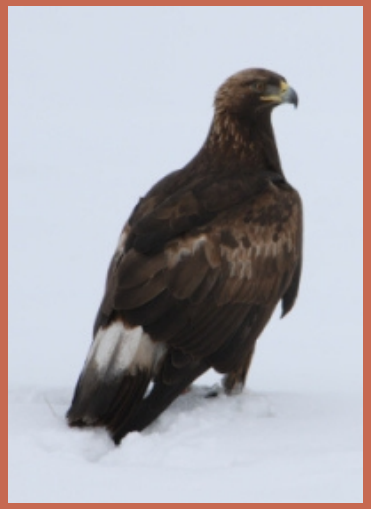
CALIFORNIA & NEVADA GOLDEN EAGLE OBSERVATION DATABASE

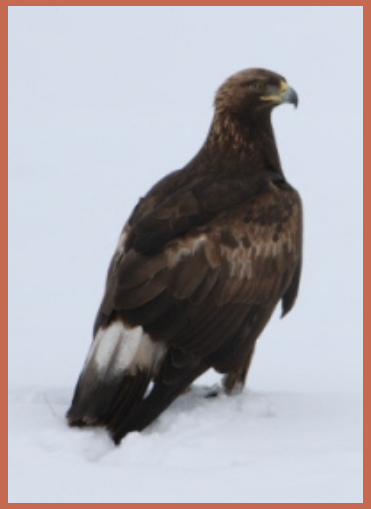


Steve Schoenig

Branch Chief

Biogeographic Data Branch
California Department of Fish and Wildlife
1807 13th Street, Suite 202
Sacramento, CA 95811

NEVADA & CALIFORNIA GOLDEN EAGLE OBSERVATION DATABASE



Steve Schoenig

Branch Chief

Biogeographic Data Branch
California Department of Fish and Wildlife
1807 13th Street, Suite 202
Sacramento, CA 95811

ORIGIN

- **California and Nevada Golden Eagle Working Group**
- Data Management Subgroup
- Database on the Cheap*

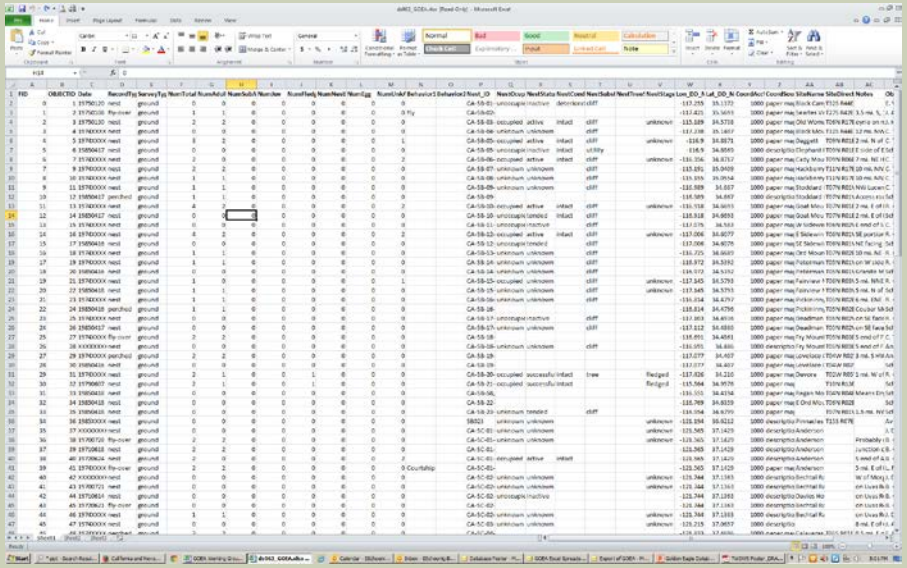
* USFWS has recently committed significant resources to expedite data acquisition, entry and formatting.

OBJECTIVE

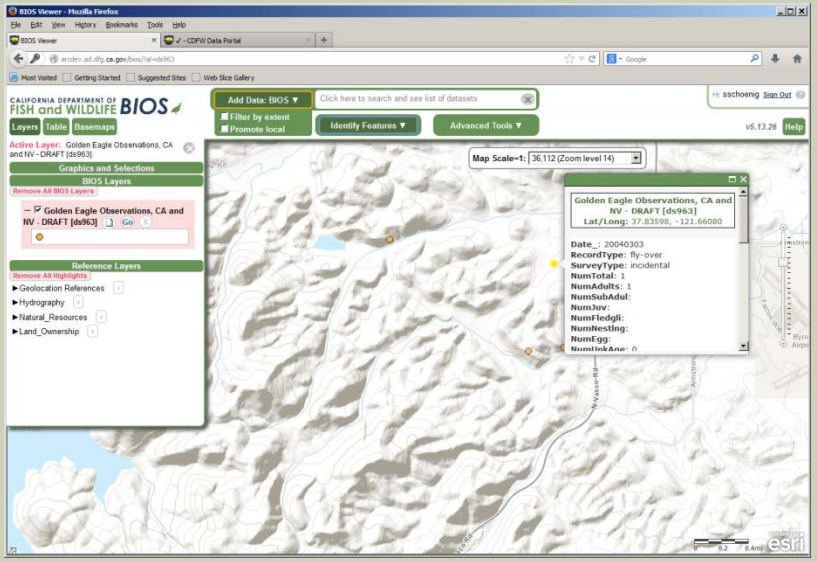
- Provides centralized location for the submission of golden eagle observations and nest locations by biologists, managers, and researchers.
- The actual uses of the database will be tracked over time and the focus and structure of the database may adjust accordingly.

DATABASE OVERVIEW

Primary Database is a Strictly Formatted Excel Spreadsheet



Database is Available through CDFW's BIOS Dataviewer or Spreadsheet Request



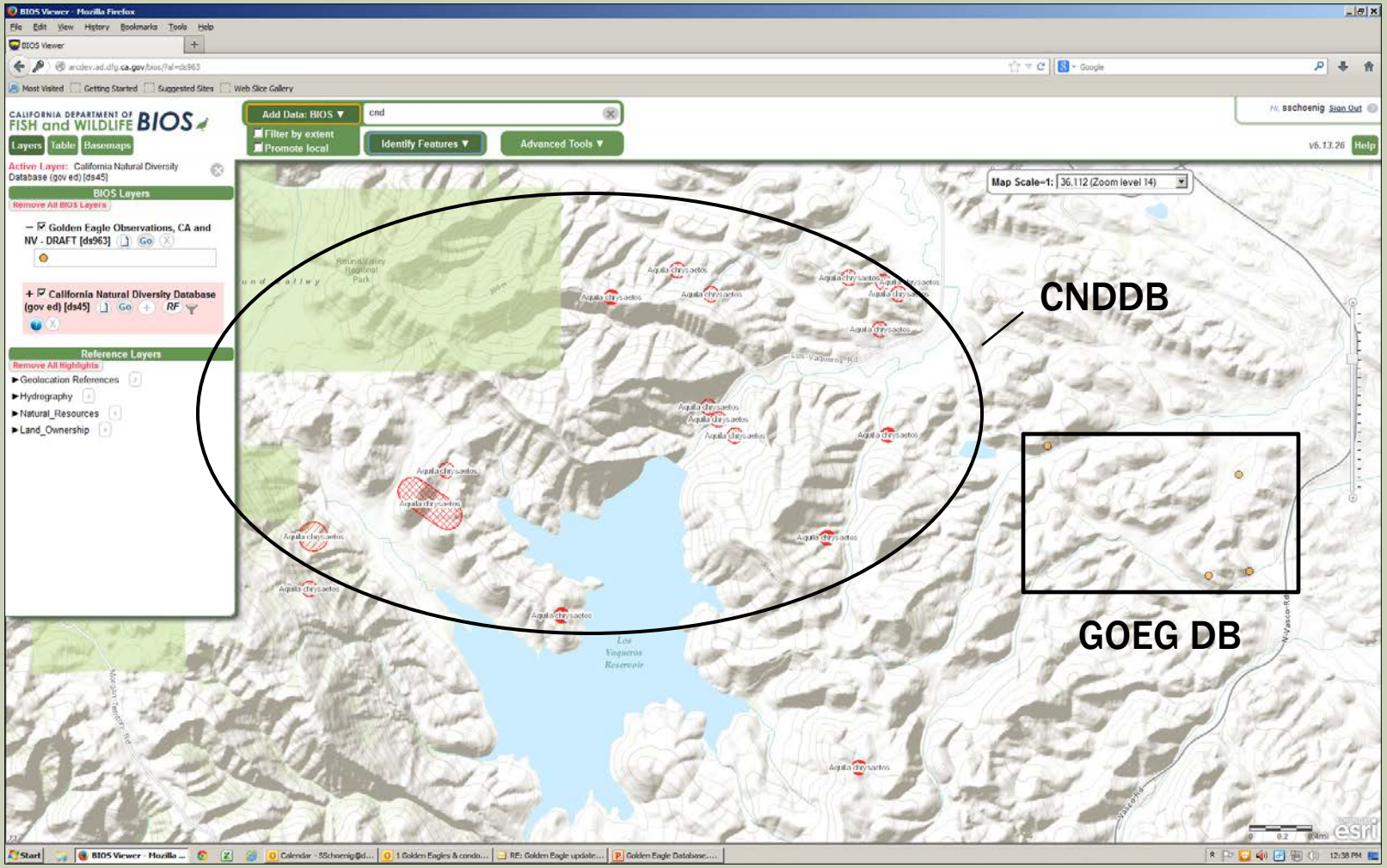
REQUIRED AND RECOMMENDED FIELDS

Definitions and recommended values for GEWG database

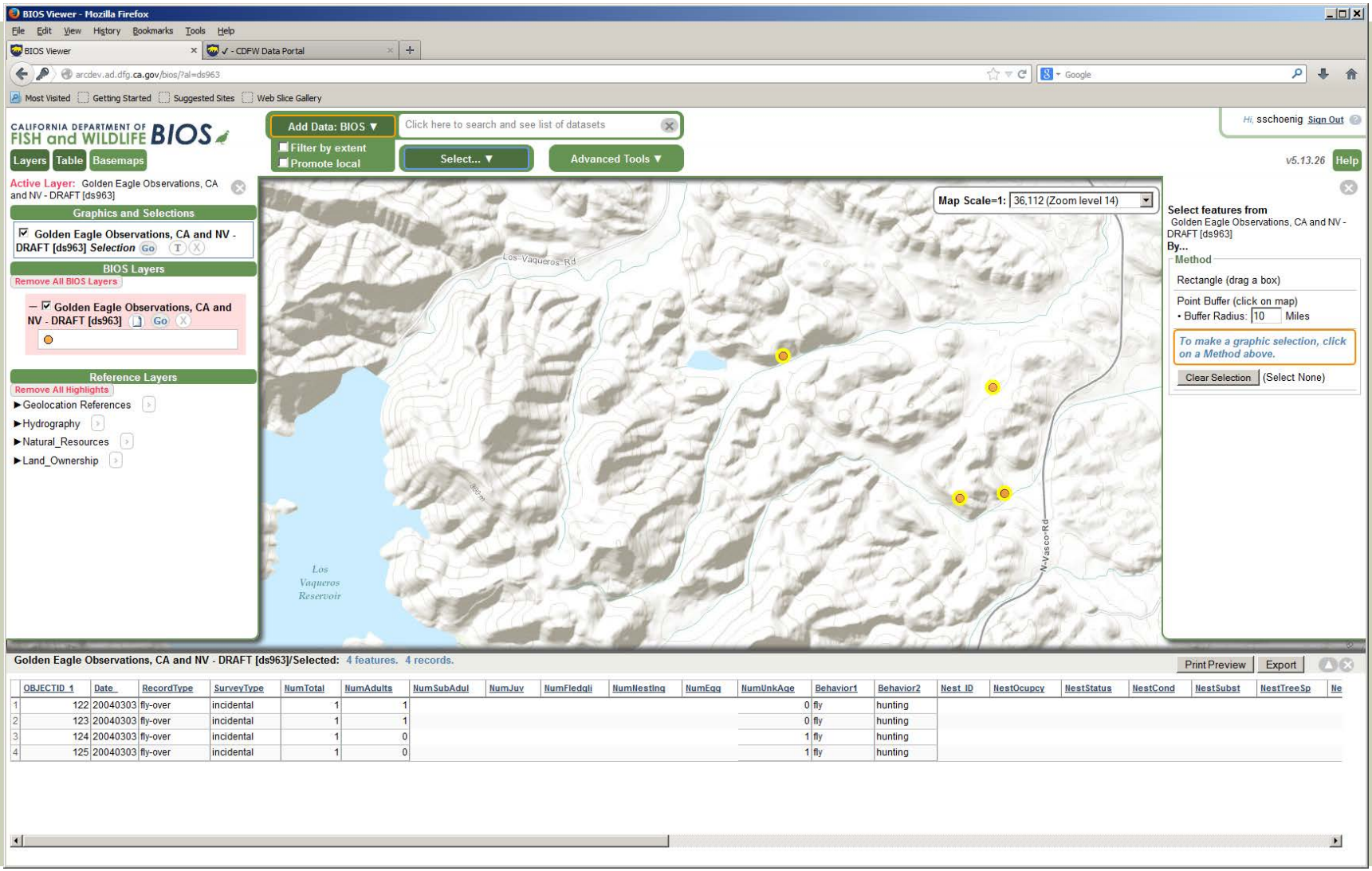
Red = required fields. Either NumTotal or Nest_ID is required.

Field attribute	Standard values	Definition/description
Date		Date of detection; year and month is required at a minimum. Format is YYYYMMDD. Use "XX" for unknown day (YYYYMMXX).
RecordType		General description of what the GOEA record represents. (Nest, Fly-over, Perched).
	nest	The record represents a golden eagle nest site
	fly-over	The record represents a golden eagle that was primarily observed flying
	perched	The record represents a golden eagle that was primarily observed perched
SurveyType		The survey method used to detect the golden eagle(s) or nest. (aerial, ground, incidental).
	aerial	survey conducted by aircraft, helicopter or fixed wing
	ground	survey conducted from traversing the ground
	incidental	An incidental, non-systematic detection of a golden eagle
NumTotal		Total number of golden eagles detected at represented point.
NumAdult		Number of adults detected. An adult is an individual eagle capable of breeding, generally about 4-5 years of age; generally after fourth year or after fifth year (definitive basic plumage)(See Bloom & Clark 2001, Driscoll 2010).

GOLDEN EAGLE OBSERVATIONS [DS963] CNDDB [DS45]



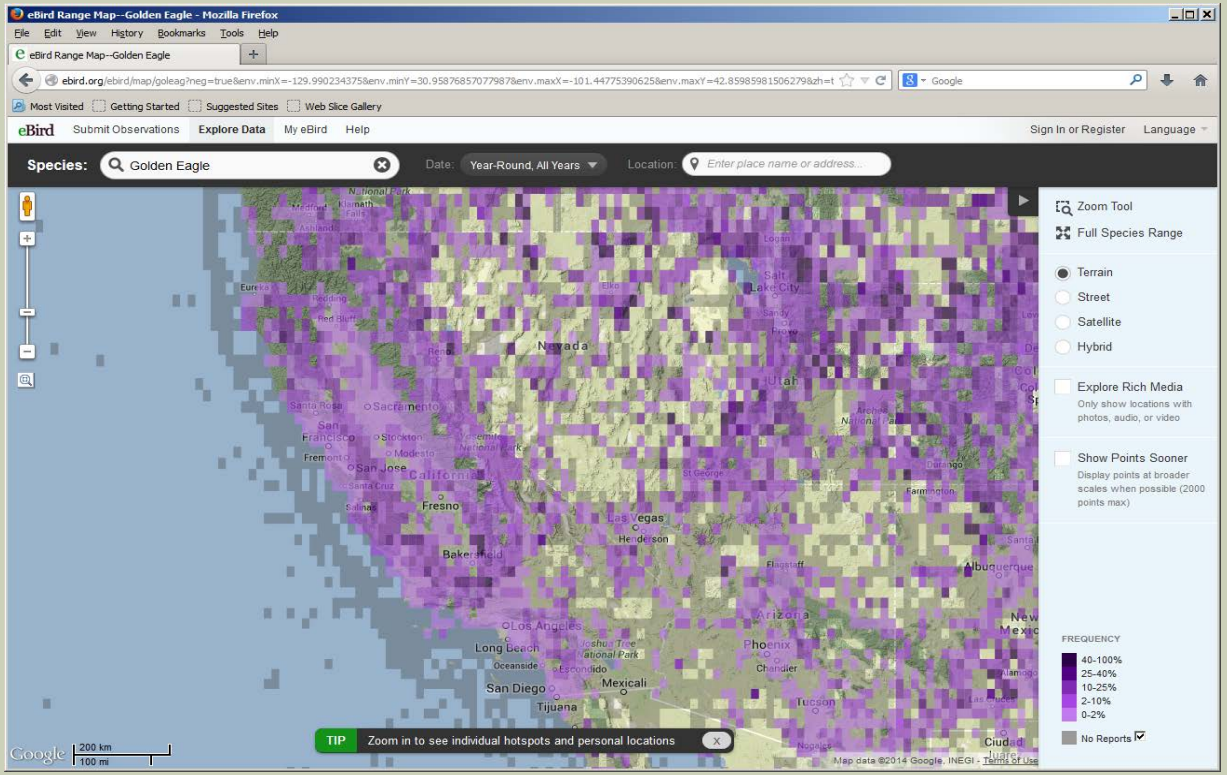
GOLDEN EAGLE OBSERVATIONS [DS963]



	OBJECTID_1	Date_	RecordType	SurveyType	NumTotal	NumAdults	NumSubAdul	NumJuv	NumFledgli	NumNestInq	NumEgg	NumUnkAge	Behavior1	Behavior2	Nest_ID	NestOcupcy	NestStatus	NestCond	NestSubst	NestTreeSp	Ne
1	122	20040303	fly-over	incidental	1	1						0	fly	hunting							
2	123	20040303	fly-over	incidental	1	1						0	fly	hunting							
3	124	20040303	fly-over	incidental	1	0						1	fly	hunting							
4	125	20040303	fly-over	incidental	1	0						1	fly	hunting							

GOLDEN EAGLE - BOOKMARK

- Interagency Data Base Observations
- CNDDB mapped localities
- EBIRD ??
- Range Map
- Other?



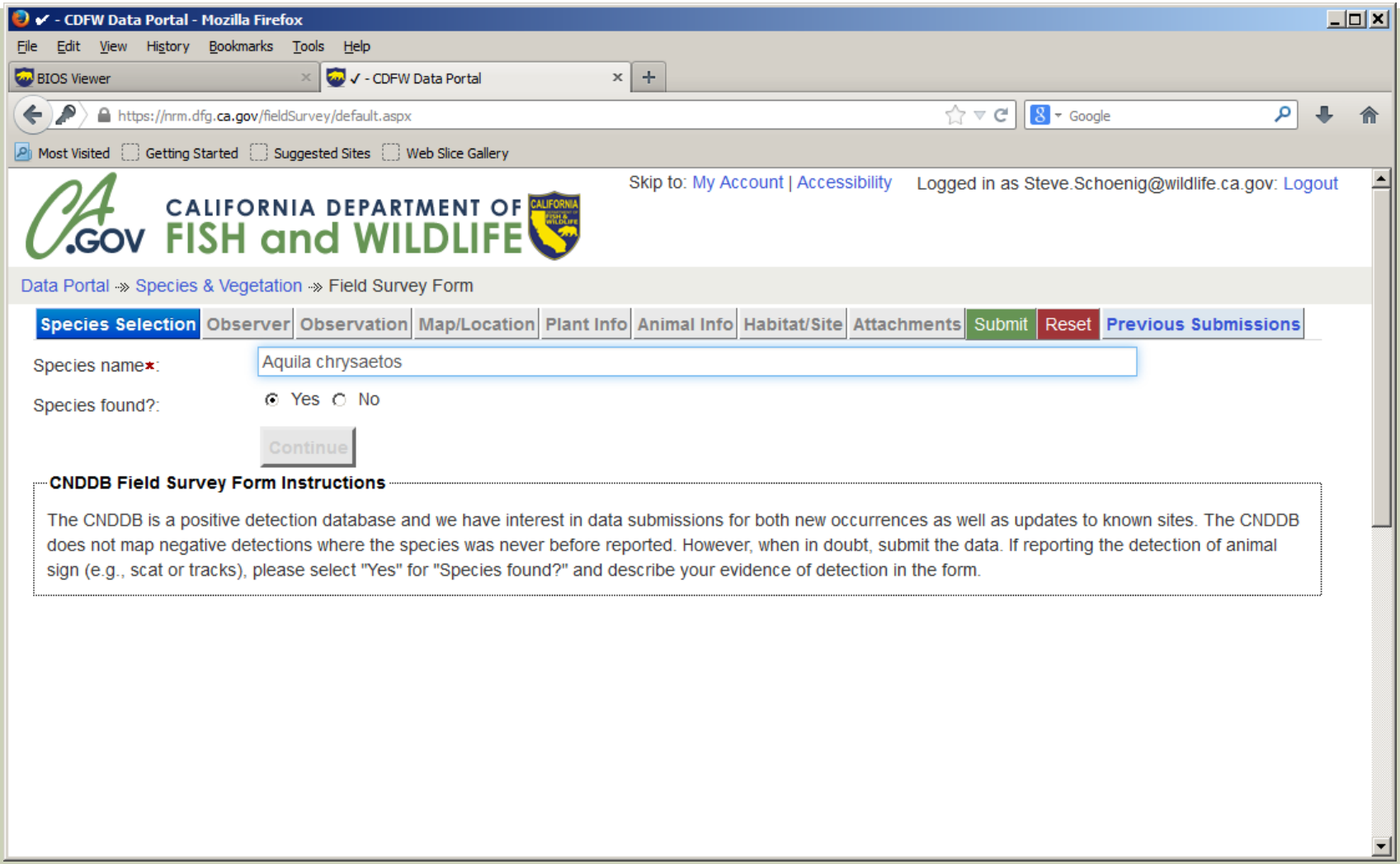
BULK DATA SUBMISSION

MUST adhere to STRICT data submission protocol

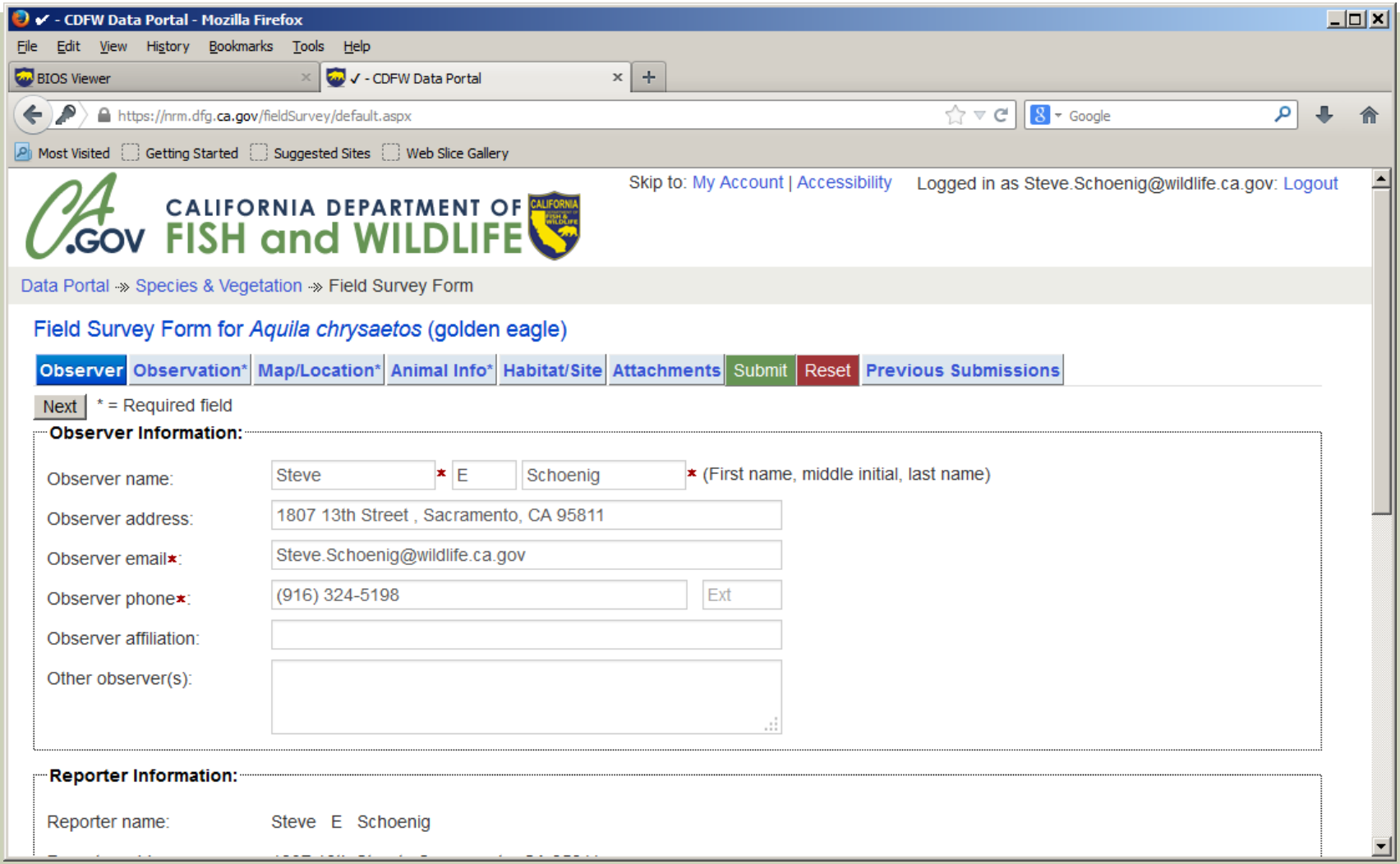
Submitter is responsible for ALL QA/QC

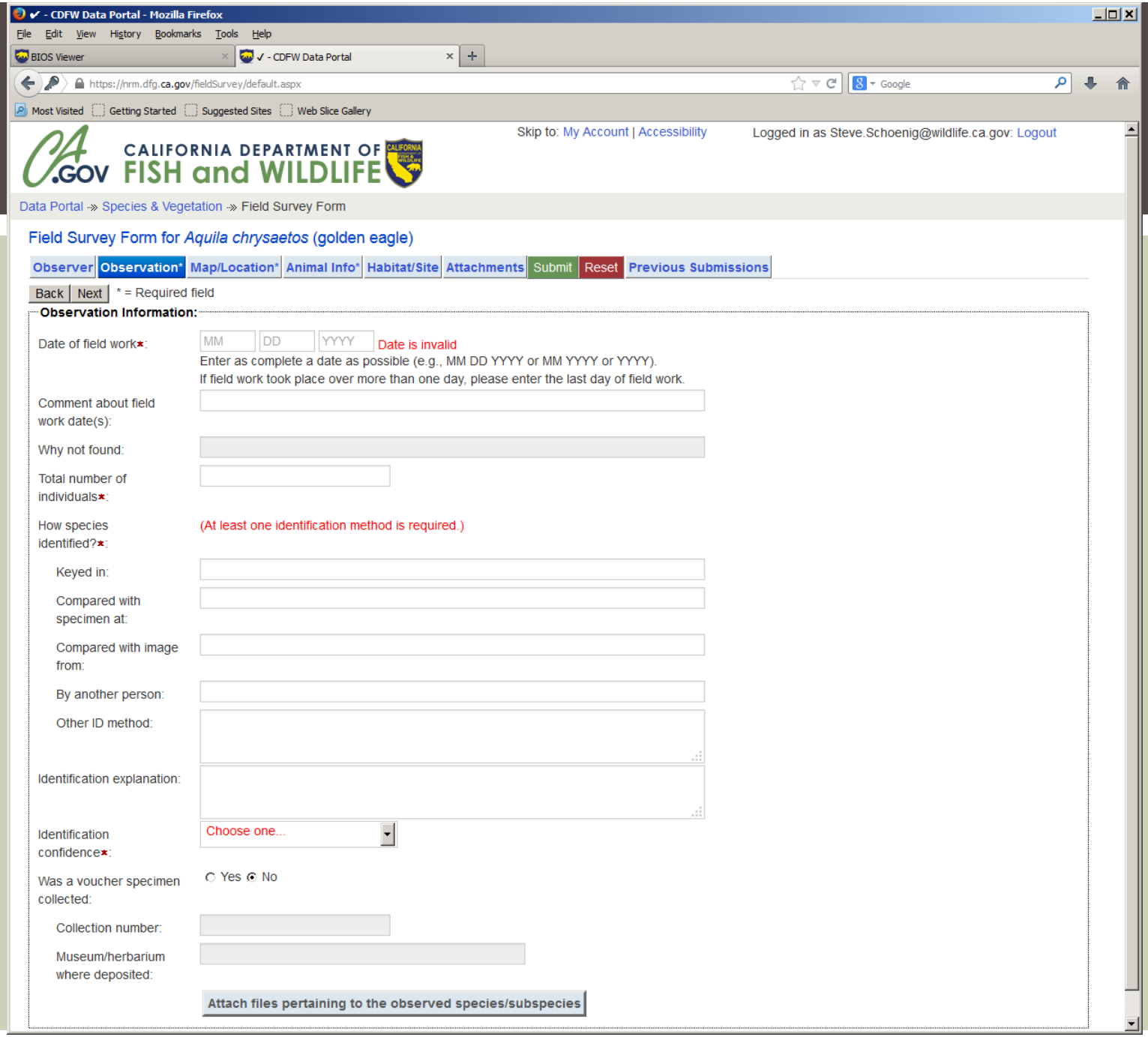
owlobs@wildlife.ca.gov

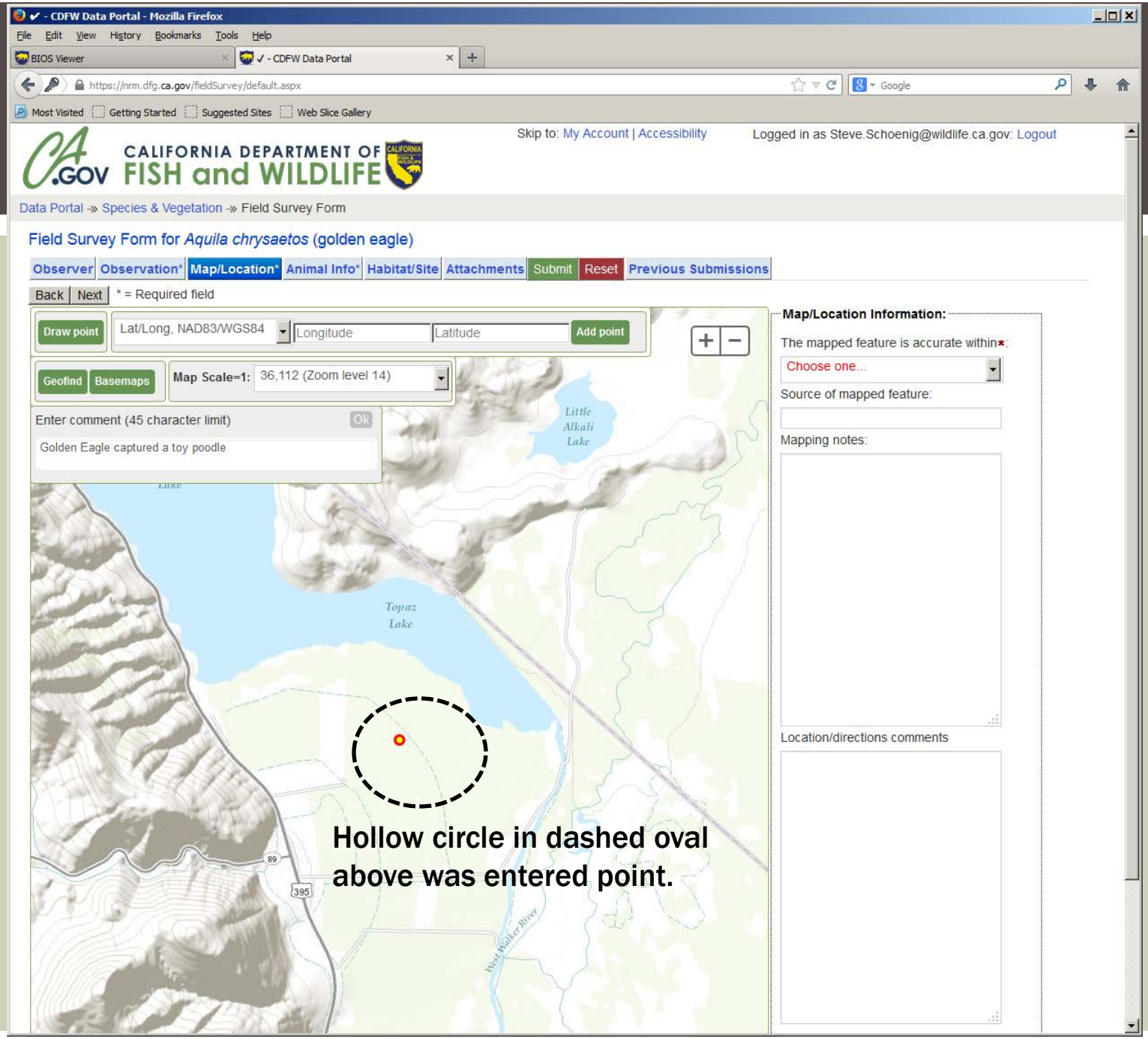
ONLINE DATA SUBMISSION

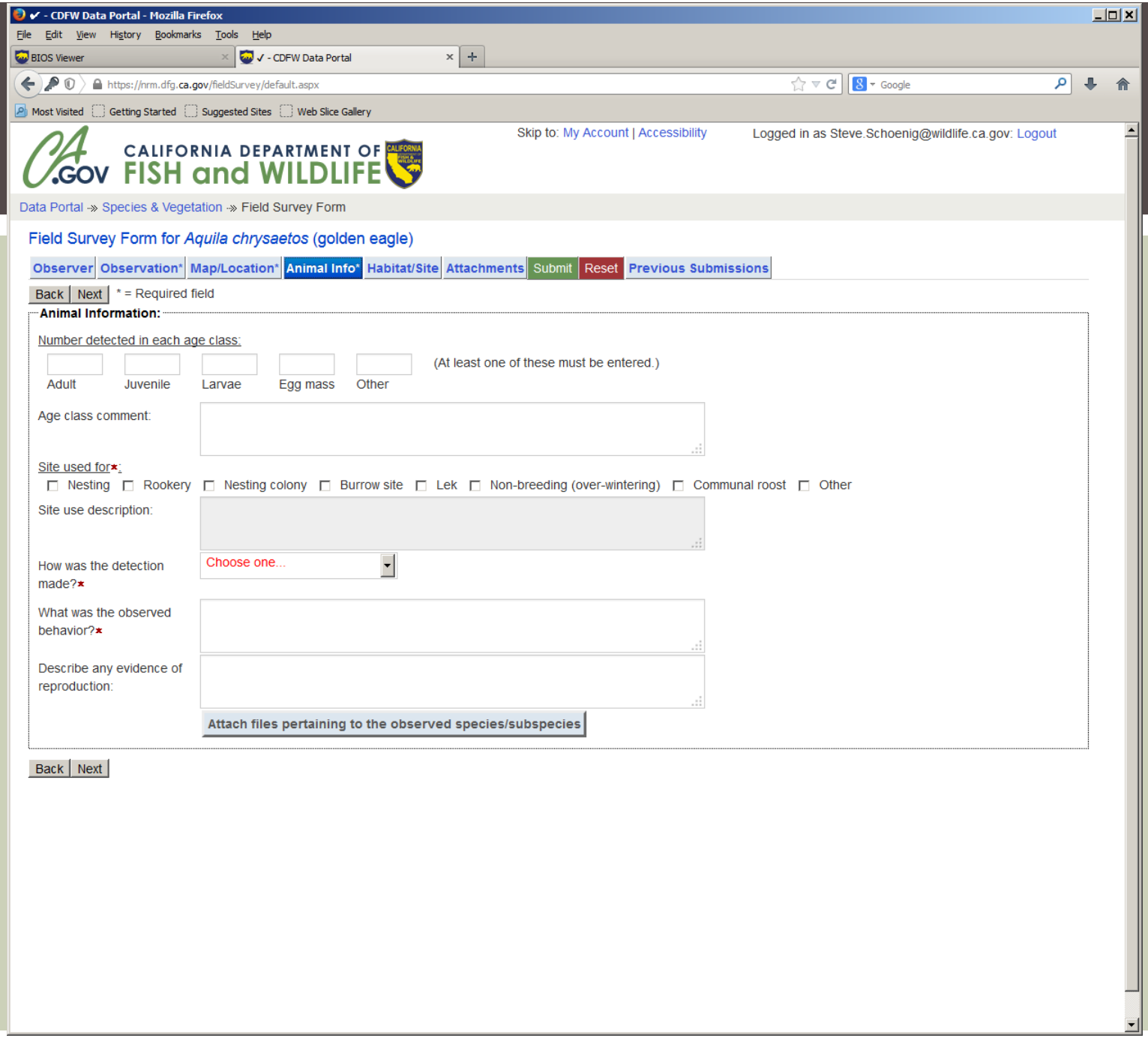


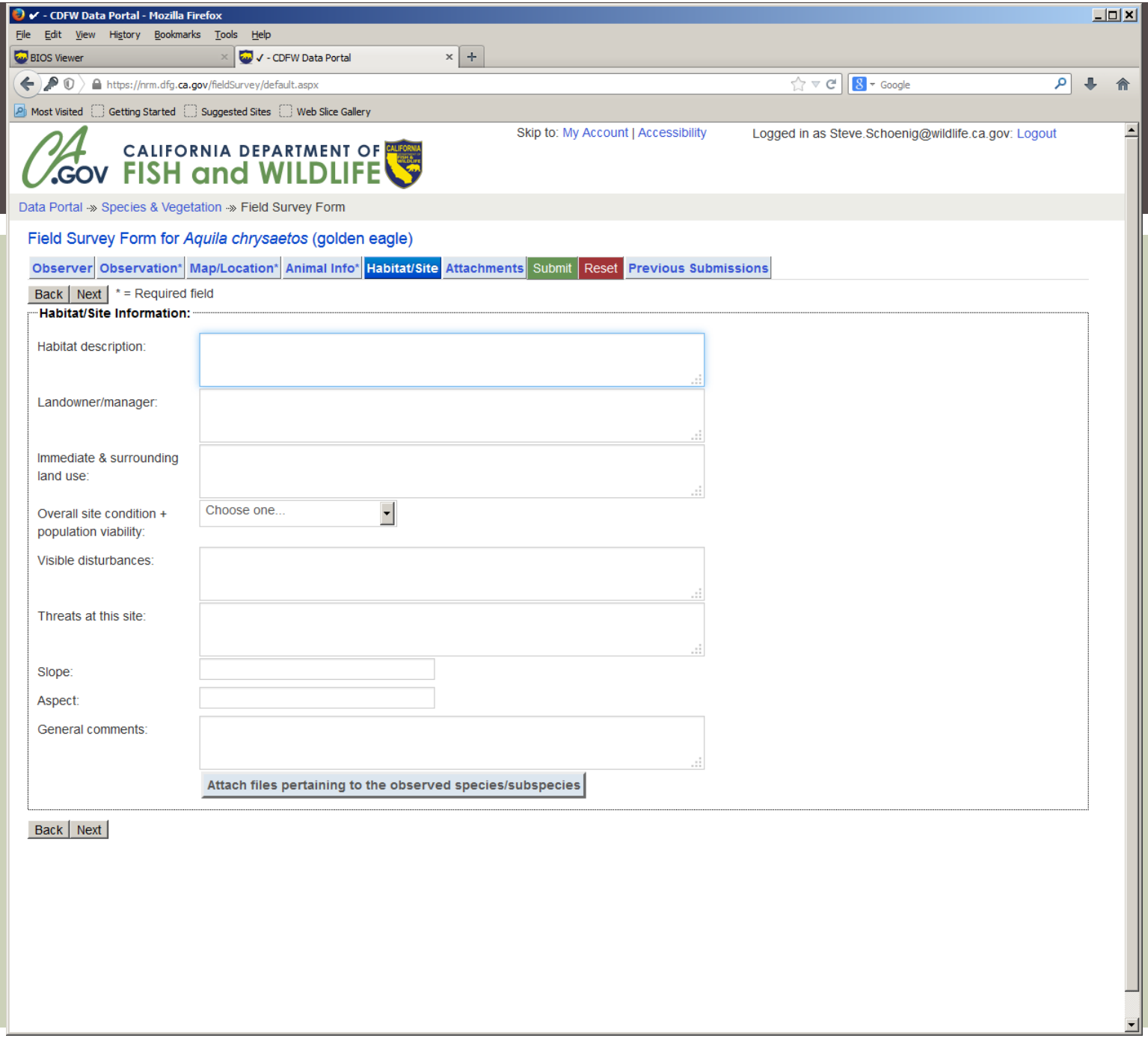
ONLINE DATA SUBMISSION

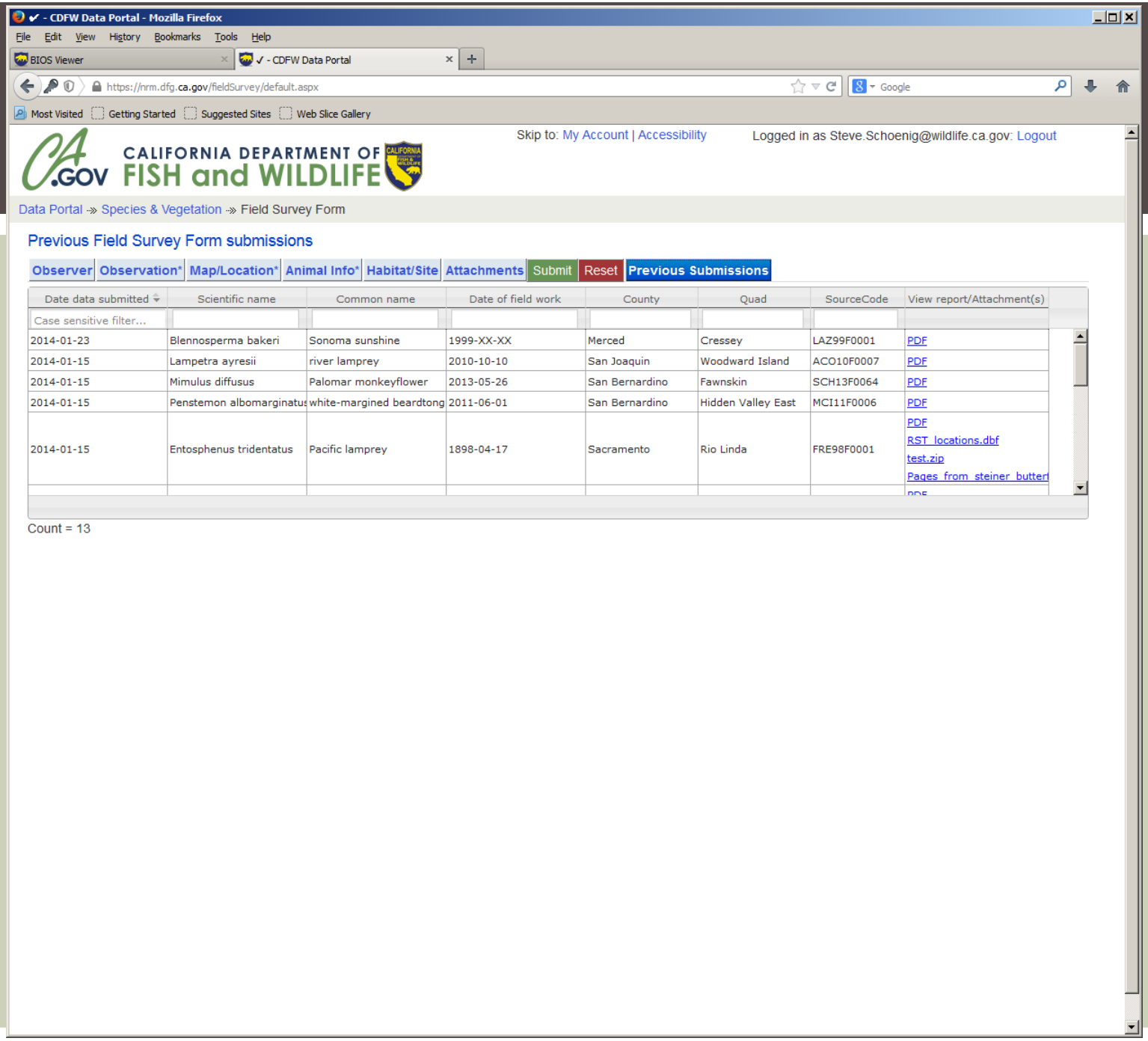



✔ - CDFW Data Portal - Mozilla Firefox
File Edit View History Bookmarks Tools Help
BIOS Viewer
✓ - CDFW Data Portal
https://nrm.dfg.ca.gov/fieldSurvey/default.aspx
Most Visited Getting Started Suggested Sites Web Slice Gallery
Skip to: My Account | Accessibility
Logged in as Steve.Schoenig@wildlife.ca.gov: Logout
CA.GOV CALIFORNIA DEPARTMENT OF FISH and WILDLIFE
Data Portal » Species & Vegetation » Field Survey Form
Field Survey Form for Aquila chrysaetos (golden eagle)
Observer Observation* Map/Location* Animal Info* Habitat/Site Attachments Submit Reset Previous Submissions
Back Next * = Required field
Observation Information:
Date of field work*: MM DD YYYY Date is invalid
Enter as complete a date as possible (e.g., MM DD YYYY or MM YYYY or YYYY).
If field work took place over more than one day, please enter the last day of field work.
Comment about field work date(s):
Why not found:
Total number of individuals*:
How species identified?*: (At least one identification method is required.)
Keyed in:
Compared with specimen at:
Compared with image from:
By another person:
Other ID method:
Identification explanation:
Identification confidence*: Choose one...
Was a voucher specimen collected: Yes No
Collection number:
Museum/herbarium where deposited:
Attach files pertaining to the observed species/subspecies


✔ - CDFW Data Portal - Mozilla Firefox
File Edit View History Bookmarks Tools Help
BIOS Viewer
✓ - CDFW Data Portal
https://nrm.dfg.ca.gov/fieldSurvey/default.aspx
Most Visited Getting Started Suggested Sites Web Slice Gallery
Skip to: My Account | Accessibility
Logged in as Steve.Schoenig@wildlife.ca.gov: Logout
CA.GOV CALIFORNIA DEPARTMENT OF FISH and WILDLIFE
Data Portal » Species & Vegetation » Field Survey Form
Field Survey Form for Aquila chrysaetos (golden eagle)
Observer Observation* Map/Location* Animal Info* Habitat/Site Attachments Submit Reset Previous Submissions
Back Next * = Required field
Draw point
Lat/Long, NAD83/WGS84
Longitude
Latitude
Add point
Geofind Basemaps
Map Scale=1: 36,112 (Zoom level 14)
Enter comment (45 character limit)
Ok
Golden Eagle captured a toy poodle
Little Alkali Lake
Topaz Lake
West Walker River
89
395
Hollow circle in dashed oval above was entered point.
Map/Location Information:
The mapped feature is accurate within*:
Choose one...
Source of mapped feature:
Mapping notes:
Location/directions comments


✔ - CDFW Data Portal - Mozilla Firefox
File Edit View History Bookmarks Tools Help
BIOS Viewer
✓ - CDFW Data Portal
https://nrm.dfg.ca.gov/fieldSurvey/default.aspx
Most Visited Getting Started Suggested Sites Web Slice Gallery
Skip to: My Account | Accessibility
Logged in as Steve.Schoenig@wildlife.ca.gov: Logout
CA.GOV CALIFORNIA DEPARTMENT OF FISH and WILDLIFE
Data Portal » Species & Vegetation » Field Survey Form
Field Survey Form for Aquila chrysaetos (golden eagle)
Observer Observation* Map/Location* Animal Info* Habitat/Site Attachments Submit Reset Previous Submissions
Back Next * = Required field
Animal Information:
Number detected in each age class:
Adult Juvenile Larvae Egg mass Other
(At least one of these must be entered.)
Age class comment:
Site used for*:
Nesting Rookery Nesting colony Burrow site Lek Non-breeding (over-wintering) Communal roost Other
Site use description:
How was the detection made?*
Choose one...
What was the observed behavior?*
Describe any evidence of reproduction:
Attach files pertaining to the observed species/subspecies
Back Next


✔ - CDFW Data Portal - Mozilla Firefox
File Edit View History Bookmarks Tools Help
BIOS Viewer
✓ - CDFW Data Portal
https://nrm.dfg.ca.gov/fieldSurvey/default.aspx
Google
Most Visited Getting Started Suggested Sites Web Slice Gallery
Skip to: My Account | Accessibility
Logged in as Steve.Schoenig@wildlife.ca.gov: Logout
CA.GOV CALIFORNIA DEPARTMENT OF FISH and WILDLIFE
Data Portal » Species & Vegetation » Field Survey Form
Field Survey Form for Aquila chrysaetos (golden eagle)
Observer Observation* Map/Location* Animal Info* Habitat/Site Attachments Submit Reset Previous Submissions
Back Next * = Required field
Habitat/Site Information:
Habitat description:
Landowner/manager:
Immediate & surrounding land use:
Overall site condition + population viability:
Choose one...
Visible disturbances:
Threats at this site:
Slope:
Aspect:
General comments:
Attach files pertaining to the observed species/subspecies
Back Next


✔ - CDFW Data Portal - Mozilla Firefox
File Edit View History Bookmarks Tools Help
BIOS Viewer
✔ - CDFW Data Portal
https://nrm.dfg.ca.gov/fieldSurvey/default.aspx
Google
Most Visited Getting Started Suggested Sites Web Slice Gallery
Skip to: My Account | Accessibility
Logged in as Steve.Schoenig@wildlife.ca.gov: Logout
CA.GOV CALIFORNIA DEPARTMENT OF FISH and WILDLIFE
Data Portal » Species & Vegetation » Field Survey Form
Previous Field Survey Form submissions
Observer Observation* Map/Location* Animal Info* Habitat/Site Attachments Submit Reset Previous Submissions
Date data submitted
Scientific name
Common name
Date of field work
County
Quad
SourceCode
View report/Attachment(s)
Case sensitive filter...
2014-01-23 Blennosperma bakeri Sonoma sunshine 1999-XX-XX Merced Cressey LAZ99F0001 PDF
2014-01-15 Lampetra ayresii river lamprey 2010-10-10 San Joaquin Woodward Island ACO10F0007 PDF
2014-01-15 Mimulus diffusus Palomar monkeyflower 2013-05-26 San Bernardino Fawnskin SCH13F0064 PDF
2014-01-15 Penstemon albomarginatus white-margined beardtong 2011-06-01 San Bernardino Hidden Valley East MCI11F0006 PDF
2014-01-15 Entosphenus tridentatus Pacific lamprey 1898-04-17 Sacramento Rio Linda FRE98F0001 PDF RST_locations.dbf test.zip Pages_from_steiner_butter
Count = 13

THANK YOU

Contact Kate Whitney at
owlobs@wildlife.ca.gov
(916) 445-5006