



SSWP Hydropower, FERC Project No. 2426 Daily Data Tracker

Date:	05/29/2018	Surveyors:	J. Halson, L. Föh
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Location (e.g. QL = Quail Lake)	USFS Land? (Y/N)	Feature Type	Occurrence Type	Species Code(s)	Comments
1 Castaic Trine	N	<input checked="" type="checkbox"/> Point <input type="checkbox"/> Poly	<input type="checkbox"/> NNIP <input checked="" type="checkbox"/> Rare plant	CACL67	single individual Calochortus clavatus var. gracilis in an E. fasciculatum
2 CT	N	<input type="checkbox"/> Point <input checked="" type="checkbox"/> Poly	<input type="checkbox"/> NNIP <input checked="" type="checkbox"/> Rare plant	CAPE18	Calystegia peirsonii (growing in E. fasciculatum)
3 CT	N	<input type="checkbox"/> Point <input checked="" type="checkbox"/> Poly	<input type="checkbox"/> NNIP <input checked="" type="checkbox"/> Rare plant	CAPE18	C. peirsonii (growing in E. fasciculatum, A. californica) in open
4 CT	N	<input checked="" type="checkbox"/> Point <input type="checkbox"/> Poly	<input type="checkbox"/> NNIP <input checked="" type="checkbox"/> Rare plant	CAPE18	C. peirsonii, small patch in open, on hillside
5 CT	N	<input checked="" type="checkbox"/> Point <input type="checkbox"/> Poly	<input type="checkbox"/> NNIP <input checked="" type="checkbox"/> Rare plant	CAPE18	C. peirsonii, small patch in open & w/ H. incana
6 CT	N	<input checked="" type="checkbox"/> Point <input type="checkbox"/> Poly	<input type="checkbox"/> NNIP <input checked="" type="checkbox"/> Rare plant	CAPE18	C. peirsonii, small patch in open & w/ H. incana
7 CT	N	<input checked="" type="checkbox"/> Point <input type="checkbox"/> Poly	<input type="checkbox"/> NNIP <input checked="" type="checkbox"/> Rare plant	CAPE18	C. peirsonii in open, on slope (near sproffleri)
8 CT	N	<input checked="" type="checkbox"/> Point <input type="checkbox"/> Poly	<input type="checkbox"/> NNIP <input checked="" type="checkbox"/> Rare plant	CAPE18	C. peirsonii
9 CT	N	<input type="checkbox"/> Point <input checked="" type="checkbox"/> Poly	<input type="checkbox"/> NNIP <input checked="" type="checkbox"/> Rare plant	CAPE18	C. peirsonii
10 CT	N	<input checked="" type="checkbox"/> Point <input type="checkbox"/> Poly	<input type="checkbox"/> NNIP <input checked="" type="checkbox"/> Rare plant	CAPE18	C. peirsonii (on hillside)
11 CT	N	<input checked="" type="checkbox"/> Point <input type="checkbox"/> Poly	<input type="checkbox"/> NNIP <input checked="" type="checkbox"/> Rare plant	CAPE18	C. peirsonii (1 individual)
12 CT	N	<input type="checkbox"/> Point <input checked="" type="checkbox"/> Poly	<input type="checkbox"/> NNIP <input checked="" type="checkbox"/> Rare plant	CAPE18	C. peirsonii w/ A. californica, E. fasciculatum & S. lueraophylla
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		<input type="checkbox"/> Point <input type="checkbox"/> Poly	<input type="checkbox"/> NNIP <input type="checkbox"/> Rare plant		
Subtotal:	12	8 4	0 12		

Plant Species Observed

N. lepidon  
~~Hemizonia~~  
~~Blumeria~~  
 Lanarbia

- Calochortus clavatus var. gracilis
- Euphorbia albomarginata
- ✓ Artemisia californica
- Calystegia peruviana
- ✓ Lasthenia californica (goldfields)
- ✓ Uropappus lindleyi (silversunflower)
- Senecio vulgaris (groundsel)
- ✓ Amsinckia menziesii
- Eriodictyon crassifolium
- Plagiobathrys canescens
- Descurainia pinnata (hoary mustard)
- Hirschfeldia incana
- ↓ Craton setiger (daisyweed)
- ✓ Acmispon glaber (daisyweed)
- ✓ Erodium cicutarium
- Salvia leucophylla
- ✓ Salvia mellifera
- Trichostema lanatum
- ✓ Malva rotundifolia fasciculatus
- ✓ Nicotiana glauca (2 ind.)
- ✓ Mirabilis laevis var. grandifolia (4th of July)
- ✓ Castilleja exserta
- ✓ Eschscholzia californica
- ✓ Plantago major
- ✓ Bromus diandrus
- ✓ Arena fatua
- ✓ Bromus madritensis ssp. rubens
- ✓ Cynodon dactylon
- Elymus condensatus
- ✓ Cuscuta sp. (Dodder)
- Malva parviflora (cheeseweed)
- ✓ Centaurea melitensis
- ✓ Eriogonum fasciculatum
- Delphinium sp. (not sp. status one)
- Isorema menziesii

- Polygonum aviculare
- Corizanthe (spiniflower)
- Stipa pulchra (purple needle grass)
- ✓ Calochortus venustus
- ✓ Gutierrezia californica
- ✓ Salanum douglasii
- ✓ Vulpia myuros
- Calochortus venustus
- Hemizonia
- Blumeria crassa var. rosea

- Cattle
- Kingbirds
- Red-tail hawk
- Ravens
- Lark sparrows
- wrens



SSWP Hydropower, FERC Project No. 2426 Daily Data Tracker

Date: 05/30/2018 Surveyors: J. Holson, L. Fah

Location (e.g. QL = Quail Lake)	USFS Land? (Y/N)	Feature Type	Occurrence Type	Species Code(s)	Comments	
1 Postole T-Line	N	<input type="checkbox"/> Point <input checked="" type="checkbox"/> Poly	<input type="checkbox"/> NNIP <input checked="" type="checkbox"/> Rare plant	CAPE	<i>C. peirsonii</i> in open, in <i>A. californica</i> & <i>E. fasciculatum</i>	
2 CT	N	<input type="checkbox"/> Point <input checked="" type="checkbox"/> Poly	<input type="checkbox"/> NNIP <input checked="" type="checkbox"/> Rare plant	CAPE	<i>C. peirsonii</i> 3 small patches in open on N-facing slope.	
3 CT	N	<input checked="" type="checkbox"/> Point <input type="checkbox"/> Poly	<input type="checkbox"/> NNIP <input checked="" type="checkbox"/> Rare plant	CAPE	<i>C. peirsonii</i> on S-facing slope in a <i>A. californica</i>	
4 CT	N	<input checked="" type="checkbox"/> Point <input type="checkbox"/> Poly	<input type="checkbox"/> NNIP <input checked="" type="checkbox"/> Rare plant	CAPE	<i>C. peirsonii</i> on S-facing slope in <i>A. californica</i> & <i>E. fasciculatum</i>	
5 CT	N	<input checked="" type="checkbox"/> Point <input type="checkbox"/> Poly	<input type="checkbox"/> NNIP <input checked="" type="checkbox"/> Rare plant	CAPE	<i>C. peirsonii</i> N. slope, in open to ground <i>E. fasciculatum</i>	
6 CT	N	<input type="checkbox"/> Point <input checked="" type="checkbox"/> Poly	<input type="checkbox"/> NNIP <input checked="" type="checkbox"/> Rare plant	CAPE	<i>C. peirsonii</i> In drainage (3 along). In open to also <i>E. fasciculatum</i>	
7 CT	N	<input checked="" type="checkbox"/> Point <input type="checkbox"/> Poly	<input type="checkbox"/> NNIP <input checked="" type="checkbox"/> Rare plant	CAPE	<i>C. peirsonii</i> In's around <i>A. californica</i> & dead <i>E. fasciculatum</i>	
8 CT	N	<input type="checkbox"/> Point <input checked="" type="checkbox"/> Poly	<input type="checkbox"/> NNIP <input checked="" type="checkbox"/> Rare plant	CAPE	<i>C. peirsonii</i> In to a road bank of drainage. In open to in shrubs.	
9 CT	N	<input type="checkbox"/> Point <input checked="" type="checkbox"/> Poly	<input type="checkbox"/> NNIP <input checked="" type="checkbox"/> Rare plant	CAPE	<i>C. peirsonii</i> In open to growing in shrubs	
10 CT	N	<input checked="" type="checkbox"/> Point <input type="checkbox"/> Poly	<input type="checkbox"/> NNIP <input checked="" type="checkbox"/> Rare plant	CAPE	<i>C. peirsonii</i> Small patch on hilltop, in open	
11 CT	N	<input type="checkbox"/> Point <input checked="" type="checkbox"/> Poly	<input type="checkbox"/> NNIP <input checked="" type="checkbox"/> Rare plant	CAPE	<i>C. peirsonii</i> In open under white pine	
12 CT	N	<input checked="" type="checkbox"/> Point <input type="checkbox"/> Poly	<input type="checkbox"/> NNIP <input checked="" type="checkbox"/> Rare plant	CAPE	<i>C. peirsonii</i> In drainage.	
13 CT	N	<input type="checkbox"/> Point <input checked="" type="checkbox"/> Poly	<input type="checkbox"/> NNIP <input checked="" type="checkbox"/> Rare plant	CAPE	<i>C. peirsonii</i> on N-facing slope	
14 CT	N	<input checked="" type="checkbox"/> Point <input type="checkbox"/> Poly	<input type="checkbox"/> NNIP <input checked="" type="checkbox"/> Rare plant	CAPE	<i>Sisymbrium irio</i> 6 small ind. plants } open grassland	
15 CT	N	<input checked="" type="checkbox"/> Point <input type="checkbox"/> Poly	<input type="checkbox"/> NNIP <input checked="" type="checkbox"/> Rare plant	SALTRA	<i>S. irio</i> 3 small ind. plants	
16 CT	N	<input checked="" type="checkbox"/> Point <input type="checkbox"/> Poly	<input type="checkbox"/> NNIP <input checked="" type="checkbox"/> Rare plant	CAPE	<i>C. peirsonii</i> In open grassland	
17 CT	N	<input type="checkbox"/> Point <input checked="" type="checkbox"/> Poly	<input type="checkbox"/> NNIP <input checked="" type="checkbox"/> Rare plant	CAPE	<i>C. peirsonii</i> on NW-facing slope, hillsides dominated by <i>H. incana</i> .	
18 CT	N	<input type="checkbox"/> Point <input checked="" type="checkbox"/> Poly	<input type="checkbox"/> NNIP <input checked="" type="checkbox"/> Rare plant	CAPE	<i>C. peirsonii</i> In drainage	
19 CT	N	<input checked="" type="checkbox"/> Point <input type="checkbox"/> Poly	<input type="checkbox"/> NNIP <input checked="" type="checkbox"/> Rare plant	CAPE	<i>C. peirsonii</i> 1 ind on hillside, grassy.	
20 CT	N	<input checked="" type="checkbox"/> Point <input type="checkbox"/> Poly	<input type="checkbox"/> NNIP <input checked="" type="checkbox"/> Rare plant	CA-CLG	<i>Colobortus clavatus</i> var. <i>gracilis</i> single ind. on W face slope	
21 CT	N	<input checked="" type="checkbox"/> Point <input type="checkbox"/> Poly	<input type="checkbox"/> NNIP <input checked="" type="checkbox"/> Rare plant	CA-CLG	<i>C. clavatus</i> var. <i>gracilis</i> ~5 ind on same hillside in open } growing in <i>E. fasciculatum</i>	
22 CT	N	<input checked="" type="checkbox"/> Point <input type="checkbox"/> Poly	<input type="checkbox"/> NNIP <input checked="" type="checkbox"/> Rare plant	CA-CLG	<i>C. clavatus</i> var. <i>gracilis</i> 1 ind. same hillside.	
23 CT	N	<input type="checkbox"/> Point <input checked="" type="checkbox"/> Poly	<input type="checkbox"/> NNIP <input checked="" type="checkbox"/> Rare plant	CENMEL	<i>Centauria melitensis</i>	
		<input type="checkbox"/> Point <input type="checkbox"/> Poly	<input type="checkbox"/> NNIP <input type="checkbox"/> Rare plant			
Subtotal:	23	13	10	3	20	

Another sample of *C. peirsonii* at end of slope  
 @ end of slope  
 others @ end of plateau

~~Blumeria~~

N. cernua

T. hirtum



Plant Species Observed

Artemisia californica  
 Salvia leucophylla  
 Eragrostis fasciculatum  
 Avena fatua  
 Bromus madritensis ssp. ruberis  
 Acmispon glaber  
 Delphinium sp. (not sp. status are)  
 Salix mellifera  
 Lasthenia californica  
 - Layia sp. (platyglossa?)  
 - Hemizonia sp.  
 - Plantago major  
 Plagiobothrys canescens var. canescens  
 Hordeum murinum  
 Lactuca serriola  
 Hirschfeldia incana  
 Erodium batrys  
 Erodium cicutarium  
 Mirabilis sp.  
 - Gray solanum  
 Eriogonum nudum  
 Asclepias fascicularis  
 Daucus pusillus  
 Pectocarya pericillata  
 Castilleja exserta  
 Crataegus setiger  
 Astragalus sp.  
 Corethrocyne filaginifolia var. filaginifolia  
 Salvia mellifera  
 Cuscuta sp.  
 Centaurea melitensis  
 Sarcola fragus  
 Calochortus venustus  
 Calochortus claratus var. gracilis  
 Calystegia peirsonii

Mirabilis laevis var. Crassifolia  
 Uropappus lindleyi  
 Eradictyon crassifolium var. crassifolium  
 Hesperoyucca whipplei  
 Malva parviflora  
 Malacothamnus fasciculatus var. fasciculatus  
 Lupinus sp.  
 Acmispon strigosus  
 Nicotiana glauca  
 Heterotheca grandiflora  
 Bloomeria crocea var. crocea

Quail  
 Ravens



SSWP Hydropower, FERC Project No. 2426 Daily Data Tracker

Date: 05/31/18 Surveyors: J. Holson, L. Fah

Location (e.g. QL = Quail Lake)	USFS Land? (Y/N)	Feature Type	Occurrence Type	Species Code(s)	Comments
Pastore T-Line	N	<input type="checkbox"/> Point <input checked="" type="checkbox"/> Poly	<input checked="" type="checkbox"/> NNIP <input type="checkbox"/> Rare plant	CENMEL	Centura
CT	N	<input type="checkbox"/> Point <input checked="" type="checkbox"/> Poly	<input checked="" type="checkbox"/> NNIP <input type="checkbox"/> Rare plant	CENMEL #904 SALTRA	Centura, Italian thistle, S. fragus
CT	N	<input checked="" type="checkbox"/> Point <input type="checkbox"/> Poly	<input type="checkbox"/> NNIP <input type="checkbox"/> Rare plant	N/A	Incidental RTWA active nest top of utility pole
CT	N	<input checked="" type="checkbox"/> Point <input type="checkbox"/> Poly	<input type="checkbox"/> NNIP <input checked="" type="checkbox"/> Rare plant	CACLG	C. clavatus var. gracilis single individual sunny slope
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Subtotal:	4	2 2	2 1		

\* 7 is a nest not a plant. plus 1 incidental active Red-tail hawk nest.

*E. pschoreptator* | Nescella

*Leylas cinereas*



Plant Species Observed

*Bromus diandrus*

*Bromus madritensis* ssp. *rubens*

*Hirschfeldia incana*

*Artemisia californica*

*Salvia mellitica*

*Sambucus nigra* ssp. *caerulea*

*Salvia leucophylla*

*Adenostoma fasciculatum*

*Emmenanthe penduliflora* var. *proditiflora*

*Datura wrightii*

*Centaurea melitensis*

*Salsola tragus*

*Solanum douglasii*

*Malacothamnus fasciculatus*

- *Malacothrix* sp. (*saxatilis*?)

*Mirabilis laevis* var. *crassifolia*

*Lactuca scariola*

*Hesperoyucca whipplei*

*Eradium batrys*

*Eradium cicutarium*

*Medicago polymorpha*

*Castilleja exserta*

*Melilotus officinalis*

*Corethrogyne filaginifolia*

*Senecio vulgaris*

*Heterotheca grandiflora*

*Arena fatua*

*Baccharis pilularis*

*Schismus arabicus*

*Halidum marinum* ssp. *leporinum*

*Encelia acutenii*

*Stanleya pinnata*

*Cuscuta* sp.

*Adenostoma fasciculatum*

*Eriodictyon crassifolium* var. *crassifolium*

*Calochortus clavatus* var. *gracilis*

*Aemisson glaber*

*Ambrosia psilostachya*

*Antirrhinum coulterianum*

*Salsola tragus*

*Carduus pycnocephalus*

*Malacothamnus fasciculatus* var. *fasciculatus*

*Elymus condensatus*

*Eriogonum fasciculatum*

*Salvia columbariae*

*Ericameria pinnatifida*

*Bloomeria crocea* var. *crocea*

Quail

Red-tail hawk

Phainopepla

Ravens