

Mail to:
 California Natural Diversity Database
 California Dept. of Fish & Wildlife
 1416 9th Street, Suite 1266
 Sacramento, CA 95814
 Fax: (916) 324-0475 email: CNDDDB@wildlife.ca.gov

For Office Use Only

Source Code: _____ Quad Code: _____
 Elm Code: _____ Occ No.: _____
 EO Index: _____ Map Index: _____

Date of Field Work (mm/dd/yyyy): 5/29/18

California Native Species Field Survey Form

Scientific Name: *Calystegia peirsonii*

Common Name: Peirson's morning glory

Species Found? Yes No
 If not found, why? _____
 Total No. Individuals: 10 Subsequent Visit? Yes No
 Is this an existing NDDDB occurrence? unknown No Unk.
 Yes, Occ. # _____
 Collection? If yes: No
 Number _____ Museum / Herbarium _____

Reporter: Sarah Tona
Address: Stantec, 5000 Bechelli Ln Suite 203
 Redding, CA 96002
E-mail Address: Sarah.tona@stantec.com
Phone: 530-222-5347

Plant Information
 Phenology:
 % vegetative 100 % flowering _____ % fruiting _____

Animal Information
 # adults _____ # juveniles _____ # larvae _____ # egg masses _____ # unknown _____
 wintering breeding nesting rookery burrow site lek other

Location Description (please attach map AND/OR fill out your choice of coordinates, below)

County: _____ Landowner / Mgr: _____
 Quad Name: _____ Elevation: _____
 T _____ R _____ Sec _____, _____ 1/4 of _____ 1/4, Meridian: H M S Source of Coordinates (GPS, topo. map & type): _____
 T _____ R _____ Sec _____, _____ 1/4 of _____ 1/4, Meridian: H M S GPS Make & Model: _____
DATUM: NAD27 NAD83 WGS84 Horizontal Accuracy: _____ meters/feet
 Coordinate System: UTM Zone 10 UTM Zone 11 OR Geographic (Latitude & Longitude)
 Coordinates: _____

Habitat Description (plants & animals) plant communities, dominants, associates, substrates/soils, aspects/slope:
Animal Behavior (Describe observed behavior, such as territoriality, foraging, singing, calling, copulating, perching, roosting, etc., especially for avifauna):
 Sandbar willow scrub dominated by *Salix exigua* and *Baccharis salicifolia*.
 Associates: *Melilotus indicus*, *Xanthium*(?)
 SW facing slope, 40%, sandy soil

Please fill out separate form for other rare taxa seen at this site.

Site Information Overall site/occurrence quality/viability (site + population): Excellent Good Fair Poor
 Immediate AND surrounding land use: located between access road and Elderberry forebay.
 Visible disturbances: varying water levels and close proximity to the forebay
 Threats: vegetation maintenance
 Comments: _____

Determination: (check one or more, and fill in blanks)
 Keyed (cite reference): Jeppson II
 Compared with specimen housed at: _____
 Compared with photo / drawing in: _____
 By another person (name): _____
 Other: _____

Photographs: (check one or more)
 Plant / animal Slide Print Digital
 Habitat
 Diagnostic feature
 May we obtain duplicates at our expense? yes no

1st and 2nd polygon

Mail to:
California Natural Diversity Database
California Dept. of Fish & Wildlife
1416 9th Street, Suite 1266
Sacramento, CA 95814
Fax: (916) 324-0475 email: CNDDDB@wildlife.ca.gov

For Office Use Only
Source Code: _____ Quad Code: _____
Elm Code: _____ Occ No.: _____
EO Index: _____ Map Index: _____

Date of Field Work (mm/dd/yyyy): 5/30/18

Clear Form **California Native Species Field Survey Form** **Print Form**

Scientific Name: Calystegia peirsonii

Common Name: Peirson's morning glory

Species Found? Yes No If not found, why?
Total No. Individuals: ~500 Subsequent Visit? Yes No
Is this an existing NDDDB occurrence? unknown No Unk.
Collection? If yes: No Number _____ Museum / Herbarium _____
Reporter: Sarah Tona, Stantec
Address: 5000 Bechelli Ln #203
Redding, CA 96002
E-mail Address: sarah.tona@stantec.com
Phone: 530-222-5347

Plant Information
Phenology: 95 5 —
% vegetative % flowering % fruiting
Animal Information
adults # juveniles # larvae # egg masses # unknown
 wintering breeding nesting rookery burrow site lek other

Location Description (please attach map AND/OR fill out your choice of coordinates, below)
County: _____ Landowner / Mgr: _____
Quad Name: _____ Elevation: _____
T _____ R _____ Sec _____, _____ 1/4 of _____ 1/4, Meridian: H M S Source of Coordinates (GPS, topo. map & type): _____
T _____ R _____ Sec _____, _____ 1/4 of _____ 1/4, Meridian: H M S GPS Make & Model: _____
DATUM: NAD27 NAD83 WGS84 Horizontal Accuracy: _____ meters/feet
Coordinate System: UTM Zone 10 UTM Zone 11 OR Geographic (Latitude & Longitude)
Coordinates: _____

Habitat Description (plants & animals) plant communities, dominants, associates, substrates/soils, aspects/slope:
Animal Behavior (Describe observed behavior, such as territoriality, foraging, singing, calling, copulating, perching, roosting, etc., especially for avifauna):
California buckwheat scrub, dominated by CA buckwheat, Artemisia californica, and Salvia mellifera. Associates: Avena barbata, Amsinckia menziesii, Phacelia distans, Mirabilis laevis var. crassifolia.
Sandy loam 10-20% slope, SW aspect.
Please fill out separate form for other rare taxa seen at this site.

Site Information Overall site/occurrence quality/viability (site + population): Excellent Good Fair Poor
Immediate AND surrounding land use: open space between access road and Elderberry forebay
Visible disturbances: None
Threats: None
Comments: _____

Determination: (check one or more, and fill in blanks)
 Keyed (cite reference): Jepson II
 Compared with specimen housed at: _____
 Compared with photo / drawing in: _____
 By another person (name): _____
 Other: _____
Photographs: (check one or more)
Plant / animal Slide Print Digital
Habitat Slide Print Digital
Diagnostic feature Slide Print Digital
May we obtain duplicates at our expense? yes no

3rd location (point) mapped for 5/30/18

Mail to:
California Natural Diversity Database
California Dept. of Fish & Wildlife
1416 9th Street, Suite 1266
Sacramento, CA 95814
Fax: (916) 324-0475 email: CNDDDB@wildlife.ca.gov

For Office Use Only	
Source Code: _____	Quad Code: _____
Elm Code: _____	Occ No.: _____
EO Index: _____	Map Index: _____

Date of Field Work (mm/dd/yyyy): 5/30/18

Clear Form **California Native Species Field Survey Form** Print Form

Scientific Name: *Calystegia peirsonii*

Common Name:

Species Found? <input checked="" type="radio"/> Yes <input type="radio"/> No If not found, why?	Reporter: Sarah Tona, Stantec
Total No. Individuals: 250 Subsequent Visit? <input type="radio"/> Yes <input checked="" type="radio"/> No	Address: 5000 Bechelli Ln #203 Redding, CA 96002
Is this an existing NDDDB occurrence? <u>unk</u> Yes, Occ. # <input type="checkbox"/> No <input type="checkbox"/> Unk.	E-mail Address: Sarah.tona@stantec.com
Collection? If yes: <u>NO</u> Number _____ Museum / Herbarium _____	Phone: 530-222-5347

Plant Information	Animal Information															
Phenology: % vegetative: 90 % flowering: 10 % fruiting: 20	<table border="0"> <tr> <td># adults</td> <td># juveniles</td> <td># larvae</td> <td># egg masses</td> <td># unknown</td> </tr> <tr> <td><input type="checkbox"/> wintering</td> <td><input type="checkbox"/> breeding</td> <td><input type="checkbox"/> nesting</td> <td><input type="checkbox"/> rookery</td> <td><input type="checkbox"/> burrow site</td> </tr> <tr> <td></td> <td></td> <td></td> <td><input type="checkbox"/> lek</td> <td><input type="checkbox"/> other</td> </tr> </table>	# adults	# juveniles	# larvae	# egg masses	# unknown	<input type="checkbox"/> wintering	<input type="checkbox"/> breeding	<input type="checkbox"/> nesting	<input type="checkbox"/> rookery	<input type="checkbox"/> burrow site				<input type="checkbox"/> lek	<input type="checkbox"/> other
# adults	# juveniles	# larvae	# egg masses	# unknown												
<input type="checkbox"/> wintering	<input type="checkbox"/> breeding	<input type="checkbox"/> nesting	<input type="checkbox"/> rookery	<input type="checkbox"/> burrow site												
			<input type="checkbox"/> lek	<input type="checkbox"/> other												

Location Description (please attach map AND/OR fill out your choice of coordinates, below)

County: _____ Landowner / Mgr: _____
 Quad Name: _____ Elevation: _____
 T _____ R _____ Sec _____, _____ 1/4 of _____ 1/4, Meridian: H M S Source of Coordinates (GPS, topo. map & type): _____
 T _____ R _____ Sec _____, _____ 1/4 of _____ 1/4, Meridian: H M S GPS Make & Model: _____
DATUM: NAD27 NAD83 WGS84 Horizontal Accuracy: _____ meters/feet
 Coordinate System: UTM Zone 10 UTM Zone 11 OR Geographic (Latitude & Longitude)
 Coordinates: _____

Habitat Description (plants & animals) plant communities, dominants, associates, substrates/soils, aspects/slope:

Animal Behavior (Describe observed behavior, such as territoriality, foraging, singing, calling, copulating, perching, roosting, etc., especially for avifauna):
 California buckwheat scrub, dominated by *Eriogonum fasciculatum*, *Artemisia californica* *Eriodictyon crassifolium*, associated with same species, plus *Bromus madritensis* ssp. *rubens*. SW facing aspect, 30% slope, sandy loam

Please fill out separate form for other rare taxa seen at this site.

Site Information Overall site/occurrence quality/viability (site + population): Excellent Good Fair Poor

Immediate AND surrounding land use: open space between access road; forebay
 Visible disturbances: None
 Threats: None
 Comments:

Determination: (check one or more, and fill in blanks) <input checked="" type="checkbox"/> Keyed (cite reference): <u>Jepson II</u> <input type="checkbox"/> Compared with specimen housed at: _____ <input type="checkbox"/> Compared with photo / drawing in: _____ <input type="checkbox"/> By another person (name): _____ <input type="checkbox"/> Other: _____	Photographs: (check one or more) <table border="0"> <tr> <td></td> <td>Slide</td> <td>Print</td> <td>Digital</td> </tr> <tr> <td>Plant / animal</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> </tr> <tr> <td>Habitat</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> </tr> <tr> <td>Diagnostic feature</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> </tr> </table> <p>May we obtain duplicates at our expense? <input checked="" type="radio"/> yes <input type="radio"/> no</p>		Slide	Print	Digital	Plant / animal	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Habitat	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Diagnostic feature	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Slide	Print	Digital														
Plant / animal	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>														
Habitat	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>														
Diagnostic feature	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>														

4th location (polygon)

Mail to:
California Natural Diversity Database
California Dept. of Fish & Wildlife
1416 9th Street, Suite 1266
Sacramento, CA 95814
Fax: (916) 324-0475 email: CNDDDB@wildlife.ca.gov

For Office Use Only
Source Code: _____ Quad Code: _____
Elm Code: _____ Occ No.: _____
EO Index: _____ Map Index: _____

Date of Field Work (mm/dd/yyyy): 5/30/18

Clear Form **California Native Species Field Survey Form** **Print Form**

Scientific Name: Calystegia personii

Common Name: Pearson's morning glory

Species Found? Yes No
If not found, why? _____
Total No. Individuals: 75 Subsequent Visit? Yes No
Is this an existing NDDDB occurrence? unknown No Unk.
Yes, Occ. # _____
Collection? If yes: _____
Number _____ Museum / Herbarium _____

Reporter: Sarah Tona, Stantec
Address: 5000 Bechelli Ln #203
Redding, CA 96002
E-mail Address: Sarah.tona@stantec.com
Phone: 530-222-5347

Plant Information
Phenology:
80 20
% vegetative % flowering % fruiting

Animal Information
adults # juveniles # larvae # egg masses # unknown
 wintering breeding nesting rookery burrow site lek other

Location Description (please attach map AND/OR fill out your choice of coordinates, below)

County: _____ Landowner / Mgr: _____
Quad Name: _____ Elevation: _____
T _____ R _____ Sec _____, _____ 1/4 of _____ 1/4, Meridian: H M S Source of Coordinates (GPS, topo. map & type): _____
T _____ R _____ Sec _____, _____ 1/4 of _____ 1/4, Meridian: H M S GPS Make & Model: _____
DATUM: NAD27 NAD83 WGS84 Horizontal Accuracy: _____ meters/feet
Coordinate System: UTM Zone 10 UTM Zone 11 OR Geographic (Latitude & Longitude)
Coordinates: _____

Habitat Description (plants & animals) plant communities, dominants, associates, substrates/soils, aspects/slope:

Animal Behavior (Describe observed behavior, such as territoriality, foraging, singing, calling, copulating, perching, roosting, etc., especially for avifauna):
California buckwheat scrub, Eriogonum fasciculatum, Salvia leucophylla, Atriplex californica, Associates: Atriplex californica, Avena barbata
Sandy loam, 10-30% slope, SW aspect

Please fill out separate form for other rare taxa seen at this site.

Site Information Overall site/occurrence quality/viability (site + population): Excellent Good Fair Poor

Immediate AND surrounding land use: open area between forebay and access road
Visible disturbances: None
Threats: None
Comments: _____

Determination: (check one or more, and fill in blanks)
 Keyed (cite reference): Jepson II
 Compared with specimen housed at: _____
 Compared with photo / drawing in: _____
 By another person (name): _____
 Other: _____

Photographs: (check one or more)
Slide Print Digital
Plant / animal
Habitat
Diagnostic feature
May we obtain duplicates at our expense? yes no

1st location (poly)

Mail to:
California Natural Diversity Database
California Dept. of Fish & Wildlife
1416 9th Street, Suite 1266
Sacramento, CA 95814
Fax: (916) 324-0475 email: CNDDDB@wildlife.ca.gov

For Office Use Only
Source Code: _____ Quad Code: _____
Elm Code: _____ Occ No.: _____
EO Index: _____ Map Index: _____

Date of Field Work (mm/dd/yyyy): 5/31/2018

Clear Form **California Native Species Field Survey Form** **Print Form**

Scientific Name: Calystegia peirsonii

Common Name: Pearson's morning glory

Species Found? Yes No
If not found, why? _____
Total No. Individuals: 60 Subsequent Visit? Yes No
Is this an existing NDDDB occurrence? unknown No Unk.
Yes, Occ. # _____
Collection? If yes: None
Number _____ Museum / Herbarium _____

Reporter: Sarah Tona, Stantec
Address: 5000 Bechelli Ln # 203
Redding, CA 96002
E-mail Address: Sarah.tona@stantec.com
Phone: 530-222-5347

Plant Information
Phenology:
50 50
% vegetative % flowering % fruiting

Animal Information
adults # juveniles # larvae # egg masses # unknown
 wintering breeding nesting rookery burrow site lek other

Location Description (please attach map AND/OR fill out your choice of coordinates, below)

County: _____ Landowner / Mgr: _____
Quad Name: _____ Elevation: _____
T _____ R _____ Sec _____, _____ 1/4 of _____ 1/4, Meridian: H M S Source of Coordinates (GPS, topo. map & type): _____
T _____ R _____ Sec _____, _____ 1/4 of _____ 1/4, Meridian: H M S GPS Make & Model: _____
DATUM: NAD27 NAD83 WGS84 Horizontal Accuracy: _____ meters/feet
Coordinate System: UTM Zone 10 UTM Zone 11 OR Geographic (Latitude & Longitude)
Coordinates: _____

Habitat Description (plants & animals) plant communities, dominants, associates, substrates/soils, aspects/slope:

Animal Behavior (Describe observed behavior, such as territoriality, foraging, singing, calling, copulating, perching, roosting, etc., especially for avifauna):
California buckwheat - Artemisia californica scrub, Dominated by Eriogonum fasciculatum, Artemisia californica, Lepidospartum squamatum, Eriodictyon crassifolium, Salvia leucophylla
Associated w/ some species
Substrate: Rocky sand; 5% slope - SW facing
Please fill out separate form for other rare taxa seen at this site.

Site Information Overall site/occurrence quality/viability (site + population): Excellent Good Fair Poor

Immediate AND surrounding land use: open area between forebay and access road
Visible disturbances: None
Threats: None
Comments: _____

Determination: (check one or more, and fill in blanks)
 Keyed (cite reference): Jepson II
 Compared with specimen housed at: _____
 Compared with photo / drawing in: _____
 By another person (name): _____
 Other: _____

Photographs: (check one or more)
Plant / animal Slide Print Digital
Habitat Slide Print Digital
Diagnostic feature Slide Print Digital
May we obtain duplicates at our expense? yes no

2nd location for 5/31/18

Mail to:
California Natural Diversity Database
California Dept. of Fish & Wildlife
1416 9th Street, Suite 1266
Sacramento, CA 95814
Fax: (916) 324-0475 email: CNDDDB@wildlife.ca.gov

For Office Use Only
Source Code: _____ Quad Code: _____
Elm Code: _____ Occ No.: _____
EO Index: _____ Map Index: _____

Date of Field Work (mm/dd/yyyy): 5/31/18

Clear Form **California Native Species Field Survey Form** Print Form

Scientific Name: *Calystegia peirsonii*

Common Name: Peirson's morning glory

Species Found? Yes No If not found, why?
Total No. Individuals: ~100 Subsequent Visit? Yes No
Is this an existing NDDDB occurrence? unknown No Unk.
Collection? If yes: NO
Number Museum / Herbarium
Reporter: Sarah Tona, Stantec
Address: 5000 Bechelli Ln, #203
Redding, CA 96002
E-mail Address: sarah.tona@stantec.com
Phone: 530-222-5347

Plant Information
Phenology: 96 2 2
% vegetative % flowering % fruiting
Animal Information
adults # juveniles # larvae # egg masses # unknown
 wintering breeding nesting rookery burrow site lek other

Location Description (please attach map AND/OR fill out your choice of coordinates, below)

County: _____ Landowner / Mgr: _____
Quad Name: _____ Elevation: _____
T _____ R _____ Sec _____, _____ 1/4 of _____ 1/4, Meridian: H M S Source of Coordinates (GPS, topo. map & type): _____
T _____ R _____ Sec _____, _____ 1/4 of _____ 1/4, Meridian: H M S GPS Make & Model: _____
DATUM: NAD27 NAD83 WGS84 Horizontal Accuracy: _____ meters/feet
Coordinate System: UTM Zone 10 UTM Zone 11 OR Geographic (Latitude & Longitude)
Coordinates: _____

Habitat Description (plants & animals) plant communities, dominants, associates, substrates/soils, aspects/slope:
Animal Behavior (Describe observed behavior, such as territoriality, foraging, singing, calling, copulating, perching, roosting, etc., especially for avifauna):
California buckwheat scrub dominated by CA buckwheat. Associates:
Avena barbata, Asclepias speciosa
SW facing slope, 0-5% slope, sandy soil.
Please fill out separate form for other rare taxa seen at this site.

Site Information Overall site/occurrence quality/viability (site + population): Excellent Good Fair Poor
Immediate AND surrounding land use: open space above Elderberry forebay
Visible disturbances: none
Threats: none
Comments: _____

Determination: (check one or more, and fill in blanks)
 Keyed (cite reference): Jepson II
 Compared with specimen housed at: _____
 Compared with photo / drawing in: _____
 By another person (name): _____
 Other: _____
Photographs: (check one or more)
Plant / animal Slide Print Digital
Habitat
Diagnostic feature
May we obtain duplicates at our expense? yes no

3rd Location (point)

Mail to:
California Natural Diversity Database
California Dept. of Fish & Wildlife
1416 9th Street, Suite 1266
Sacramento, CA 95814

Fax: (916) 324-0475 email: CNDDDB@wildlife.ca.gov

For Office Use Only

Source Code: _____ Quad Code: _____
Elm Code: _____ Occ No.: _____
EO Index: _____ Map Index: _____

Date of Field Work (mm/dd/yyyy): 5/31/18

Clear Form

California Native Species Field Survey Form

Print Form

Scientific Name: Calystegia personii

Common Name: Pearson's morning glory

Species Found? Yes No If not found, why?

Total No. Individuals: 10 Subsequent Visit? Yes No

Is this an existing NDDDB occurrence? unknown No Unk.
Yes, Occ. #

Collection? If yes: NO Number Museum / Herbarium

Reporter: Sarah Tora

Address: _____

E-mail Address: _____

Phone: _____

Plant Information

Phenology:
90% vegetative 10% flowering % fruiting

Animal Information

adults # juveniles # larvae # egg masses # unknown
 wintering breeding nesting rookery burrow site lek other

Location Description (please attach map AND/OR fill out your choice of coordinates, below)

County: _____ Landowner / Mgr: _____

Quad Name: _____ Elevation: _____

T _____ R _____ Sec _____, _____ 1/4 of _____ 1/4, Meridian: H M S Source of Coordinates (GPS, topo. map & type): _____

T _____ R _____ Sec _____, _____ 1/4 of _____ 1/4, Meridian: H M S GPS Make & Model: _____

DATUM: NAD27 NAD83 WGS84 Horizontal Accuracy: _____ meters/feet

Coordinate System: UTM Zone 10 UTM Zone 11 OR Geographic (Latitude & Longitude)

Coordinates: _____

Habitat Description (plants & animals) plant communities, dominants, associates, substrates/soils, aspects/slope:

Animal Behavior (Describe observed behavior, such as territoriality, foraging, singing, calling, copulating, perching, roosting, etc., especially for avifauna):

CA buckwheat scrub, dominated by CA buckwheat, Salvia leucophylla, Artemisia californica. Associates: same as above, and Avena barbata
SW facing slope, 10-20% slope, sandy loam.

Please fill out separate form for other rare taxa seen at this site.

Site Information Overall site/occurrence quality/viability (site + population): Excellent Good Fair Poor

Immediate AND surrounding land use: open area above water level of Elderbury forebay

Visible disturbances: NONE

Threats: NONE

Comments: _____

Determination: (check one or more, and fill in blanks)

- Keyed (cite reference): Jepson II
- Compared with specimen housed at: _____
- Compared with photo / drawing in: _____
- By another person (name): _____
- Other: _____

Photographs: (check one or more)

Plant / animal Slide Print Digital
Habitat Slide Print Digital
Diagnostic feature Slide Print Digital

May we obtain duplicates at our expense? yes no

4th Location (point)

Mail to:
California Natural Diversity Database
California Dept. of Fish & Wildlife
1416 9th Street, Suite 1266
Sacramento, CA 95814

Fax: (916) 324-0475 email: CNDDDB@wildlife.ca.gov

For Office Use Only	
Source Code: _____	Quad Code: _____
Elm Code: _____	Occ No.: _____
EO Index: _____	Map Index: _____

Date of Field Work (mm/dd/yyyy): 5/31/18

Clear Form **California Native Species Field Survey Form** Print Form

Scientific Name: *Calyptegia peirsonii*

Common Name: Peirson's ~~fat~~ morning glory

Species Found? Yes No If not found, why?

Total No. Individuals: 5 Subsequent Visit? Yes No

Is this an existing NDDDB occurrence? unknown No Unk.
Yes, Occ. #

Collection? If yes: NO
Number Museum / Herbarium

Reporter: Sarah Tona

Address: _____

E-mail Address: _____

Phone: _____

Plant Information

Phenology:
80 20
% vegetative % flowering % fruiting

Animal Information

<u> </u> # adults	<u> </u> # juveniles	<u> </u> # larvae	<u> </u> # egg masses	<u> </u> # unknown
<input type="checkbox"/> wintering	<input type="checkbox"/> breeding	<input type="checkbox"/> nesting	<input type="checkbox"/> rookery	<input type="checkbox"/> burrow site
				<input type="checkbox"/> lek <input type="checkbox"/> other

Location Description (please attach map AND/OR fill out your choice of coordinates, below)

County: _____ Landowner / Mgr: _____

Quad Name: _____ Elevation: _____

T _____ R _____ Sec _____, _____ 1/4 of _____ 1/4, Meridian: H M S Source of Coordinates (GPS, topo. map & type): _____

T _____ R _____ Sec _____, _____ 1/4 of _____ 1/4, Meridian: H M S GPS Make & Model: _____

DATUM: NAD27 NAD83 WGS84 Horizontal Accuracy: _____ meters/feet

Coordinate System: UTM Zone 10 UTM Zone 11 OR Geographic (Latitude & Longitude)

Coordinates: _____

Habitat Description (plants & animals) plant communities, dominants, associates, substrates/soils, aspects/slope:

Animal Behavior (Describe observed behavior, such as territoriality, foraging, singing, calling, copulating, perching, roosting, etc., especially for avifauna):

Salvia leucophylla scrub, dominated by *Salvia leucophylla*, *Artemisia californica*. Associates: *Avena barbata*, *Bassia nigra*
 SW facing slope, sandy loam, 10% slope

Please fill out separate form for other rare taxa seen at this site.

Site Information Overall site/occurrence quality/viability (site + population): Excellent Good Fair Poor

Immediate AND surrounding land use: open area adjacent to Elderberry Forebay

Visible disturbances: None

Threats: None

Comments: _____

Determination: (check one or more, and fill in blanks)

Keyed (cite reference): Peirson II

Compared with specimen housed at: _____

Compared with photo / drawing in: _____

By another person (name): _____

Other: _____

Photographs: (check one or more)

	Slide	Print	Digital
Plant / animal	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Habitat	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Diagnostic feature	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

May we obtain duplicates at our expense? yes no

1st location (poly) : 2nd location (point)

Mail to:
 California Natural Diversity Database
 California Dept. of Fish & Wildlife
 1416 9th Street, Suite 1266
 Sacramento, CA 95814
 Fax: (916) 324-0475 email: CNDDDB@wildlife.ca.gov

For Office Use Only

Source Code: _____ Quad Code: _____
 Elm Code: _____ Occ No.: _____
 EO Index: _____ Map Index: _____

Date of Field Work (mm/dd/yyyy): 6/1/18

California Native Species Field Survey Form

[Clear Form](#) [Print Form](#)

Scientific Name: Calystegia peirsonii

Common Name: Peirson's morning glory

Species Found? Yes No If not found, why?

Total No. Individuals: 200 Subsequent Visit? Yes No

Is this an existing NDDDB occurrence? unknown No Unk.
Yes, Occ. #

Collection? If yes: None
Number Museum / Herbarium

Reporter: Sarah Tona
 Address: 5000 Bechelli Ln #203
Redding, CA 96002
 E-mail Address: sarah.tona@stantec.com
 Phone: 530-222-5347

Plant Information	Animal Information																										
Phenology: <table style="width: 100%; text-align: center;"> <tr> <td><u>80</u></td> <td><u>10</u></td> <td><u>10</u></td> </tr> <tr> <td>% vegetative</td> <td>% flowering</td> <td>% fruiting</td> </tr> </table>	<u>80</u>	<u>10</u>	<u>10</u>	% vegetative	% flowering	% fruiting	<table style="width: 100%; text-align: center;"> <tr> <td><u> </u></td> <td><u> </u></td> <td><u> </u></td> <td><u> </u></td> <td><u> </u></td> </tr> <tr> <td># adults</td> <td># juveniles</td> <td># larvae</td> <td># egg masses</td> <td># unknown</td> </tr> <tr> <td><input type="checkbox"/> wintering</td> <td><input type="checkbox"/> breeding</td> <td><input type="checkbox"/> nesting</td> <td><input type="checkbox"/> rookery</td> <td><input type="checkbox"/> burrow site</td> </tr> <tr> <td><input type="checkbox"/> lek</td> <td><input type="checkbox"/> other</td> <td colspan="3"></td> </tr> </table>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	# adults	# juveniles	# larvae	# egg masses	# unknown	<input type="checkbox"/> wintering	<input type="checkbox"/> breeding	<input type="checkbox"/> nesting	<input type="checkbox"/> rookery	<input type="checkbox"/> burrow site	<input type="checkbox"/> lek	<input type="checkbox"/> other			
<u>80</u>	<u>10</u>	<u>10</u>																									
% vegetative	% flowering	% fruiting																									
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>																							
# adults	# juveniles	# larvae	# egg masses	# unknown																							
<input type="checkbox"/> wintering	<input type="checkbox"/> breeding	<input type="checkbox"/> nesting	<input type="checkbox"/> rookery	<input type="checkbox"/> burrow site																							
<input type="checkbox"/> lek	<input type="checkbox"/> other																										

Location Description (please attach map AND/OR fill out your choice of coordinates, below)

County: _____ Landowner / Mgr: _____
 Quad Name: _____ Elevation: _____
 T _____ R _____ Sec _____, _____ 1/4 of _____ 1/4, Meridian: H M S Source of Coordinates (GPS, topo. map & type): _____
 T _____ R _____ Sec _____, _____ 1/4 of _____ 1/4, Meridian: H M S GPS Make & Model: _____
DATUM: NAD27 NAD83 WGS84 Horizontal Accuracy: _____ meters/feet
 Coordinate System: UTM Zone 10 UTM Zone 11 OR Geographic (Latitude & Longitude)
 Coordinates: _____

Habitat Description (plants & animals) plant communities, dominants, associates, substrates/soils, aspects/slope:

Animal Behavior (Describe observed behavior, such as territoriality, foraging, singing, calling, copulating, perching, roosting, etc., especially for avifauna):
CA buckwheat scrub, dominated by Erigeron fasciculatum, Artemisia californica.
Associates: Phacelia sp., Bromus diandrus, Erigeron fasciculatum.
South facing slope, 5% slope, sandy loam

Please fill out separate form for other rare taxa seen at this site.

Site Information Overall site/occurrence quality/viability (site + population): Excellent Good Fair Poor

Immediate AND surrounding land use: open area adjacent to Elderberry forebay
 Visible disturbances: None
 Threats: None
 Comments: _____

<p>Determination: (check one or more, and fill in blanks)</p> <input checked="" type="checkbox"/> Keyed (cite reference): <u>Jeppson II</u> <input type="checkbox"/> Compared with specimen housed at: _____ <input type="checkbox"/> Compared with photo / drawing in: _____ <input type="checkbox"/> By another person (name): _____ <input type="checkbox"/> Other: _____	<p>Photographs: (check one or more)</p> <table style="width: 100%; text-align: center;"> <tr> <td></td> <td>Slide</td> <td>Print</td> <td>Digital</td> </tr> <tr> <td>Plant / animal</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> </tr> <tr> <td>Habitat</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> </tr> <tr> <td>Diagnostic feature</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> </tr> </table> <p>May we obtain duplicates at our expense? <input checked="" type="radio"/> yes <input type="radio"/> no</p>		Slide	Print	Digital	Plant / animal	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Habitat	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Diagnostic feature	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Slide	Print	Digital														
Plant / animal	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>														
Habitat	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>														
Diagnostic feature	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>														