

## **Appendix H. CNDDDB/Species Lists**

Sphagnum Bog

Element Code: CTT51110CA

Status	NDDB Element Ranks	Other Lists
Federal: None State: None	Global: G3 State: S1.2	
Habitat Associations		
General:		
Micro:		

Occurrence No. 8      Map Index: 14440      EO Index: 16175      Dates Last Seen  
 Occ Rank: Excellent      Element: 1985-08-12  
 Origin: Natural/Native occurrence      Site: 1985-08-12  
 Presence: Presumed Extant  
 Trend: Unknown      Record Last Updated: 1998-07-16

Quad Summary: Freel Peak (3811978/522C)  
 County Summary: El Dorado

Lat/Long: 38.79104° / -119.96175°      Township: 11N  
 UTM: Zone-11 N4297755 E242759      Range: 18E  
 Area: 292.4 acres      Mapping Precision: SPECIFIC      Section: 23      Qtr: NW  
 Elevation: 7,720 ft      Symbol Type: POLYGON      Meridian: M

Location: GRASS LAKE, ELDORADO NATIONAL FOREST.  
 Location Detail: IN 4 SECTIONS.  
 Ecological: LARGEST SPHAGNUM BOG IN CA-A TRUE QUAKING BOG. SPHAGNUM PATCHY, DREPANOCLADUS (?) MORE WIDESPREAD. OPEN WATER W/INCIPIENT MOSS GROWTH, SHRUBS APPEAR TO BE INVADING EDGES-A TRUE HYDROSERE PER TAYLOR. WATER PH 5.5. 3 TYPES CARNIVOROUS PLANTS.  
 Threat: THREATENED BY WINTER SALT RUNOFF FROM ROAD.  
 General: WILL BE PROPOSED AS RNA BY USFS. THIS WAS OCC #008 OF CTT51110CA.  
 Owner/Manager: USFS-LAKE TAHOE BMU

Occurrence No. 9      Map Index: 14312      EO Index: 9072      Dates Last Seen  
 Occ Rank: Poor      Element: 1985-08-12  
 Origin: Natural/Native occurrence      Site: 1985-08-12  
 Presence: Presumed Extant  
 Trend: Decreasing      Record Last Updated: 1998-07-16

Quad Summary: Echo Lake (3812071/523D)  
 County Summary: El Dorado

Lat/Long: 38.84656° / -120.04241°      Township: 12N  
 UTM: Zone-10 N4303907 E756679      Range: 17E  
 Radius: 1/5 mile      Mapping Precision: NON-SPECIFIC      Section: 36      Qtr: NE  
 Elevation: 6,600 ft      Symbol Type: POINT      Meridian: M

Location: OSGOOD SWAMP.  
 Ecological: SITE DRAINED SEVERAL YEARS AGO & HAS NOT YET RECOVERED. THICK PEAT BUT NO LIVING MOSS SEEN 1985. VEG ALMOST A MONOCULTURE OF CAREX SP; SOME MIMULUS PRIMULOIDES PRESENT. WATER PH 5.5.  
 Threat: CEMENT DAM AT ONE END WHICH PROBABLY AFFECTS PH LOCALLY.  
 General: THIS WAS OCC #009 OF CTT51110CA.  
 Owner/Manager: USFS-ELDORADO NF

**Empidonax traillii**

willow flycatcher

Element Code: ABPAE33040

**Status** \_\_\_\_\_ **NDDB Element Ranks** \_\_\_\_\_ **Other Lists** \_\_\_\_\_  
**Federal:** None **Global:** G5 **CDFG Status:** \_\_\_\_\_  
**State:** Endangered **State:** S1S2

**Habitat Associations**

**General:** INHABITS EXTENSIVE THICKETS OF LOW, DENSE WILLOWS ON EDGE OF WET MEADOWS, PONDS, OR BACKWATERS; 2000-8000 FT ELEVATION  
**Micro:** REQUIRES DENSE WILLOW THICKETS FOR NESTING/ROOSTING. LOW, EXPOSED BRANCHES ARE USED FOR SINGING POSTS/HUNTING PERCHES.

**Occurrence No.** 123 **Map Index:** 58879 **EO Index:** 58915 **Dates Last Seen** \_\_\_\_\_  
**Occ Rank:** Excellent **Element:** 2004-06-22  
**Origin:** Natural/Native occurrence **Site:** 2004-06-22  
**Presence:** Presumed Extant  
**Trend:** Unknown **Record Last Updated:** 2006-09-05

**Quad Summary:** Emerald Bay (3812081/523A)  
**County Summary:** El Dorado

**Lat/Long:** 38.94155° / -120.06255° **Township:** 13N  
**UTM:** Zone-10 N4314394 E754591 **Range:** 17E  
**Area:** **Mapping Precision:**NON-SPECIFIC **Section:** 26 **Qtr:** S  
**Elevation:** 6,250 ft **Symbol Type:**POLYGON **Meridian:** M

**Location:** TAYLOR CREEK MARSH, TALLAC CREEK AND BALDWIN BEACH, JUST SOUTH OF LAKE TAHOE.  
**Ecological:** HABITAT CONSISTS OF A WET MEADOW WITH WILLOW CLUMPS, GRASSES. CREEK RUNS THROUGH OR ALONG MEADOW. THERE IS SOME DISTURBANCE FROM PEOPLE WALKING THROUGH MEADOW.  
**Threat:** CURRENT/SURR LAND USE IS RECREATION.  
**General:** 2 BREEDING ADULTS OBSERVED ON EAST SIDE OF CREEK ON 24 JUN 1992. 2 BREEDING ADULTS OBSERVED ON WEST SIDE OF CREEK ON 26 JUN 1992. BREEDING & NESTING SITE. 4 ADULTS OBSERVED FROM 22 JUN 2004 THROUGHOUT SUMMER. NUMBER OF FLEDGLINGS UNKNOWN.  
**Owner/Manager:** USFS

**Occurrence No.** 124 **Map Index:** 59165 **EO Index:** 59201 **Dates Last Seen** \_\_\_\_\_  
**Occ Rank:** Unknown **Element:** 1935-06-29  
**Origin:** Natural/Native occurrence **Site:** 1935-06-29  
**Presence:** Presumed Extant  
**Trend:** Unknown **Record Last Updated:** 2005-01-07

**Quad Summary:** South Lake Tahoe (3811988/522B)  
**County Summary:** El Dorado

**Lat/Long:** 38.91453° / -119.97244° **Township:** 12N  
**UTM:** Zone-11 N4311493 E242276 **Range:** 18E  
**Area:** **Mapping Precision:**NON-SPECIFIC **Section:** 03 **Qtr:** XX  
**Elevation:** 6,250 ft **Symbol Type:**POLYGON **Meridian:** M

**Location:** VICINITY OF TROUT CREEK IN LAKE VALLEY NEAR SIERRA HOUSE.  
**Location Detail:** 11 EGG SET COLLECTIONS FROM "LAKE VALLEY, NEAR SIERRA HOUSE" AND 1 EGG SET COLLECTION FROM "TROUT CREEK, NEAR SIERRA HOUSE".  
**General:** MVZ #9088 - #9099. ALL COLLECTIONS BY MILTON S. RAY. 3 COLLECTIONS FROM 30 JUN 1910, 3 FROM 1 JUL 1910. 4 COLLECTIONS FROM 26-28 JUN 1912. 1 COLLECTION FROM 5 JUL 1922 & 1 COLLECTION FROM 29 JUN 1935.  
**Owner/Manager:** UNKNOWN

**Occurrence No.** 133 **Map Index:** 65847 **EO Index:** 65926 **Dates Last Seen** \_\_\_\_\_  
**Occ Rank:** Excellent **Element:** 2004-07-27  
**Origin:** Natural/Native occurrence **Site:** 2004-07-27  
**Presence:** Presumed Extant  
**Trend:** Unknown **Record Last Updated:** 2006-09-08

**Quad Summary:** Echo Lake (3812071/523D)  
**County Summary:** El Dorado

**Lat/Long:** 38.80101° / -120.01878° **Township:** 11N  
**UTM:** Zone-10 N4298918 E758895 **Range:** 18E  
**Radius:** 1/10 mile **Mapping Precision:**NON-SPECIFIC **Section:** 17 **Qtr:** NW  
**Elevation:** 6,475 ft **Symbol Type:**POINT **Meridian:** M

**Location:** 0.9 MI SE OF ECHO SUMMIT, UPPERMOST UPPER TRUCKEE AT SOUTH UPPER TRUCKEE ROAD BRIDGE.  
**Location Detail:** "UPPERMOST UPPER TRUCKEE AT SOUTH UPPER TRUCKEE ROAD BRIDGE." MAPPED WHERE TRUCKEE RIVER CROSSES THE ROAD, SLIGHTLY SOUTH OF UTMS GIVEN IN SOURCE (WHICH WERE ROUNDED TO THE NEAREST 100M & OBTAINED FROM A MAP).  
**Ecological:** DOMINANTS: SALIX LEMMONII, S. GEYERIANA & MOUNTAIN ALDER. BEAVER POND WITH BEAVER ALSO DETECTED. LAND USED FOR RECREATION, INCLUDING DOGS IN THE MEADOW.  
**Threat:** COWBIRDS (NEST PARASITISM).  
**General:** BREEDING & NESTING SITE. 2 ADULTS OBSERVED DURING MONITORING FROM 5 JUN THROUGH 13 AUG 2004. PAIR WAS UNSUCCESSFUL & NOT DETECTED AFTER 27 JUL 2004.  
**Owner/Manager:** USFS

**U.S. Fish & Wildlife Service**  
**Sacramento Fish & Wildlife Office**

**Federal Endangered and Threatened Species that Occur in  
or may be Affected by Projects in the Counties and/or  
U.S.G.S. 7 1/2 Minute Quads you requested**

Document Number: 100105114705

Database Last Updated: December 1, 2009

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Quad Lists

Listed Species

Fish

*Hypomesus transpacificus*  
delta smelt (T)

*Oncorhynchus (=Salmo) clarki henshawi*  
Lahontan cutthroat trout (T)

Candidate Species

Amphibians

*Bufo canorus*  
Yosemite toad (C)

*Rana muscosa*  
mountain yellow-legged frog (C)

Mammals

*Martes pennanti*  
fisher (C)

Plants

*Rorippa subumbellata*  
Tahoe yellow-cress (C)

Quads Containing Listed, Proposed or Candidate Species:

SOUTH LAKE TAHOE (522B)

FREEL PEAK (522C)

EMERALD BAY (523A)

ECHO LAKE (523D)

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**County Lists**

No county species lists requested.

**Key:**

(E) *Endangered* - Listed as being in danger of extinction.

(T) *Threatened* - Listed as likely to become endangered within the foreseeable future.

(P) *Proposed* - Officially proposed in the Federal Register for listing as endangered or threatened.

(NMFS) Species under the Jurisdiction of the [National Oceanic & Atmospheric Administration Fisheries Service](#). Consult with them directly about these species.

*Critical Habitat* - Area essential to the conservation of a species.

(PX) *Proposed Critical Habitat* - The species is already listed. Critical habitat is being proposed for it.

(C) *Candidate* - Candidate to become a proposed species.

(V) Vacated by a court order. Not currently in effect. Being reviewed by the Service.

(X) *Critical Habitat* designated for this species

Important Information About Your Species List

How We Make Species Lists

We store information about endangered and threatened species lists by U.S. Geological Survey 7½ minute quads. The United States is divided into these quads, which are about the size of San Francisco.

The animals on your species list are ones that occur within, **or may be affected by** projects within, the quads covered by the list.

- Fish and other aquatic species appear on your list if they are in the same watershed as your quad or if water use in your quad might affect them.
- Amphibians will be on the list for a quad or county if pesticides applied in that area may be carried to their habitat by air currents.
- Birds are shown regardless of whether they are resident or migratory. Relevant birds on the county list should be considered regardless of whether they appear on a quad list.

## Plants

Any plants on your list are ones that have actually been observed in the area covered by the list. Plants may exist in an area without ever having been detected there. You can find out what's in the surrounding quads through the California Native Plant Society's online [Inventory of Rare and Endangered Plants](#).

## Surveying

Some of the species on your list may not be affected by your project. A trained biologist and/or botanist, familiar with the habitat requirements of the species on your list, should determine whether they or habitats suitable for them may be affected by your project. We recommend that your surveys include any proposed and candidate species on your list. See our [Protocol](#) and [Recovery Permits](#) pages.

For plant surveys, we recommend using the [Guidelines for Conducting and Reporting Botanical Inventories](#). The results of your surveys should be published in any environmental documents prepared for your project.

## Your Responsibilities Under the Endangered Species Act

All animals identified as listed above are fully protected under the Endangered Species Act of 1973, as amended. Section 9 of the Act and its implementing regulations prohibit the take of a federally listed wildlife species. Take is defined by the Act as "to harass, harm, pursue, hunt, shoot, wound, kill, trap, capture, or collect" any such animal.

Take may include significant habitat modification or degradation where it actually kills or injures wildlife by significantly impairing essential behavioral patterns, including breeding, feeding, or shelter (50 CFR §17.3).

Take incidental to an otherwise lawful activity may be authorized by one of two procedures:

- If a Federal agency is involved with the permitting, funding, or carrying out of a project that may result in take, then that agency must engage in a formal [consultation](#) with the Service. During formal consultation, the Federal agency, the applicant and the Service work together to avoid or minimize the impact on listed species and their habitat. Such consultation would result in a biological opinion by the Service addressing the anticipated effect of the project on listed and proposed species. The opinion may authorize a limited level of incidental take.
- If no Federal agency is involved with the project, and federally listed species may be taken as part of the project, then you, the applicant, should apply for an incidental take permit. The Service may issue such a permit if you submit a satisfactory conservation plan for the species that would be affected by your project.

Should your survey determine that federally listed or proposed species occur in the area and are likely to be affected by the project, we recommend that you work with this office and the California Department of Fish and Game to develop a plan that minimizes the project's direct and indirect impacts to listed species and compensates for project-related loss of habitat. You should include the plan in any environmental documents you file.

## Critical Habitat

When a species is listed as endangered or threatened, areas of habitat considered essential to its conservation may be designated as critical habitat. These areas may require special management considerations or protection. They provide needed space for growth and normal behavior; food, water, air, light, other nutritional or physiological requirements; cover or shelter; and sites for breeding, reproduction, rearing of offspring, germination or seed dispersal.

Although critical habitat may be designated on private or State lands, activities on these lands are not restricted unless there is Federal involvement in the activities or direct harm to listed wildlife.

If any species has proposed or designated critical habitat within a quad, there will be a separate line for this on the species list. Boundary descriptions of the critical habitat may be found in the Federal Register. The information is also reprinted in the Code of Federal Regulations (50 CFR 17.95). See our [Map Room](#) page.

## Candidate Species

We recommend that you address impacts to candidate species. We put plants and animals on our candidate list when we have enough scientific information to eventually propose them for listing as threatened or endangered. By considering these species early in your planning process you may be able to avoid the problems that could develop if one of these candidates was listed before the end of your project.

## Species of Concern

The Sacramento Fish & Wildlife Office no longer maintains a list of species of concern. However, various other agencies and organizations maintain lists of at-risk species. These lists provide essential information for land management planning and conservation efforts. [More info](#)

## Wetlands

If your project will impact wetlands, riparian habitat, or other jurisdictional waters as defined by section 404 of the Clean Water Act and/or section 10 of the Rivers and Harbors Act, you will need to obtain a permit from the U.S. Army Corps of Engineers. Impacts to wetland habitats require site specific mitigation and monitoring. For questions regarding wetlands, please contact Mark Littlefield of this office at (916) 414-6580.

## Updates

Our database is constantly updated as species are proposed, listed and delisted. If you address proposed and candidate species in your planning, this should not be a problem. However, we recommend that you get an updated list every 90 days. That would be April 05, 2010.



**United States Department of the Interior**  
**FISH AND WILDLIFE SERVICE**

Sacramento Fish and Wildlife Office  
2800 Cottage Way, Room W-2605  
Sacramento, California 95825



January 5, 2010

Document Number: 100105114705

Garth Alling  
Hauge Brueck Associates LLC  
Box 1297  
Zephyr Cove, NV 89448

Subject: Species List for South Tahoe Greenway Shared-Use Trail

Dear: Mr. Alling

We are sending this official species list in response to your January 5, 2010 request for information about endangered and threatened species. The list covers the California counties and/or U.S. Geological Survey 7½ minute quad or quads you requested.

Our database was developed primarily to assist Federal agencies that are consulting with us. Therefore, our lists include all of the sensitive species that have been found in a certain area *and also ones that may be affected by projects in the area*. For example, a fish may be on the list for a quad if it lives somewhere downstream from that quad. Birds are included even if they only migrate through an area. In other words, we include all of the species we want people to consider when they do something that affects the environment.

Please read Important Information About Your Species List (below). It explains how we made the list and describes your responsibilities under the Endangered Species Act.

Our database is constantly updated as species are proposed, listed and delisted. If you address proposed and candidate species in your planning, this should not be a problem. However, we recommend that you get an updated list every 90 days. That would be April 05, 2010.

Please contact us if your project may affect endangered or threatened species or if you have any questions about the attached list or your responsibilities under the Endangered Species Act. A list of Endangered Species Program contacts can be found at [www.fws.gov/sacramento/es/branches.htm](http://www.fws.gov/sacramento/es/branches.htm).

Endangered Species Division

