

What are you looking for?

Data

Documents

MSP Objectives

Metrics

I want to submit...

Project  
Information

Rare Plant IMG  
Data

Other data

[sdmmp.com](http://sdmmp.com)

# Data

## What type?

General species  
data

Detailed species  
data

Vegetation or  
Threats

Negative  
detection data

Back

# Data- General Species Data Master Occurrence Matrix (MOM)

As an online  
viewer

Download as a  
geodatabase

Back

# Data- General Species Data Master Occurrence Matrix (MOM) Online Viewer

1

2

SDMMP Environmental Dataset Viewer

MOM-animals

MOM-plants

Management Units

NCCP Plan Areas

Conserved Lands

VEGETATION-2015

THREAT-Number of fires 1848-2023

THREATS-IPSP Invasive Plants 2011

THREATS-Light Pollution

THREATS-Connectivity-Bridges

THREATS-Continuity

Search species or property

San Diego

Selected features: 0

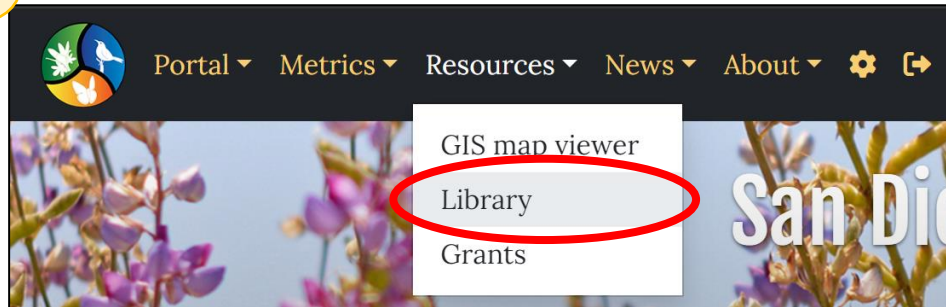
Powered by Esri

\*\*\*This only contains public records. Some species and locations are not showing due to their sensitive nature. Please contact SDMMP for the full dataset, if needed.\*\*\*

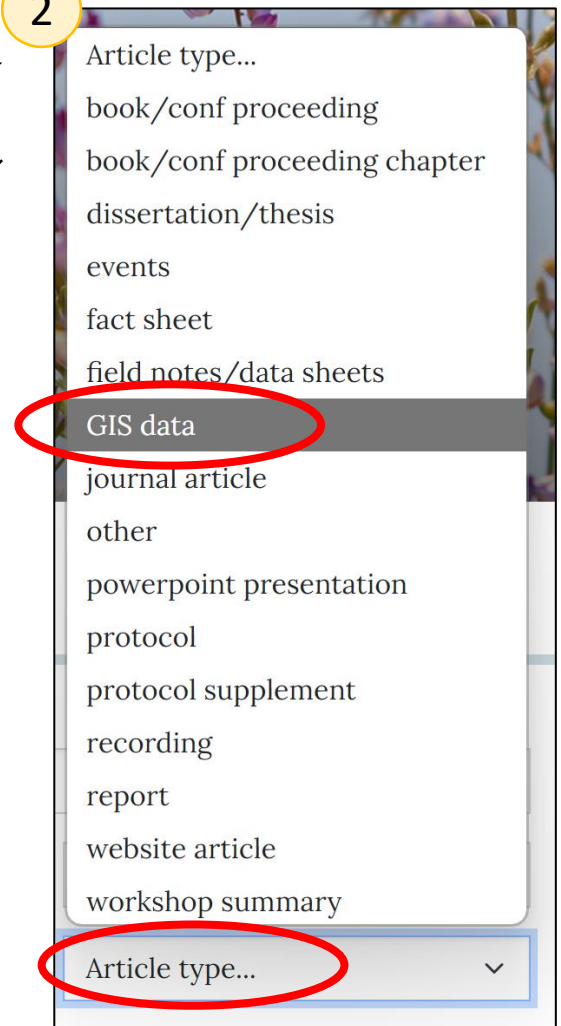
Back

# Data- General Species Data Master Occurrence Matrix (MOM) Download geodatabase

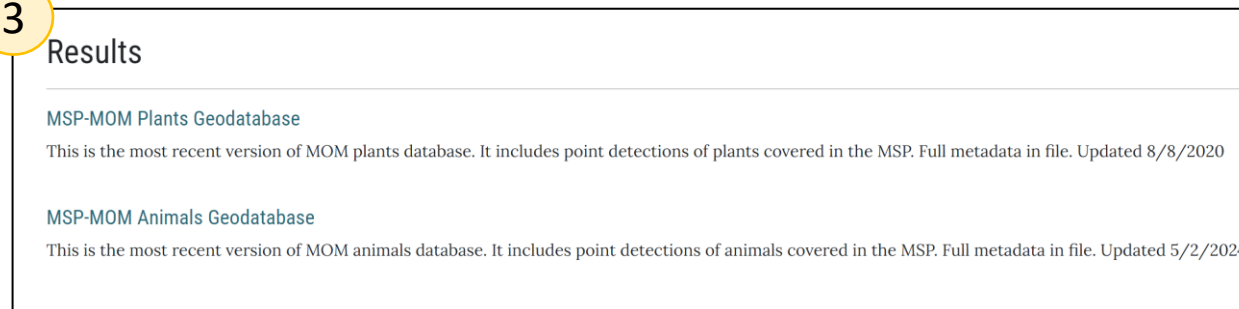
1



2



3



\*\*\*This only contains public records. Some species and locations are not showing due to their sensitive nature. Please contact SDMMP for the full dataset, if needed.\*\*\*

Back

# Data- Detailed Species Data

## Project data

1

Portal ▾ Metrics ▾ Resources ▾ News ▾ About ▾ ⚙️ ↗️

MS

MSP Portal

Track MSP progress

Spatial search

Projects

Species

Vegetation communities

Threats

The MSP

backgro

track pr

There a

ssing information about the Managen

urrences, and maps for MSP Species

nd actions.

MSP Portal:

2

Projects

Select other filters to refine search

Filters

Species... ▾

Veg communities... ▾

Categories... ▾

Preserves... ▾

Has data? ▾

Submit

Has data?

No

Yes

2013 Fire Workshop

Back

# Data- Negative Detections

**\*\*This contains locations where species were searched for but not found. These are not positive detections.\*\***

1



3

## Results

### MSP-MOM Plants Geodatabase

This is the most recent version of MOM plants database. It includes point detections of plants covered in the MSP. Full metadata in file. Updated 8/8/2020

### MSP-MOM Animals Geodatabase

This is the most recent version of MOM animals database. It includes point detections of animals covered in the MSP. Full metadata in file. Updated 5/2/2024.

### MSP-MOM Plants and Animals Negative Detections ONLY



**\*\*\*This only contains public records. Some species and locations are not showing due to their sensitive nature. Please contact SDMMMP for the full dataset, if needed.\*\*\***

2

- Article type...
- book/conf proceeding
- book/conf proceeding chapter
- dissertation/thesis
- events
- fact sheet
- field notes/data sheets
- GIS data (circled in red)
- journal article
- other
- powerpoint presentation
- protocol
- protocol supplement
- recording
- report
- website article
- workshop summary
- Article type...

Back

# Data- Vegetation and Threats Data

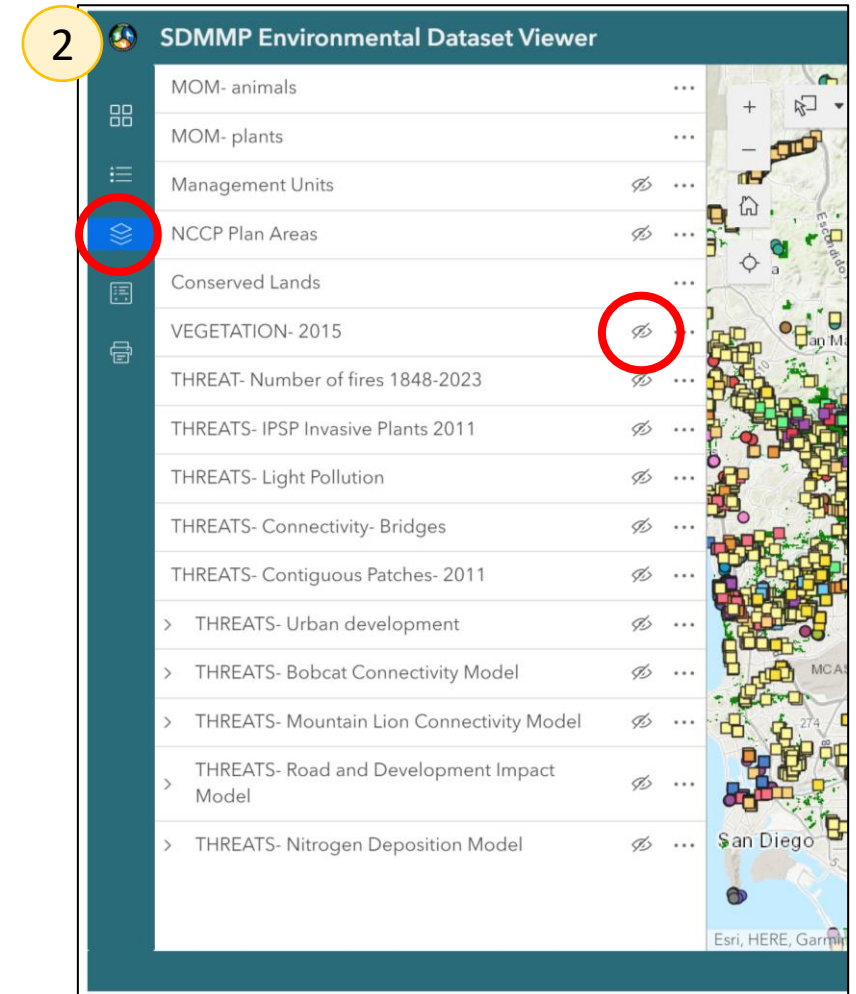
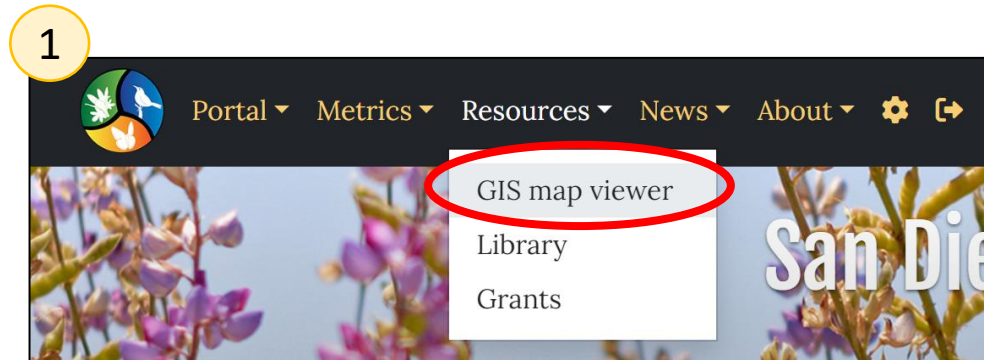
As an online  
viewer

Download as a  
geodatabase

Back



# Data- Vegetation and Threats Data Online Viewer

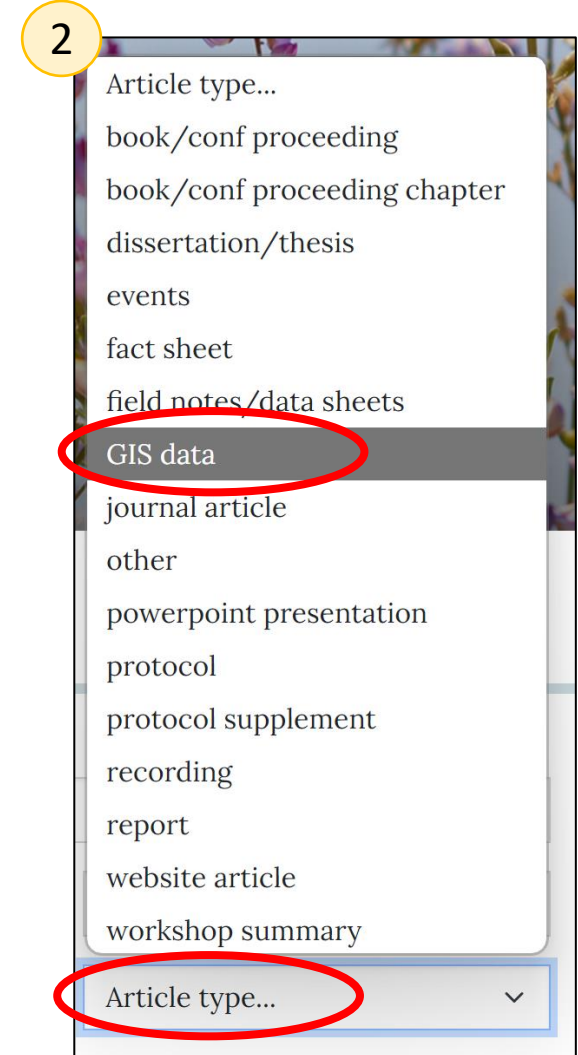
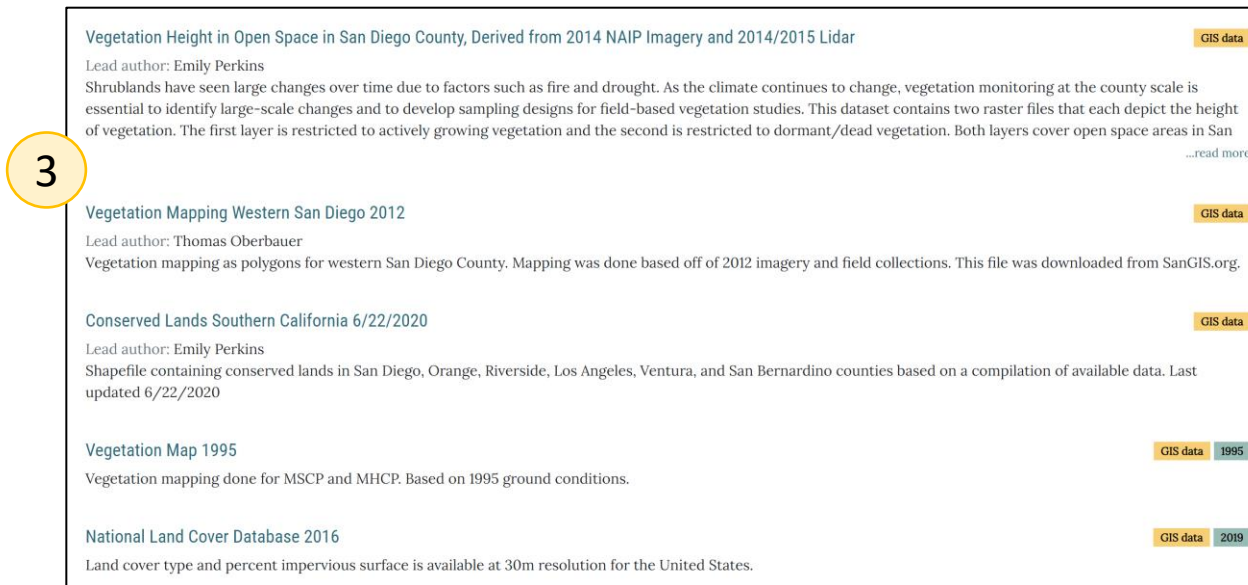
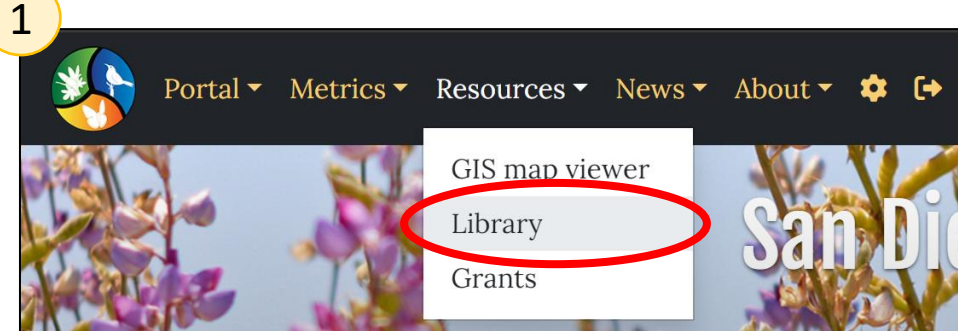


\*\*\*This only contains public records. Some species and locations are not showing due to their sensitive nature. Please contact SDMMP for the full dataset, if needed.\*\*\*

Back

# Data- Vegetation and Threats Data

## Download geodatabase



\*\*\*This only contains public records. Some species and locations are not showing due to their sensitive nature. Please contact SDMMP for the full dataset, if needed.\*\*\*

Back

# Documents

Everything for a  
species,  
vegetation, or  
threat

Specific  
document by  
author name or  
organization

Specific Project  
Report

Back

# Documents

## By species, vegetation community, or threat

1

Portal ▾ Metrics ▾ Resources ▾ News ▾ About ▾ ➔

MSP Portal

Track MSP progress

Spatial search

Projects

Species

Vegetation communities

Threats

2

Species

Filters

Taxon... ▾

Taxon...

Amphibian

Bird

Fish

Invertebrate

Mammal

Plant

Reptile

MSP Management... ▾

Quick Search

Type to search...

American badger  
*Taxidea taxus*

American peregrine falcon  
*Falco peregrinus anatum*

Aphanisma  
*Aphanisma blitoides*

Arroyo chub  
*Gila orcuttii*

Arroyo toad  
*Anaxyrus californicus*

Bald eagle  
*Haliaeetus leucocephalus*

Belding's savannah sparrow  
*Passerculus sandwichensis beldingi*

Bell's Sparrow  
*Aretmisiospiza belli belli*

3

Overview MSP Information Metrics Project Files & Documents Species Profile

Show 10 ▾ entries

Search:

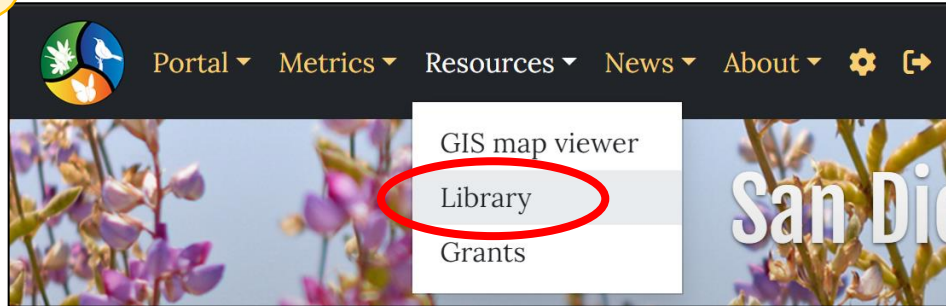
File name	Lead Author	Year	Type
1.03 Responses of arroyo toads to wildfires	Brown, Chris	2013	recording
1997 Sensitive Species Survey Results for Pine Creek and Hauser Canyon Wilderness Areas, Descanso Ranger District, Cleveland National Forest, San Diego County, California.	Wells, Jeffery M.; Turnbull, Jennifer	1998	report

Back

# Documents

## By author or organization

1



2

### Library Search

Search keyword...


<input type="text" value="Author..."/>	<input type="text" value="Prepared for..."/>	<input type="text" value="Prepared by..."/>
<input type="text" value="Publisher..."/>	<input type="text" value="Year..."/>	<input type="text" value="Article type..."/>

Back

# Documents

## For a specific project

1



Portal ▾ Metrics ▾ Resources ▾ News ▾ About ▾ ⚙️ ➡️

MS

MSP Portal

Track MSP progress

Spatial search

Projects

Species

Vegetation communities

Threats

The MSP

backgro

track pr

There a

ssing information about the [Managen](#)

urrences, and maps for MSP Species

nd actions.

MSP Portal:

2

### Projects

*\*Select filters to refine search\**

Filters

Coastal cactus wrer ▾

Veg communities... ▾

Categories... ▾

Preserves... ▾

Has data? ▾

Submit

3

Overview

Files & Documents

Show 

10 ▾

 entries

Search:

File name	Lead Author	Year	Type
South San Diego County Coastal Cactus Wren ( <i>Campylorhynchus brunneicapillus</i> ) Habitat Conservation and Management Plan	Smith, Trish; Preston, Kris	2015	report

Back

# MSP Objectives

By species, veg,  
or threat

By preserve

All Objectives  
and Actions

Back



# MSP Objectives

## By species, vegetation community, or threat

1

Portal ▾ Metrics ▾ Resources ▾ News ▾ About ▾ ↗

MSP Portal

Track MSP progress

Spatial search

Projects

**Species**

Vegetation communities

Threats

3

Overview **MSP Information** Metrics Projects Files & Documents Species Profile

Species Information

MSP Species Background

Goals and Objectives

2

Species

Filters

Taxon... ▾

Taxon...

Amphibian

Bird

Fish

Invertebrate

Mammal


Plant

Reptile

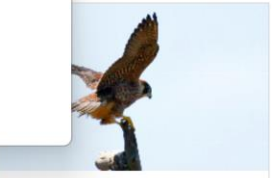
MSP Management... ▾

Quick Search


Type to search...




American badger  
*Taxidea taxus*




American peregrine falcon  
*Falco peregrinus anatum*




Aphanisma  
*Aphanisma blitoides*




Arroyo chub  
*Gila orcuttii*




Arroyo toad  
*Anaxyrus californicus*



Bald eagle  
*Haliaeetus leucocephalus*



Belding's savannah sparrow  
*Passerculus sandwichensis beldingi*



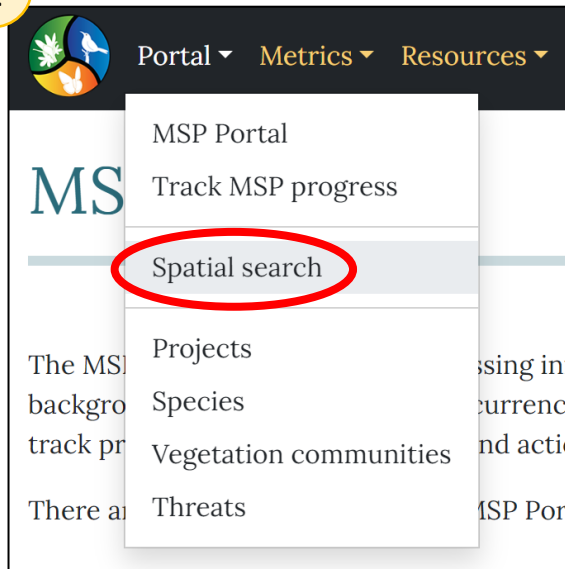
Bell's Sparrow  
*Aretmisospiza belli belli*

Back



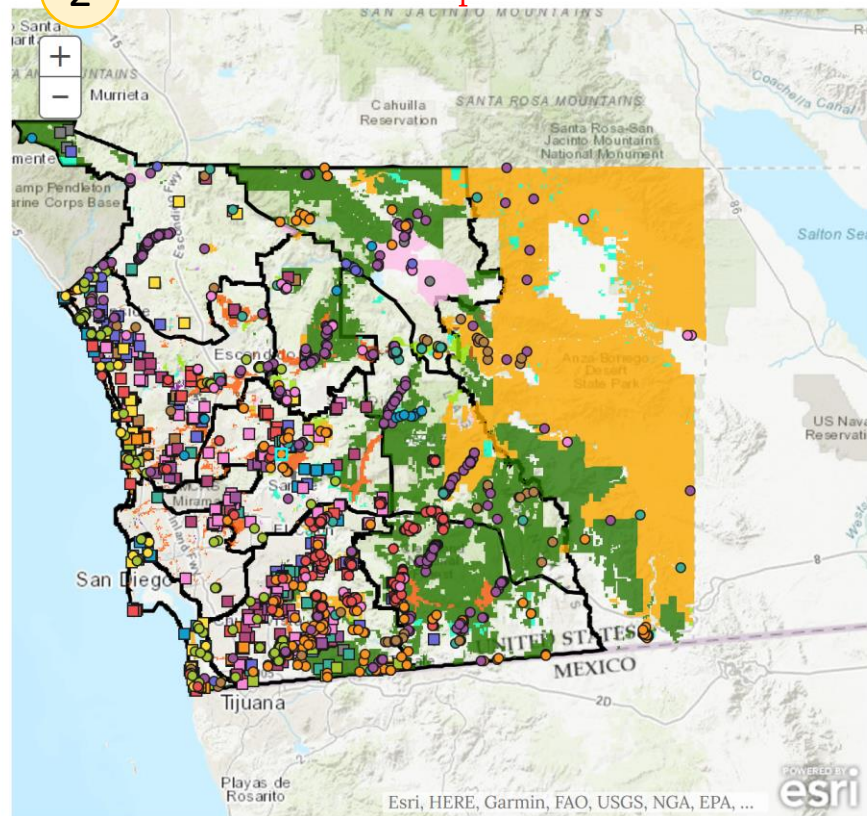
# MSP Objectives By Preserve

1



2

\*Click on map to select\*



## Quino checkerspot butterfly

*Euphydryas editha quino*

### Occurrence information

Management category: SL  
Preserve name: San Vicente Highlands Open Space Preserve  
Land owner: California Department Of Fish And Wildlife  
Land manager: California Department Of Fish And Wildlife  
Management unit: 4  
Number detected: 2  
Year surveyed: 2001

### Data associated with this species

Projects  
Reports library

★ Full Species Information

< Prev

15 features near by. Click 'Next' to view them.

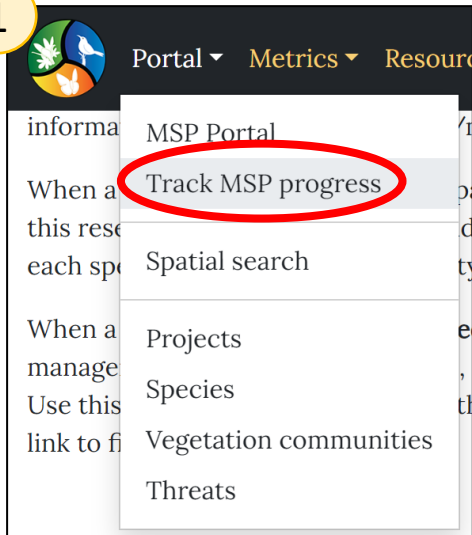
Next >

Back

# MSP Objectives

## View all objectives and actions

1



2

## Track MSP Progress

Narrow the objectives list with the following filters. Leave filters empty to view all results.

species	Management or monitoring...	Status...
Species...	Timing of fire objective...	Management unit...
Taxon category...	Objective code...	Year prioritized...
Species management category...	Objective modifier...	

Select result type: Short Long Submit

Back

# Preserve Metrics

By species, veg,  
or threat

All Metrics and  
details

Back

# Preserve Metrics

## Overviews by species, vegetation community, or threat

1

Portal ▾ Metrics ▾ Resources ▾ News ▾ About ▾ ↗

MSP Portal

Track MSP progress

Spatial search

Projects

Species

Vegetation communities

Threats

2

Species

Filters

Taxon... ▾

Taxon...

Amphibian

Bird

Fish

Invertebrate

Mammal

Plant

Reptile

Quick Search

MSP Management... ▾

Type to search...

American badger  
*Taxidea taxus*

American peregrine falcon  
*Falco peregrinus anatum*

Aphanisma  
*Aphanisma blitoides*

Arroyo chub  
*Gila orcuttii*

Arroyo toad  
*Anaxyrus californicus*

Bald eagle  
*Haliaeetus leucocephalus*

Belding's savannah sparrow  
*Passerculus sandwichensis beldingi*

Bell's Sparrow  
*Aretmisiospiza belli belli*

3

Overview MSP Information Metrics Projects Files & Documents Species Profile

Change

all Trend

High

Overall Confidence

Current Status

The current overa

Species Indicator

metric condition

within the Caut

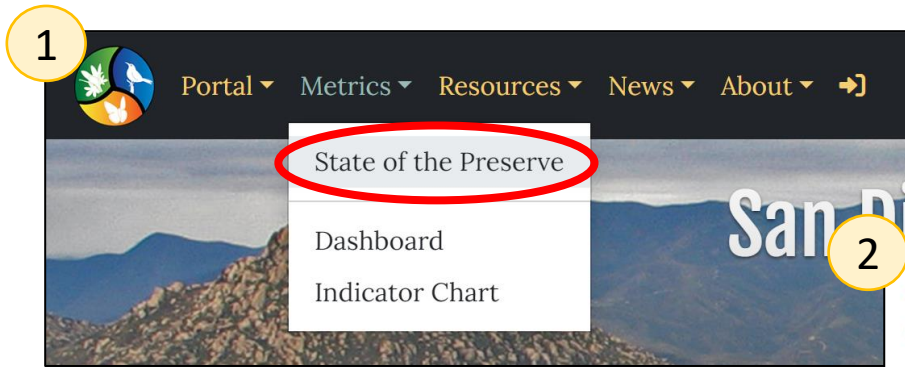
occur only in a

monitored in an

Back

# Preserve Metrics

## All Metrics with details on metric data

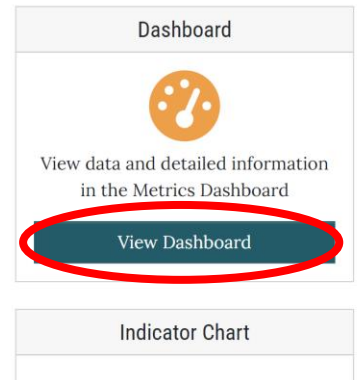


### State of the Preserve

#### How Healthy is the Regional Preserve System?

The health of the regional preserve system is assessed by combining information on the environmental conditions and status of species in natural ecosystems with information on impacts from anthropogenic (human caused) threats. The ecological integrity of the ecosystem is used to assess ecosystem health and is defined as the ecosystem's ability to "to support and maintain a community of organisms that has species composition, diversity, and functional organization comparable to those of natural habitats within a region." (taken from Karr & Dudley 1981 and Parrish et al. 2003). An understanding of the health of the regional preserve system is necessary for identifying and prioritizing management strategies to effectively and efficiently manage natural resources within the preserve system. To measure this system, a set of indicators were chosen to represent the major components of the system and to assess achievement of conservation and management objectives. Within each indicator, one or more measurable metrics were chosen to represent the indicator's ability to maintain a functional community and to meet conservation and management objectives.

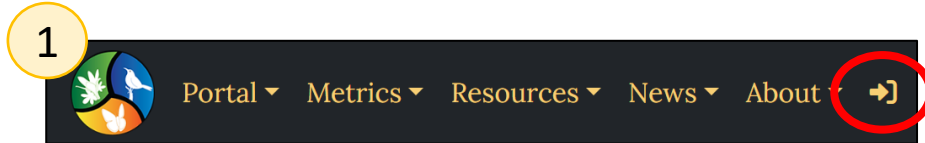
Overall, the regional preserve system was determined to be a condition of Concern. Out of 19 indicators, 12 were either Concern or Significant Concern. Regional threats have increased in the last several decades and often interact to negatively impact the



Back

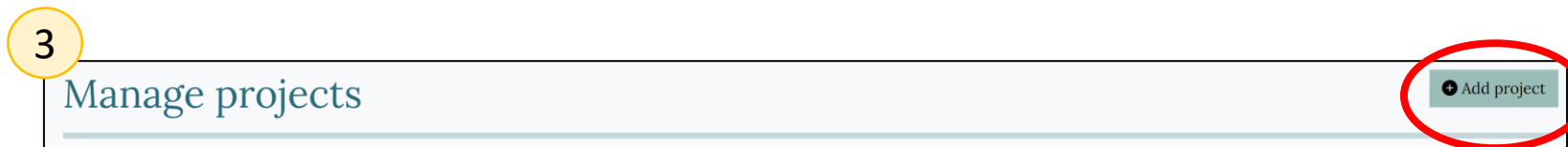
# Submit Project Information

## Pg 1



\*You must create an account and be approved to create projects. Please contact Emily Perkins or Sarah McCutcheon for assistance

[eperkins@usgs.gov](mailto:eperkins@usgs.gov)  
[smcutcheon@usgs.gov](mailto:smcutcheon@usgs.gov)



\*It's highly recommended to reach out for help when starting with projects. You will likely have many questions the first time through\*

Next



# Submit Project Information

## Pg 2

Fill out any information possible in the first page.

Notes:

- Project Name and Description will be publicly available. All other information can be kept private, if necessary.
- The “Notes” field is internal only and will not show publicly.
- The protocol should be attached as a separate document. Click “Add new Protocol/Methods” and see next steps for approving documents

Project name\*

Project type

Category

Description

Map data URL

https://

Notes

Estimated initiation date

Estimated completion date

Actual initiation date

Actual completion date

Draft report date

Final report date

Draft or final report available

No

Current stage

Protocol/Methods

Protocol/methods

No protocol available at this time

This protocol does not have a citation record.

Green is approved

Blue is submitted, waiting for approval

Yellow is still editable

Don't see a protocol? Add new Protocol/Methods

Sampling techniques

Suggestions

camera stations  
genetic sample collection  
tracking station surveys  
point counts  
visual encounters  
pitfall traps  
radio telemetry  
burrow/nest inspections  
canine tracking  
nest search

Select from this list to append to your sampling techniques.

Submit

Cancel

\*Click submit\*

Next

# Submit Project Information

## Pg 3

Metadata	Overview	MSP Info	Protocol Documents	Files & Documents	Data Files	Photos	Users
Target Species							
<input type="text"/>							
<button>Update Species</button>							
Target Vegetation Community							
<input type="text"/>							
<button>Update Vegetation Communities</button>							
Target Preserves							
<input type="text"/>							
<button>Update Preserves</button>							

Go through each tab and fill out any information possible.

Notes:

- Click the update button at the end of each section to save the changes.
- Documents added under “Protocol Documents” and “Files & Documents” will go into the library and be searchable through the library page. These require additional metadata about the file.
- Anything added under “Data Files” will only be found through the Project Page.

Next




# Submit Project Information

## Pg 4

1

Current protocol documents

Click on the document name to review its information, make edits, and submit it for approval. Click on the  icon to remove it from the project.

 Common Tasks on SDMMP website2.docx 

Green is approved   Blue is submitted, waiting for approval   Yellow is still editable

For “Protocol Documents” and “Files & Documents”, you will see the attached files listed in Green, Blue, or Yellow.

If files are listed in Yellow, click on the name of the file to add additional metadata.

2

### Manage article

Article type  
protocol supplement

Restriction level\* Restriction  
0 - No restrictions ▼

Article name\*  
Common Tasks on SDMMP website2.docx

Book title

Authors  
Last, First

Abstract/summary



Fill in any information possible

3

 Update  Cancel

Click Update FIRST

4

 Manage Status  Delete Article

Then click Manage Status and Submit

Next

# Submit Project Information

Pg 5

Once the project is complete and all documents are submitted, go back to the “Metadata” tab.

Click “Manage Status”

It is recommended to select “Public” for the availability, but sensitive projects can be limited to selected users, if needed

1

The screenshot shows the 'Manage project' interface. The 'Metadata' tab is highlighted with a red circle. The form includes fields for Project name\*, Project type, Category, Description, Map data URL, Notes, Estimated initiation date, Estimated completion date, Actual initiation date, Actual completion date, Draft report date, Final report date, Draft or final report available, and Current stage. There are also sections for Protocol/Methods and Sampling techniques. At the bottom, there are buttons for 'Update', 'Cancel', 'Manage Status' (highlighted with a red circle), and 'Delete Project'.

2

The screenshot shows the 'Manage Project Submission Status' dialog box. It includes a text area for project details, a 'Project Availability:\*' dropdown menu with 'selected individuals only' selected, and a list of options: 'public' (highlighted with a red circle), 'SDMMP partners only', and 'selected individuals only'. A notice states: 'Notice! Once a project has been approved, the project Title and Description will be public to everyone.' At the bottom, there are buttons for 'Close' and 'Submit Project' (highlighted with a red circle).

Back

# Submit Rare Plant IMG Data

Please contact Annabelle Bernabe for help  
getting an account and the correct  
permissions to submit data.

[abernabe@usgs.gov](mailto:abernabe@usgs.gov)


## Rare Plants Data Upload

### Upload Rare Plants Data

Choose File

No file chosen

Validate Data


Click to browse or drag and drop. Only CSV  files accepted.

### Upload Photos & Spatial Data

Choose Files

No file chosen

Upload Photos & Spatial Data

Click to browse or drag and drop. Only ZIP  files accepted.

### Documents

RarePlants\_sample\_template.csv  
Field names and types (JSON)

Back

# Submit Other Data

A tool to upload data is in development. In the meantime, data may be attached to a project page (see the instructions for “Create Project Page”), or data may be emailed directly to SDMMP. Use the links below to get a list of fields that should be included with data submissions.

For Conserved Lands, email Annabelle Bernabe  
[abernabe@usgs.gov](mailto:abernabe@usgs.gov)

For MOM species records, email Jordyn Ochoa  
[jochoa@usgs.gov](mailto:jochoa@usgs.gov)

For any other submissions, email Emily Perkins  
[eperkins@usgs.gov](mailto:eperkins@usgs.gov)

Conserved  
Lands

Species  
Detections

Back

# Submit Other Data

## Conserved Lands Database

Please provide spatial information as an ESRI file, KML, or a list of APNs  
Attach the following attribute information about each property or parcel

Field	Description
PropertyName	Name used to identify property
OwnName	Name of property owner
MgtAgency	Agency or group in charge of management
ConsDate	Date the property was conserved
ConsType	Type of conservation agreement (acquisition, mitigation bank, etc)
Public Access	Is there public access on the property
MgtPlan	Is there a management plan for the property? (if able, please attachment management plan)
MgtPlanDate	Date of the management plan
InfoSource	Source of property information

[Back](#)

# Submit Other Data

## Species Detections (MOM)

Please provide spatial information as an ESRI file, KML, or a list of coordinates  
The following fields are required. See the next page for additional optional fields.

Field	Description
CommonName	Species Common Name (OK to provide scientific name instead)
SurDate	Date of the survey
Surveyor	Name of surveyor(s)
X Coordinate	X Coordinate (please specify coordinate system and datum)
Y Coordinate	Y Coordinate (please specify coordinate system and datum)
Accuracy	Accuracy of point location in meters
Present	Species present or absent (yes or no)
NuDetec	Number of the species that were detected
SurveyMeth	Survey Method (name of method or “incidental”)
Source1	Citation of data original source

[Next](#)

# Submit Other Data

## Species Detections (MOM)

Optional fields that may also be included with species information

Field	Description
LifeForm	Life form of species detected
ObsForm	What evidence was detected? (species seen visually, den, tracks, scat, etc.)
Age	Age class of species
Sex	Sex of species
Breeding	Was there evidence of breeding?
Threats	Threats to the occurrence
MgmtRec	Management recommendations
Source2	Additional citation information
Source3	Additional citation information

[Back](#)