservoir Restoration Project

Survey conducted in suitable habitat within 500-ft of Project Area

OBSERVERS:	SURVEY CONDITIONS			
Lauren Simpson	Time	Temp (F)	Wind (mph)	% Cloud Cover
	START	0645	50	95
	END	1100	65	80

LEAST BELL'S VIREO OBSERVATIONS			
Vireo Status	Location in Survey Area	Appr. Age	Bands (Y/N)
Paired	NO LBVI observed ↓	—	—
Territorial Male		—	—
Juvenile		—	—

**Additional Comments (Behavior, Activity, Location in Canopy, etc.)**

N/A

BROWN-HEADED COWBIRD OBSERVATIONS	
# of Individuals	0
Locations	

OTHER SENSITIVE SPECIES OBSERVATIONS (SWWF, YBC, ETC.)
No other sensitive species observed.



**LEAST BELL'S VIREO (*Vireo bellii pusillus*) SURVEY FORM**

Date: Mar 28 2019  
Survey number: 3

Project # 2018-047.012  
Project Name Devil's Gate Reservoir Restoration Project

**INCIDENTAL SPECIES OBSERVED**

Spotted Towhee	Song sparrow	Couper's Hawk
Common yellowthroat	Anna's hummingbird	Northern Flicker
Bewick's wren	Allen's hummingbird	Blue-gray Gnatcatcher
lesser goldfinch	Red shouldered hawk	Killdeer
California towhee	wrentit	Hermit Thrush
Acorn woodpecker	House wren	California Quail
European Starling	Oak titmouse	Cassin's Kingbird
American Crow	Pacific-slope flycatcher	Red-tailed hawk
California Scrub Jay	Northern rough-winged swallow	White-throated swift
White-crowned sparrow	Black-throated Gray warbler	Hooded Merganser
Brewer's tit	Parrot sp.	
yellow-rumped warbler	American Robin	
Nuttall's woodpecker	California Thrasher	
Western Blue bird	Canada goose	
Mourning dove	Common raven	

**ADDITIONAL NOTES:**

**LEAST BELL'S VIREO (*Vireo bellii pusillus*) SURVEY FORM**

Date: 4/2/19  
Survey number: 4

Project # 2018-047.012  
Project Name Devil's Gate Reservoir  
Restoration Project

surveyed in suitable habitat within 500ft of Project Area

OBSERVERS:
Taylor Dee

SURVEY CONDITIONS				
	Time	Temp (F)	Wind (mph)	% Cloud Cover
START	0658	54	0-1	0
END	1100	64	1-3	25

LEAST BELL'S VIREO OBSERVATIONS				
Location <sup>†</sup> (UTM NAD 83)	Appr. Age	Status*	Band (Y/N)	Additional Comments (Behavior, Activity, Location in Canopy, etc.)
				

<sup>†</sup>Draw/denote territory or use area on aerial map  
\*Paired, territorial male, single individual, juvenile

BROWN-HEADED COWBIRD OBSERVATIONS	
# of individuals	
Locations	



**LEAST BELL'S VIREO (*Vireo bellii pusillus*) SURVEY FORM**

Date: 4/2/19  
Survey number: 4

Project # 2018-047.012  
Project Name Devil's Gate Reservoir  
Restoration Project

**OTHER SENSITIVE SPECIES OBSERVATIONS (SWWF, YBC, ETC.)**

n/a

**INCIDENTAL SPECIES OBSERVED**

SPTO	MODO	HOOB
BEWR	YRWA	RSHA
ACWD	CALT	NOMO
CASJ	SOSP	desert cottontail
parrot sp.	COYE	western fence lizard
CATH	PSFL	western side-blotch lizard
ANHU	HUVI	California kingsnake
WCSP	HOFI	Common raccoon (tracks)
CAQU	BHGR	
NUWO	BUSH	
EUST	MERL	
CORA	RTHA	
WREN	CAKI	
LEGO	AMGO	
NRWS	CAGO	

**ADDITIONAL NOTES:**

n/a

- Ecorp: Devils Gate Dam LBV Survey -

9 April 2019

0640 - 56°F, 10% cloud cover, 1-3 mph winds.

Conducting LBV survey in suitable habitat

within the 500' buffer. Obtained survey area through

Collector App shared by Ecorp. Starting survey at

Southern end of riparian habitat located along the

western side of the project. YEWA, SOSP, CALT, WTSW,

NEWS, ANHV, BLPH, YRWA, KILL, BEWR, CORA, BVSH, NUWO,

LEGO, CAGO, OCWA, WCSP, BHGR, RERI, ALHV, CASJ, RTHA,

DG-BUSH-01 (IIS 391531-3783513): Observed pair gathering

nesting material and bringing it to a recently started

nest. Nest ~ 15' above ground in *S. goodingii*. BHCO, HOFL,

DG-ALHV-01: observed female gathering nesting material

(spider webs) and bringing it back to a recently started

nest. Nest ~ 15' above ground on small S-facing branch

of a *P. racemosa* CANILATIE (small ind). NEOTFUSC (nests).

DG-ALHV-01 (IIS 391524-3783573), HUVI, PROCLGTO (tracks),

PSFL, HOWR, DG-BUSH-02 (IIS 391522-3783513): observed

pair gathering nesting material and bringing it to an almost

complete nest. Nest ~ 12' above ground in a clump of dead

## Ecorp - Devils Gate Dam LBU Survey

- Continued -

leaves hanging from a *S. goodingii*. MODO, EUST,

AMCR, LYNXRUFU (1 ind, see photos). LISP, BGGN, CAOU,

COYE, SCEOCC, ACWO, UTASTA, NOFL, CATH, DG-WREN-01

(115 391669-3783994): Observed male gathering nesting

material near trail and taking it to waypoint location -

dove into lower *B. salicifolia* / *C. maculatum*. He popped

up a few minutes later, sang, and no longer had nesting

material. Likely nesting low to ground near waypoint.

SPERBEEC, SYLVAUDU, NEMO, ATFL, FOSP, ROPI, ELGMUL, WEKI,

End of Survey @ 1050 - 74°F, 20% cloud cover, 3-5 mph wind.

No LBU observed during the survey.

# Least Bell's Vireo Log for Devils Gate (Environmental Conditions)

Submitted by: SoCal\_Bio

Submitted time: Apr 12, 2019, 10:44:12 AM

Survey Date

**Apr 12, 2019**

Observer Name

**Ben Smith**

Survey Conditions

Start Time

**07:14**

Start Temperature

**51**

Start Wind Speed

**0**

Start Cloud Cover

End Time

**10:42**

End Temperature

**66**

End Wind Speed

**1-3**

End Cloud Cover

**3**

Were Least Bell's Vireo Observed

**No**

Brown-Headed CowBird Observations

Number of Individuals

**2**

Locations

**34.191454, -118.175874**

## Incidental Species Observed

**Coha**  
**Coye**  
**Amro**  
**Cath**  
**Caqu**  
**Deju**  
**Casj**  
**Bewr**  
**Acwo**  
**Amcr**  
**Spto**  
**Wren**  
**Calt**  
**Auwa**  
**Sosp**  
**Cottontail**  
**Bhgr**  
**Eust**  
**Cora**  
**Rcki**  
**Anhu**  
**Bush**  
**Heth**  
**Lego**  
**Lisp**  
**Atfl**  
**Wcsp**  
**Alhu**  
**Hofi**  
**Nuwo**  
**Lewo**  
**Hoor**  
**Bhco**  
**Buor**  
**Ywar**  
**Oati**  
**Ocwa**  
**W fence liz**  
**Psfl**  
**Blph**  
**Wtsw**  
**Kill**  
**Nrws**  
**Rtha**  
**Rsha**  
**Caki**

**Howr**  
**Nomo**

Additional Notes

**Webl**  
**Modo**  
**Weme**  
**Chsp**

Log Completed?

**Yes**

# Least Bell's Vireo Log for Devils Gate (Environmental Conditions)

Submitted by: SoCal\_Bio

Submitted time: Apr 14, 2019, 9:57:29 AM

Survey Date

**Apr 14, 2019**

Observer Name

**Other**

Other Observer

**Scott Taylor**

Survey Conditions

Start Time

**06:30**

Start Temperature

**54**

Start Wind Speed

**0**

Start Cloud Cover

**10**

End Time

**09:56**

End Temperature

**63**

End Wind Speed

**1-2**

End Cloud Cover

**10**

Were Least Bell's Vireo Observed

**No**

Brown-Headed CowBird Observations

Number of Individuals

Locations

**House wren**

**Bewick's wren**

**Western bluebird**

**Ca thrasher**

**No mockingbird**

**Europ starling**

**House finch**

**Lesser goldfinch**

**White-crowned sparrow**

**So sparrow**

**Ca towhee**

**Sp towhee**

**OC warbler**

**Common yellowthroat**

**Yellow warbler**

**Ye-rumped warbler**

**Black-throated gray**

**BHGR**

Incidental Species Observed

**Orange-crowned warbler**

**Mallard**

**Ca quail**

**Mourning dove**

**Ca ground squirrel**

**Botta's pocket gopher**

**Coyote**

**Raccoon**

**Brush rabbit**

**Desert cottontail**

**Red admiral**

**Painted lady**

**Western fence lizard**

**Western tiger swallowtail**

**Side-blotched lizard**

**Common white**

Additional Notes

**Anna's h-bird**

**Killdeer**

**Red-shouldered hawk**

**Red-tailed hawk**

**Red-crowned parrot**

**Amazona sp.**

**Pacific-slope flycatcher**

**Ash-throated flycatcher**

**California scrub jay**

**American crow**

**Common raven**

**Northern rough-winged swallow**

**Cliff swallow**

**Bushtit**

**(Continued ...)**

Log Completed?

**Yes**

**Wildlife Species Observed**

Scientific Name	Common Name
<b>REPTILES</b>	
<b>Anguidae</b>	<b>Northern Hemisphere Lizards</b>
<i>Elgaria multicarinata</i>	southern alligator lizard
<b>Colubridae</b>	<b>Snakes</b>
<i>Lampropeltis californiae</i>	California kingsnake
<b>Phrynosomatidae</b>	<b>Spiny Lizards</b>
<i>Sceloporus occidentalis</i>	western fence lizard
<i>Uta stansburiana</i>	common side-blotched lizard
<b>BIRDS</b>	
<b>Accipitridae</b>	<b>Hawks</b>
<i>Accipiter cooperii</i>	Cooper's hawk
<i>Buteo jamaicensis</i>	red-tailed hawk
<i>Buteo lineatus</i>	red-shouldered hawk
<b>Aegithalidae</b>	<b>Bushtits</b>
<i>Psaltriparus minimus</i>	bushtit
<b>Anatidae</b>	<b>Ducks, Geese, and Swans</b>
<i>Anas platyrhynchos</i>	mallard
<i>Branta canadensis</i>	Canada goose
<i>Lophodytes cucullatus</i>	hooded merganser
<b>Apodidae</b>	<b>Swifts</b>
<i>Aeronautes saxatalis</i>	white-throated swift
<b>Cardinalidae</b>	<b>Cardinals</b>
<i>Pheucticus melanocephalus</i>	black-headed grosbeak
<b>Charadriidae</b>	<b>Plovers, Dotterels, and Lapwings</b>
<i>Charadrius vociferus</i>	killdeer
<b>Columbidae</b>	<b>Pigeons and Doves</b>
<i>Columba livia*</i>	rock pigeon
<i>Zenaidura macroura</i>	mourning dove
<b>Corvidae</b>	<b>Jays and Crows</b>
<i>Aphelocoma californica</i>	California scrub-jay
<i>Corvus brachyrhynchos</i>	American crow
<i>Corvus corax</i>	common raven
<b>Falconidae</b>	<b>Falcons</b>
<i>Falco columbarius</i>	merlin
<b>Fringillidae</b>	<b>Finches</b>
<i>Haemorhous mexicanus</i>	house finch
<i>Spinus psaltria</i>	lesser goldfinch
<i>Spinus tristis</i>	American goldfinch
<b>Hirundinidae</b>	<b>Swallows</b>
<i>Petrochelidon pyrrhonota</i>	cliff swallow

Scientific Name	Common Name
<i>Stelgidopteryx serripennis</i>	northern rough-winged swallow
<b>Icteridae</b>	<b>New World Blackbirds</b>
<i>Icterus bullockii</i>	Bullock's oriole
<i>Icterus cucullatus</i>	hooded oriole
<i>Molothrus ater</i>	brown-headed cowbird
<i>Sturnella neglecta</i>	western meadowlark
<b>Mimidae</b>	<b>Mockingbirds and Thrashers</b>
<i>Mimus polyglottos</i>	northern mockingbird
<i>Toxostoma redivivum</i>	California thrasher
<b>Odontophoridae</b>	<b>Quails and Partridges</b>
<i>Callipepla californica</i>	California quail
<b>Paradoxornithidae</b>	<b>Wrentits</b>
<i>Chamaea fasciata</i>	wrentit
<b>Paridae</b>	<b>Titmice</b>
<i>Baeolophus inornatus</i>	oak titmouse
<b>Parulidae</b>	<b>Wood-warblers</b>
<i>Geothlypis trichas</i>	common yellowthroat
<i>Oreothlypis celata</i>	orange-crowned warbler
<i>Setophaga coronata</i>	yellow-rumped warbler
<i>Setophaga nigrescens</i>	black-throated gray warbler
<i>Setophaga petechia**</i>	yellow warbler
<b>Passerellidae (previously Emberizidae)</b>	<b>Sparrows and Towhees</b>
<i>Junco hyemalis</i>	dark-eyed junco
<i>Melospiza lincolni</i>	Lincoln's sparrow
<i>Melospiza melodia</i>	song sparrow
<i>Melospiza crissalis</i>	California towhee
<i>Passerella iliaca</i>	fox sparrow
<i>Pipilo maculatus</i>	spotted towhee
<i>Spizella passerina</i>	chipping sparrow
<i>Zonotrichia leucophrys</i>	white-crowned sparrow
<b>Picidae</b>	<b>Woodpeckers</b>
<i>Colaptes auratus</i>	northern flicker
<i>Picoides nuttallii</i>	Nuttall's woodpecker
<i>Melanerpes formicivorus</i>	acorn woodpecker
<i>Melanerpes lewis**</i>	Lewis's woodpecker
<b>Polioptilidae (previously Silviidae)</b>	<b>Gnatcatchers</b>
<i>Polioptila caerulea</i>	blue-gray gnatcatcher
<b>Psittacidae</b>	<b>Old World Parrots</b>
<i>Amazona sp.*</i>	parrot sp.
<i>Amazona viridigenalis*</i>	red-crowned parrot
<b>Regulidae</b>	<b>Kinglets</b>
<i>Regulus calendula</i>	ruby-crowned kinglet
<b>Sturnidae</b>	<b>Starlings</b>
<i>Sturnus vulgaris*</i>	European starling
<b>Trochilidae</b>	<b>Hummingbirds</b>

Scientific Name	Common Name
<i>Calypte anna</i>	Anna's hummingbird
<i>Selasphorus sasin</i>	Allen's hummingbird
<b>Troglodytidae</b>	<b>Wrens</b>
<i>Thryomanes bewickii</i>	Bewick's Wren
<i>Troglodytes aedon</i>	house wren
<i>Turdus migratorius</i>	American robin
<b>Turdidae</b>	<b>Thrushes</b>
<i>Catharus guttatus</i>	hermit thrush
<i>Sialia mexicana</i>	western bluebird
<b>Tyrannidae</b>	<b>Tyrant Flycatchers</b>
<i>Empidonax difficilis</i>	Pacific-slope flycatcher
<i>Myiarchus cinerascens</i>	ash-throated flycatcher
<i>Sayornis nigricans</i>	black phoebe
<i>Sayornis saya</i>	Say's phoebe
<i>Tyrannus verticalis</i>	western kingbird
<i>Tyrannus vociferans</i>	Cassin's kingbird
<b>Vireonidae</b>	<b>Vireos</b>
<i>Vireo huttoni</i>	Hutton's vireo
<b>MAMMALS</b>	
<b>Canidae</b>	<b>Dogs, Wolves, and Foxes</b>
<i>Canis latrans</i>	coyote
<b>Cricetidae</b>	<b>Hamsters, Rats, and Mice</b>
<i>Neotoma fuscipes</i>	dusky-footed woodrat
<b>Felidae</b>	<b>Cats</b>
<i>Lynx rufus</i>	bobcat (tracks)
<b>Geomyoidea</b>	<b>Gophers</b>
<i>Thomomys bottae</i>	Botta's pocket gopher
<b>Leporidae</b>	<b>Hares and Rabbits</b>
<i>Sylvilagus audubonii</i>	desert cottontail
<b>Procyonidae</b>	<b>Raccoons and allies</b>
<i>Procyon lotor</i>	common raccoon
<b>Sciuridae</b>	<b>Squirrels</b>
<i>Otospermophilus beecheyi</i>	California ground squirrel
<b>INSECTS</b>	
<b>Nymphalidae</b>	<b>Butterflies</b>
<i>Vanessa atalanta</i>	red admiral
<i>Vanessa cardui</i>	painted lady
<b>Papilionidae</b>	<b>Swallowtail Butterflies</b>
<i>Papilio rutulus</i>	western tiger swallowtail

\*Nonnative species

\*\*CDFW California Species of Special Concern/CDFW Fully Protected Species