APPENDIX 8.2C

# CNDDB California Native Species Field Survey Forms

Mail to:
*California Natural Diversity Database*
*Department of Fish and Game*
*1807 13th Street, Suite 202*
*Sacramento, CA 95814*
*Fax: (916) 324-0475 email: CNDDB@dfg.ca.gov*

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

**Date of Field Work** *mm/dd/yyyy:* 04/28/2006

Reset

# California Native Species Field Survey Form

Send Form

**Scientific Name:** *Rana aurora aurora*

**Common Name:** Northern red-legged frog

**Species Found?** ☑ Yes ☐ No _____ If not, why?

Total No. Individuals 7 Subsequent Visit? ☑ yes ☐ no
**Is this an existing NDDB occurrence?** _____ Yes, Occ. # ☑ no ☐ unk.

Collection? If yes: _____ Number _____ Museum / Herbarium

**Reporter:** Richard Crowe
**Address:** 7407 West 4th Street
Rio Linda, California
**E-mail Address:** rcrowe@ch2m.com
**Phone:** (916) 296-5525

***Plant Information***

Phenology: ____ % vegetative ____ % flowering ____ % fruiting

***Animal Information***

| # adults | # juveniles | # larvae | # egg masses | # unknown |
|---|---|---|---|---|
| 6 | 1 | | | |

| breeding | wintering | burrow site | rookery | nesting | other |
|---|---|---|---|---|---|
| ☑ | ☑ | ☐ | ☐ | ☐ | ☐ |

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

County: Humboldt County Landowner / Mgr.: Private (PG&E)
Quad Name: Fields Landing Elevation: 5'
T 4N R 1W Sec 8 , ____ ¼ of ____ ¼, Meridian: H☐ M☐ S☐ Source of Coordinates (GPS, topo. map & type): topo map and
T____ R __ Sec ____ , ____ ¼ of ____ ¼, Meridian: H☐ M☐ S☐ GPS Make & Model Trimble Geo Explorer
Datum: NAD27☐ NAD83☑ WGS84 ☐ Horizontal Accuracy sub meter accuracy meters/feet
Coordinate System: UTM Zone 10 ☑ UTM Zone 11 ☐ *OR* Geographic (Latitude & Longitude) ☐
Coordinates: Easting/Longitude 398010E Northing/Latitude 4510787N

***Habitat Description*** *(plant communities, dominants, associates, substrates/soils, aspects/slope):*

Northern red-legged frogs were observed throughout area in drainage ditches and landscaped areas. The majority of the site is covered in asphalt with the remainder made up of; Sweet vernal grass (Anthoxanthum odoratum) , Italian ryegrass (Lolium perenne), bird's foot trefoil (Lotus corniculatus), and Bristly ox tongue (Picris echiodes), along with low growing annuals such as bur clover (Medicago polymorpha), annual bluegrass (Poa annua), English daisy (Bellis perennis),cut-leaf geranium (Geranium dissectum) are also present.

Other rare taxa seen at THIS site on THIS date:

***Site Information*** Overall site quality: ☐ Excellent ☐ Good ☑ Fair ☐ Poor

Current / surrounding land use: Area is currently an electric power generating facility with Northern red-legged frogs observed within landscaped areas as well as drainage ditches and canals.

Visible disturbances: Landscape maintenance

Threats: Area planned for installation of new electric power generating facility with existing facilities to be decommissioned and phased out. Observed one dead Northern red-legged frog presumed to be run over by lawn mower.

Comments:

***Determination:*** *(check one or more, and fill in blanks)*
- ☐ Keyed (cite reference): _____
- ☐ Compared with specimen housed at: _____
- ☑ Compared with photo / drawing in: Peterson Guide to Reptiles and Amphibians
- ☐ 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

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- 1:24K/25K Topo Maps
- 1:100K Topo Maps
- 1:250K Topo Maps
- Automatic selection

**Map Size**
- Small
- Medium
- Large

**View Scale**
1 : 50,000

**Coordinate Format**
UTM

**Map Datum**
NAD83/WGS84

Show target
Email this topo map
Bookmark this topo map
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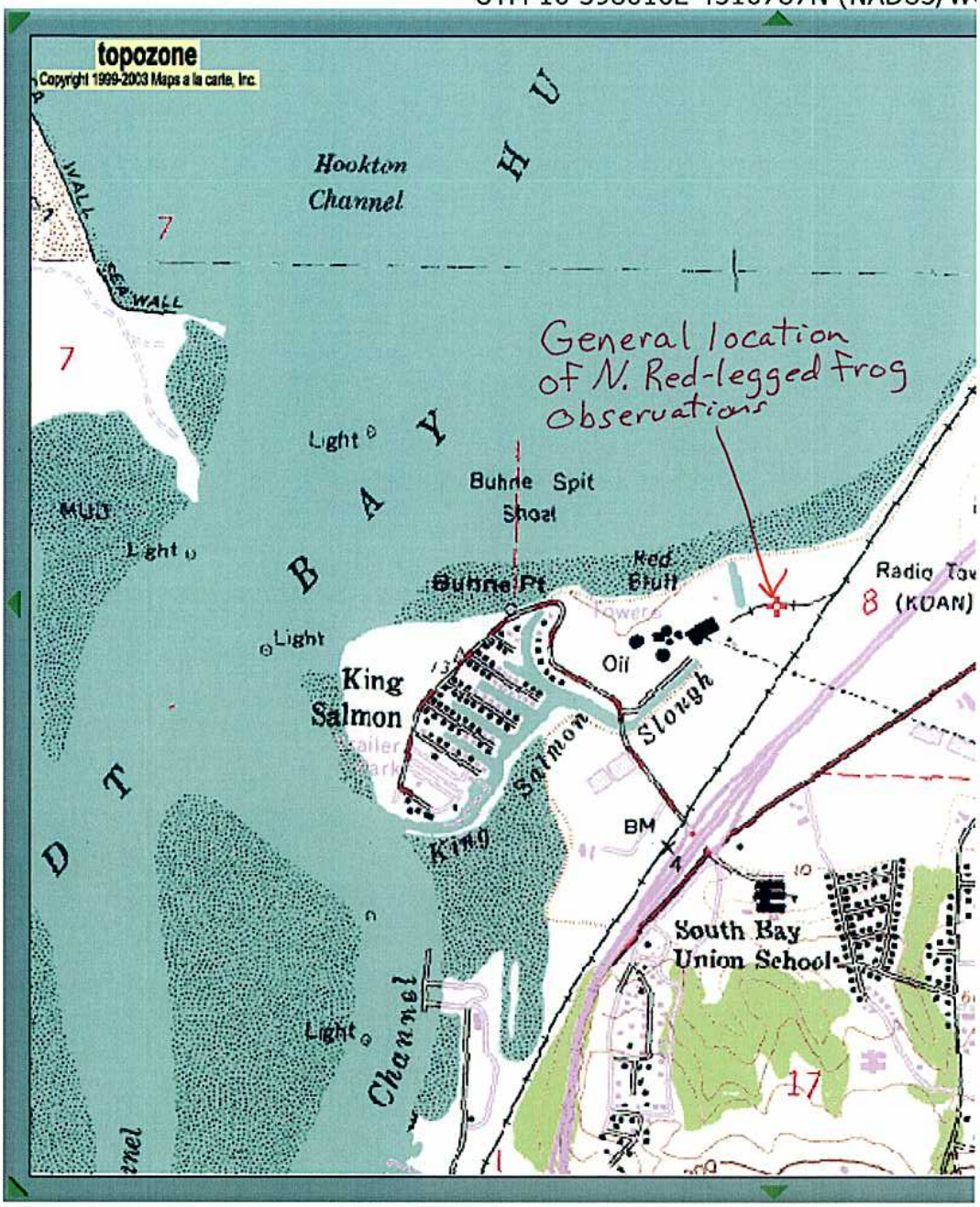
myTopo.com
GET A CUSTOM MAP PRINT

**Red Bluff, USGS FIELDS LANDING (CA)**
View *TopoZone Pro* topographic maps, aerial photos, street maps,
UTM 10 398010E 4510787N (NAD83/W




0 0.7 1.4 2.1
0 0.4 0.8 1.2

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

Date of Field Work: 6 - 22 - 2006

Reset

# California Native Species Field Survey Form

Send Form

**Scientific Name:** *Cordylanthus maritimus palustris*

**Common Name:** Point Reyes bird's beak

**Species Found?** ☑ Yes ☐ No _____ If not, why?

Total No. Individuals 250/350 Subsequent Visit? ☐ yes ☑ no
Is this an existing NDDB occurrence? 15 Yes, Occ. # ☐ no ☐ unk.

Collection? If yes: _____ Number _____ Museum / Herbarium

**Reporter:** Virginia Dains
**Address:** 3371 Ayres Holmes Road
Auburn, CA 95602
**E-mail Address:** geobot@jps.net
**Phone:** (530) 888-9180

**Plant Information**

Phenology: 60 % vegetative, 40 % flowering, ____ % fruiting

**Animal Information**

# adults ____ # juveniles ____ # larvae ____ # egg masses ____ # unknown ____

☐ breeding ☐ wintering ☐ burrow site ☐ rookery ☐ nesting ☐ other

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

North east of the community of King Salmon, south of King Salmon Avenue, just west of the bridge over Buhne Slough in a small patch of salt marsh vegetation attached to the King Salmon canal

County: Humboldt Landowner / Mgr.: P.G.&E.

Quad Name: Fields Landing USGS 7 1/2 Elevation: 0-3 feet

T 4N R 1W Sec 8, sw ¼ of sw ¼, Meridian: H☑ M☐ S☐ Source of Coordinates (GPS, topo. map & type): USGS 7 1/2

T____ R ____ Sec ____, ____ ¼ of ____ ¼, 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: Easting/Longitude _____ Northing/Latitude _____

**Habitat Description** *(plant communities, dominants, associates, substrates/soils, aspects/slope):*

birdsbeak is found a the upper border of the marsh in a zone dominated by salt grass. pickleweed is below and Deschampsia ccaspitosa, thickspike cordgrass, and Atriplex triangularis is above. Population is limited to a 100 m sq area and occupies approx most of the available saltgrass habitat.

Other rare species? Castilleja ambigua humboldtiensis

**Site Information** Overall site quality: ☐ Excellent ☐ Good ☑ Fair ☐ Poor

Current / surrounding land use: the site is adjacent and open to a public road and provides fishing access to the slough

Visible disturbances: recreational access for fishing has pedestrian trails though the marsh, also floating debris plastic bottles, foam, driftwood lodge in the high marsh during tides and displace plants

Threats: site is adjacent to potential construction area, increased foot traffic and debris could alter habitat or crush plants, thickspike cordgrass infestation should be monitored

Comments: Protective measures are proposed that will protect the population during construction.

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

☑ Keyed (cite reference): jepson
☐ Compared with specimen housed at: _____
☑ Compared with photo / drawing in: cal flora
☐ By another person (name): _____
☑ Other: known location for plant

**Photographs:** *(check one or more)*

| | Slide | Print | Digital |
|---|---|---|---|
| Plant / animal | ☐ | ☐ | ☑ |
| Habitat | ☐ | ☐ | ☑ |
| Diagnostic feature | ☐ | ☐ | ☐ |

May we obtain duplicates at our expense? ☑ yes ☐ no

Mail to:
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Fax: (916) 324-0475 email: WHDAB@dfg.ca.gov

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Elm Code _____ Occ. No. _____
EO Index No. _____ Map Index No. _____

**Date of Field Work:** 4 - 26 - 2006

Reset

# California Native Species Field Survey Form

Send Form

**Scientific Name:** *Castilleja ambigua ssp humboltiensis*

**Common Name:** Humboltd Bay owl's clover

**Species Found?** ☑ Yes ☐ No _____ If not, why?

Total No. Individuals ~200 Subsequent Visit? ☐ yes ☑ no

**Is this an existing NDDB occurrence?** _____ Yes, Occ. # ☑ no ☐ unk.

Collection? If yes: _____ Number _____ Museum / Herbarium

**Reporter:** Virginia Dains
**Address:** 3371 Ayres Holmes Road
Auburn, CA 95602
**E-mail Address:** geobot@jps.net
**Phone:** (530) 888-9180

**Plant Information**

Phenology: 80 % vegetative, 20 % flowering, ____ % fruiting

**Animal Information**

# adults ____ # juveniles ____ # larvae ____ # egg masses ____ # unknown ____

☐ breeding ☐ wintering ☐ burrow site ☐ rookery ☐ nesting ☐ other

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

North east of the community of King Salmon, south of King Salmon Avenue, just west of the bridge over Buhne Slough in a small patch of salt marsh vegetation attached to the King Salmon canal

County: Humboldt Landowner / Mgr.: P.G.&E.

Quad Name: Fields Landing USGS 7 1/2 Elevation: 0-3 feet

T 4N R 1W Sec 8 , sw ¼ of sw ¼, Meridian: H☑ M☐ S☐ Source of Coordinates (GPS, topo. map & type): USGS 7 1/2

T ____ R ____ Sec ____ ¼ of ____ ¼, 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: Easting/Longitude _____ Northing/Latitude _____

**Habitat Description** *(plant communities, dominants, associates, substrates/soils, aspects/slope)*

Owls-clover is found a the upper border of the marsh in a zone dominated by salt grass, pickleweed is below and Deschampsia ceaspitosa, thickspike cordgrass, and Atriplex triangularis is above. Population is limited to a 100 m sq area and occupies approx 1/4 of the available saltgrass habitat.

Other rare species? Cordylanthus maritimus palustris co# 15

**Site Information** Overall site quality: ☐ Excellent ☐ Good ☑ Fair ☐ Poor

Current / surrounding land use: the site is adjacent and open to a public road and provides fishing access to the slough

Visible disturbances: recreational access for fishing has pedestrian trails though the marsh, also floating debris plastic bottles, foam, driftwood lodge in the high marsh during tides and displace plants

Threats: site is adjacent to potential construction area, increased foot traffic and debris could alter habitat or crush plants, thickspike cordgrass infestation should be monitored

Comments: Protective measures are proposed that will protect the population during construction.

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

☑ Keyed (site reference): jepson
☐ Compared with specimen housed at: _____
☑ Compared with photo / drawing in: cal flora
☐ 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