

What are you looking for?

Data

Documents

MSP Objectives

Metrics

I want to submit...

Project
Information

Rare Plant IMG
Data

Other data

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)

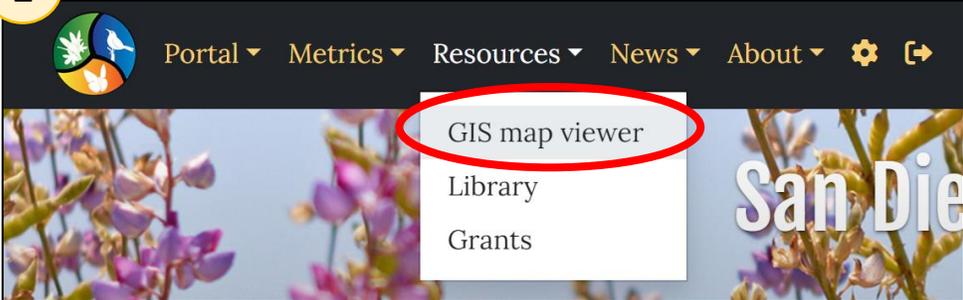
As an online
viewer

Download as a
geodatabase

Back

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

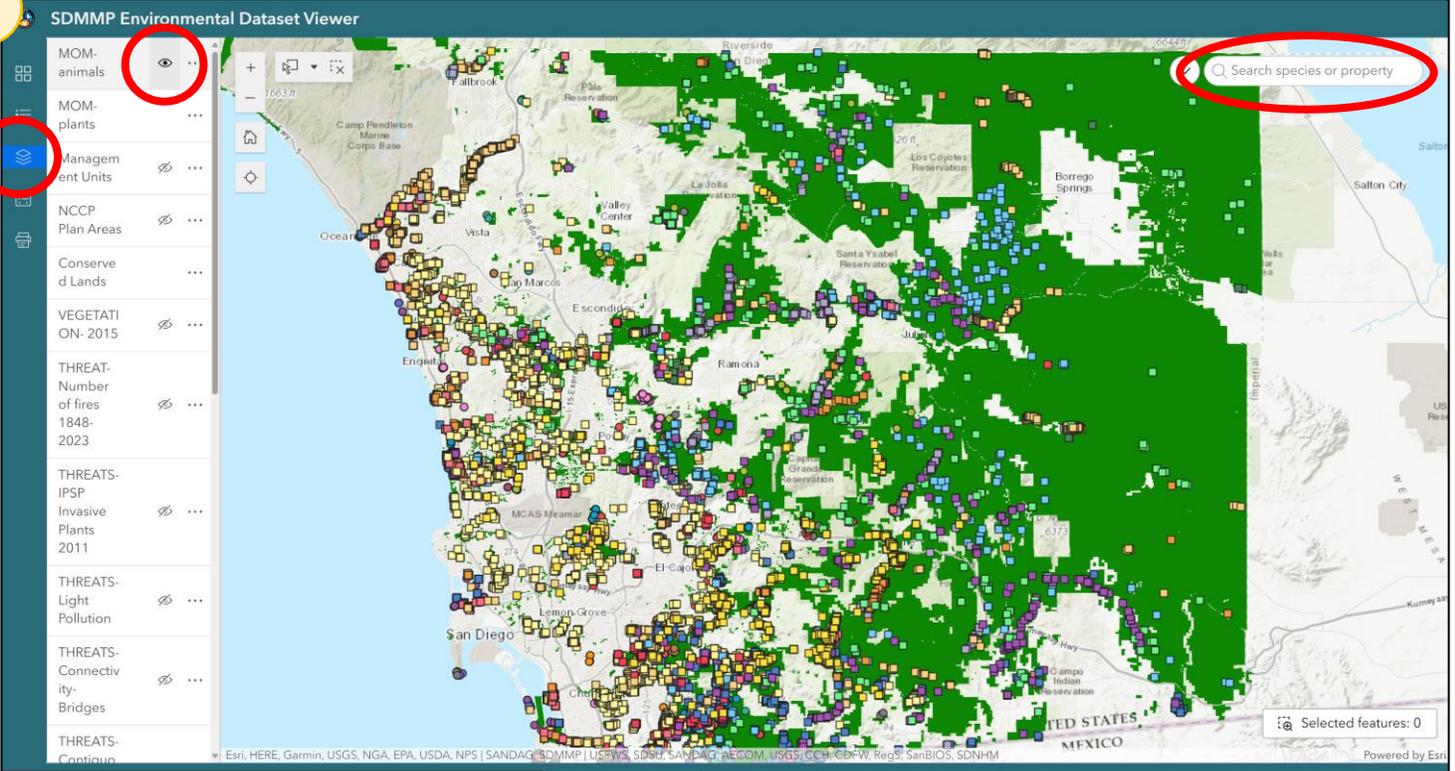
1



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

GIS map viewer
Library
Grants

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-Continu...

Search species or property

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.

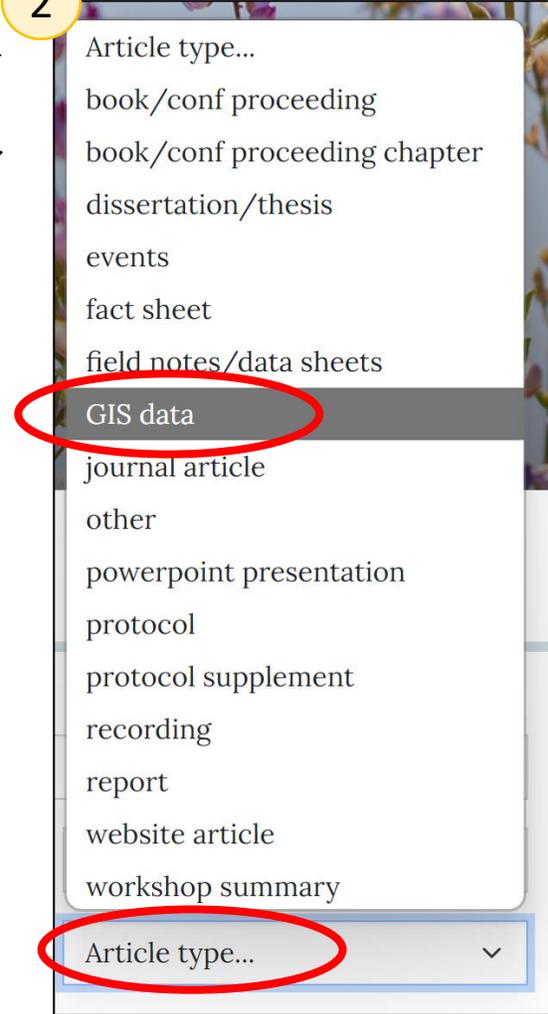
Back

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

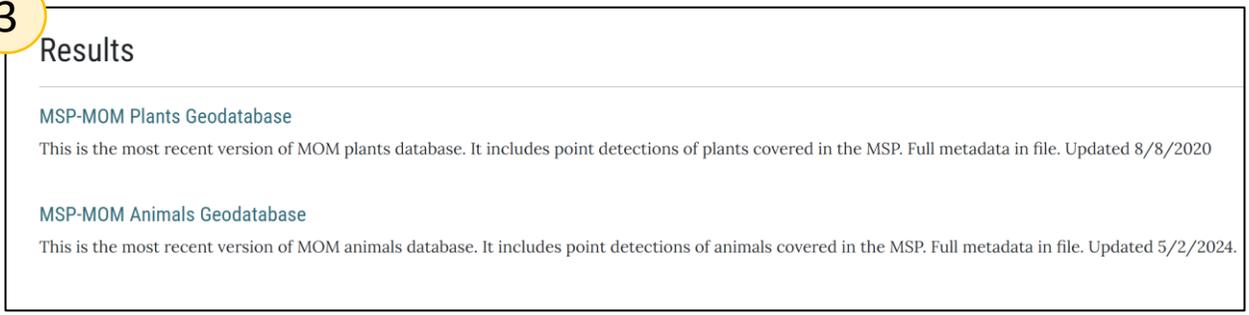
1



2



3



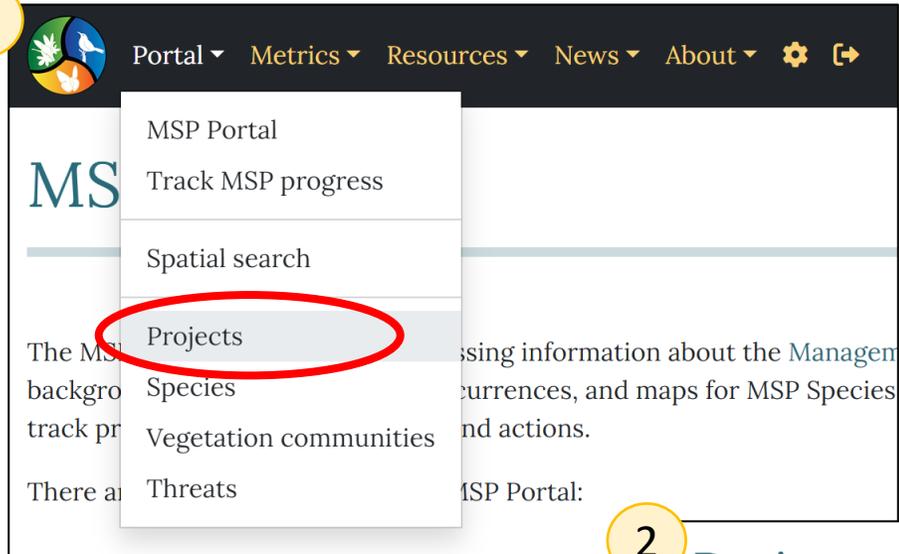
This only contains public records. Some species and locations are not showing due to their sensitive nature. Please contact SDMMP for the full dataset, if needed.

Back

Data- Detailed Species Data

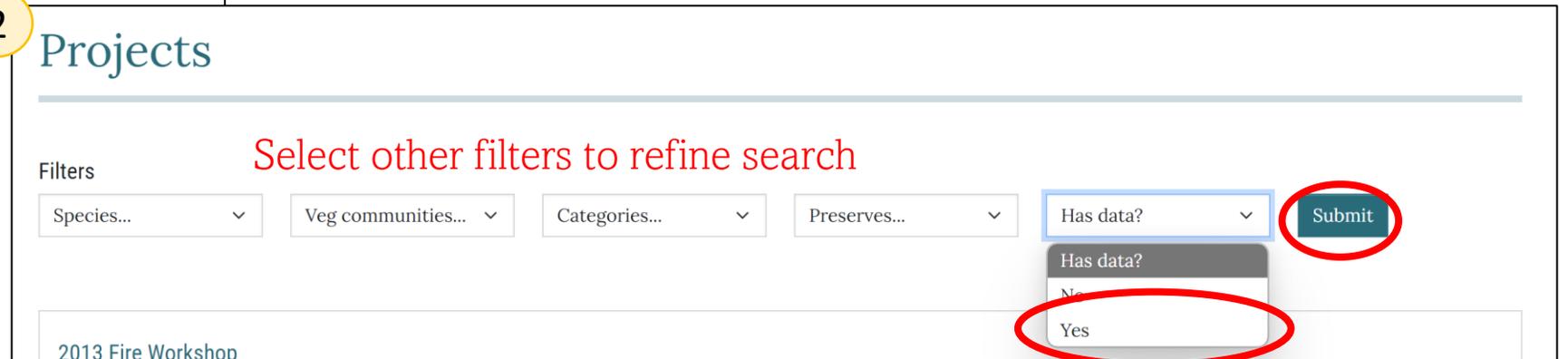
Project data

1



The screenshot shows the top navigation bar of the MSP Portal. The menu items are: Portal, Metrics, Resources, News, and About. A dropdown menu is open under 'Portal', listing: MSP Portal, Track MSP progress, Spatial search, **Projects** (highlighted with a red circle), Species, Vegetation communities, and Threats. The background text is partially visible, mentioning 'The MSP background track pr' and 'There are'.

2



The screenshot shows the 'Projects' page with a filter section. The title 'Projects' is at the top. Below it, a red text prompt says 'Select other filters to refine search'. The filter section includes several dropdown menus: 'Species...', 'Veg communities...', 'Categories...', 'Preserves...', and 'Has data?'. The 'Has data?' dropdown is open, showing options 'No' and 'Yes', with 'Yes' highlighted by a red circle. A 'Submit' button is also highlighted with a red circle. Below the filters, a search result is visible: '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 SDMMP for the full dataset, if needed.*****

2

A screenshot of a dropdown menu titled 'Article type...'. The menu lists various document types: 'book/conf proceeding', 'book/conf proceeding chapter', 'dissertation/thesis', 'events', 'fact sheet', 'field notes/data sheets', 'GIS data', 'journal article', 'other', 'powerpoint presentation', 'protocol', 'protocol supplement', 'recording', 'report', 'website article', and 'workshop summary'. The 'GIS data' option is circled in red. Below the menu is a yellow 'Back' button, also circled in red.

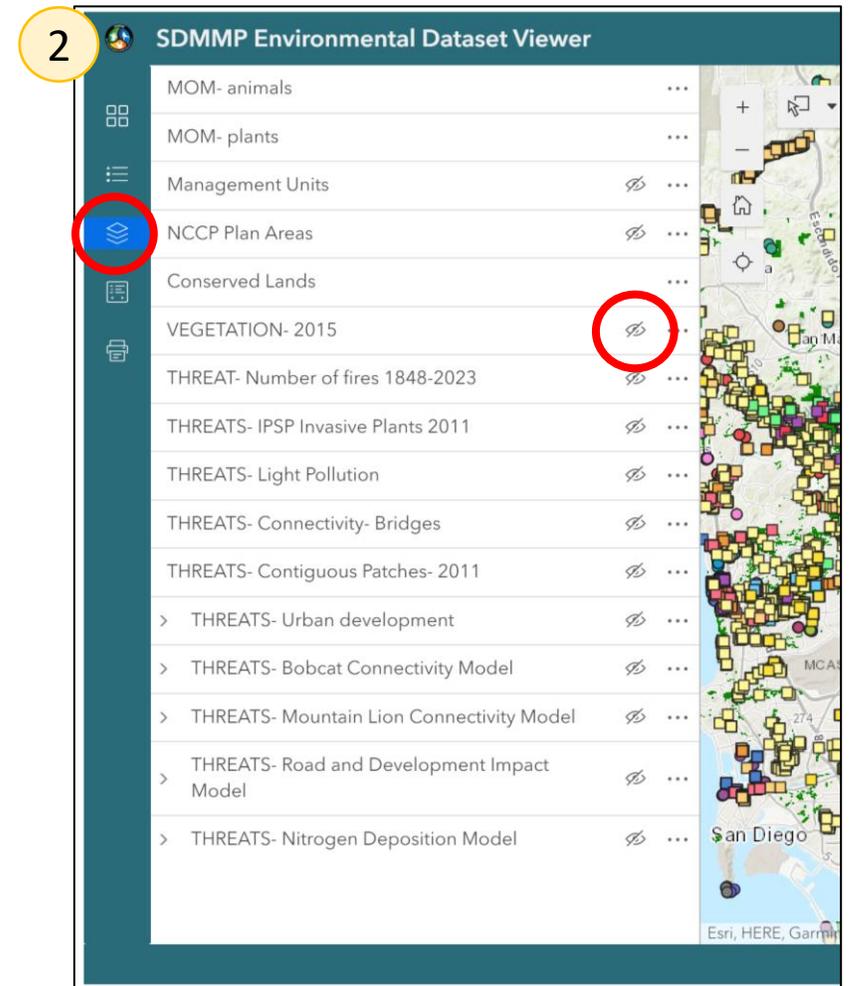
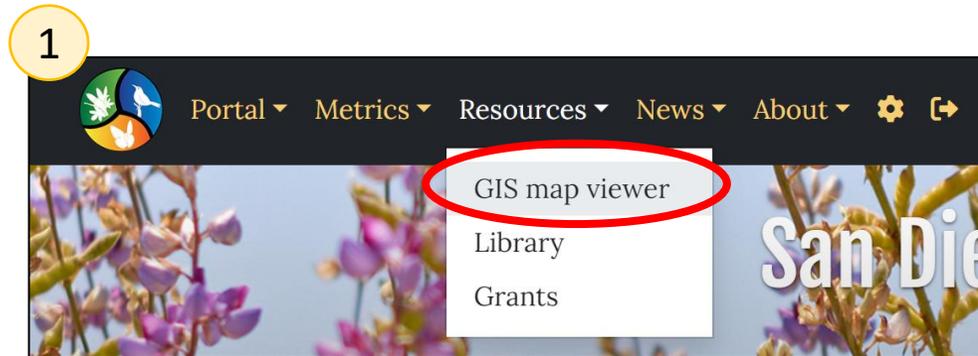
Data- Vegetation and Threats Data

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

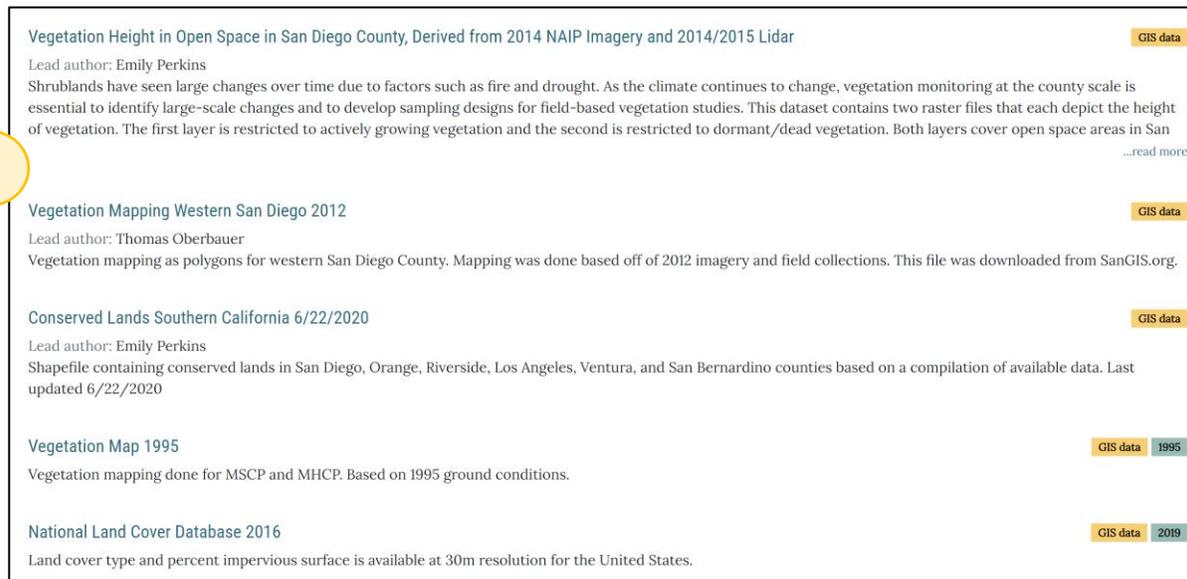
Data- Vegetation and Threats Data

Download geodatabase

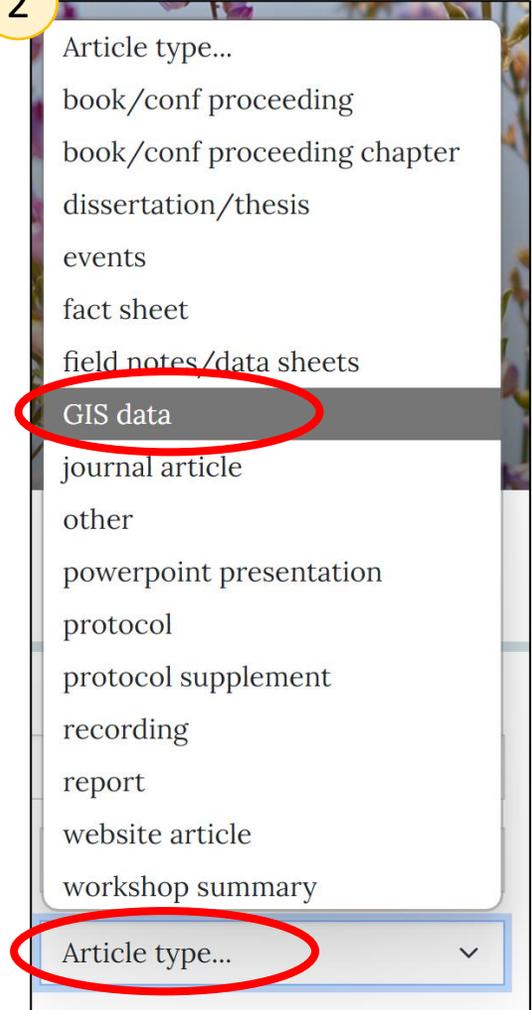
1



3



2



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
- Files & Documents**
- Species
- Vegetation communities
- Threats

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

2

Filters: Taxon... MSP Management... Quick Search: Type to search...

Taxon...
Amphibian
Bird
Fish
Invertebrate
Mammal
Plant
Reptile

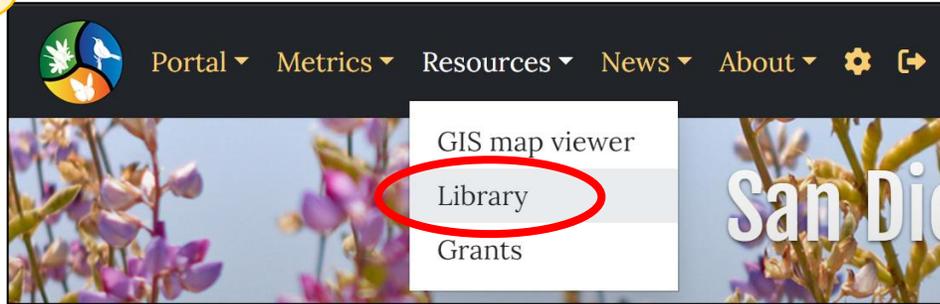
- American badger
Taxidea taxus
- American peregrine falcon
Falco peregrinus anatum
- Aphanisma
Aphanisma blitoides
- Arroyo chub
Gila orcuttii
- Arroyo toad
*Anaxyrus californicus***
- Bald eagle
Haliaeetus leucocephalus
- Belding's savannah sparrow
Passerculus sandwichensis beldingi
- Bell's Sparrow
Aretmiospiza belli belli

Back

Documents

By author or organization

1



2

Library Search

Search keyword...

Back

Documents

For a specific project

1

The screenshot shows the top navigation bar of the MSP Portal with a dropdown menu open. The 'Projects' option is circled in red. The navigation bar includes links for Portal, Metrics, Resources, News, and About, along with a settings gear and a share icon. The dropdown menu lists: MSP Portal, Track MSP progress, Spatial search, Projects (circled), Species, Vegetation communities, and Threats.

2

The screenshot shows the 'Projects' page header and filter section. A red text instruction reads '*Select filters to refine search*'. Below this, there are five filter dropdown menus: 'Coastal cactus wren', 'Veg communities...', 'Categories...', 'Preserves...', and 'Has data?'. A 'Submit' button is located to the right of the filters.

3

The screenshot shows the 'Files & Documents' tab selected, which is circled in red. Below the tab, there is a 'Show 10 entries' dropdown and a search box. A table displays the following data:

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

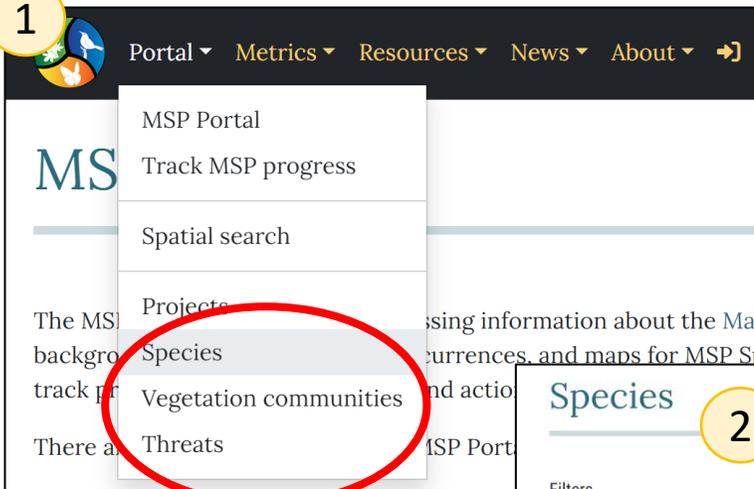
All Objectives
and Actions

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 and actions
- Threats

3



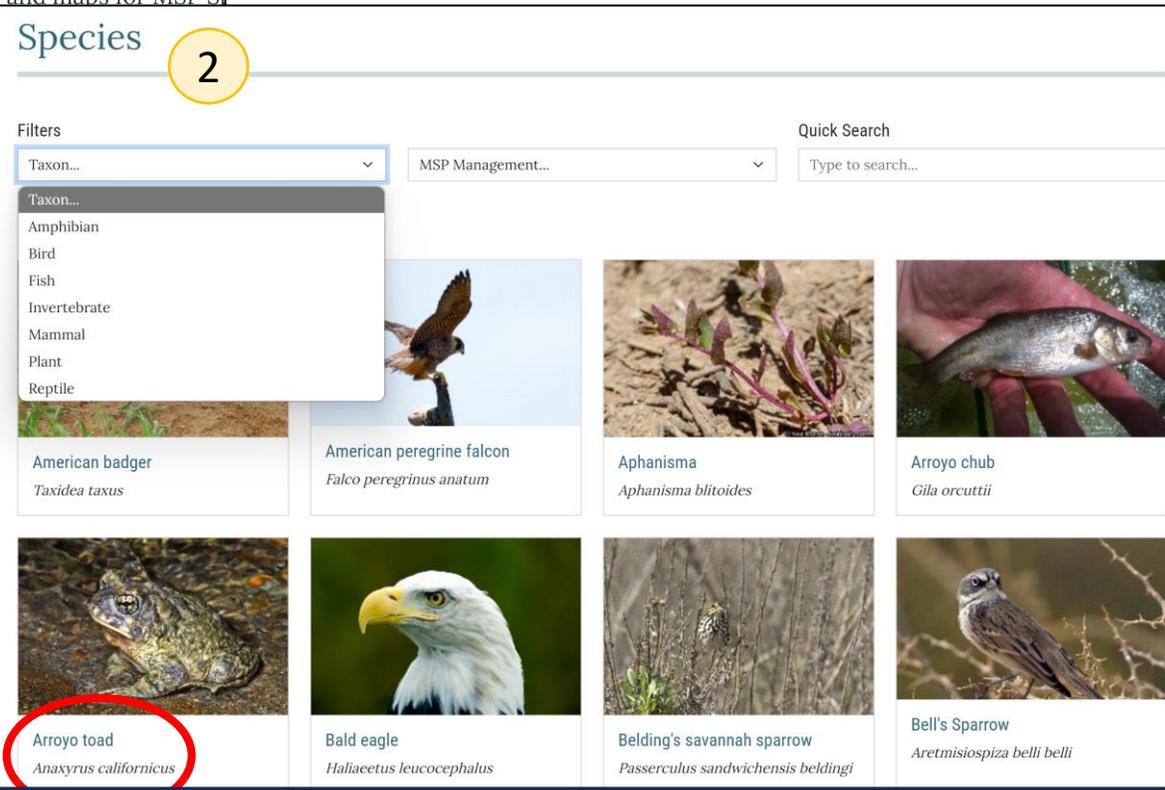
Overview **MSP Information** Metrics Projects Files & Documents Species Profile

Species Information

MSP Species Background

Goals and Objectives

2



Filters

Taxon... MSP Management... Quick Search

Type to search...

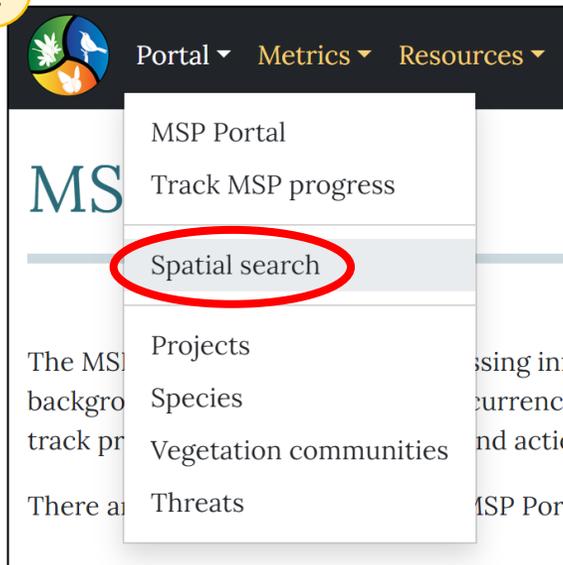
- Taxon...
- Amphibian
- Bird
- Fish
- Invertebrate
- Mammal
- Plant
- Reptile

 <p>American badger <i>Taxidea taxus</i></p>	 <p>American peregrine falcon <i>Falco peregrinus anatum</i></p>	 <p>Aphanisma <i>Aphanisma blitoides</i></p>	 <p>Arroyo chub <i>Gila orcuttii</i></p>
 <p>Arroyo toad <i>Anaxyrus californicus</i></p>	 <p>Bald eagle <i>Haliaeetus leucocephalus</i></p>	 <p>Belding's savannah sparrow <i>Passerculus sandwichensis beldingi</i></p>	 <p>Bell's Sparrow <i>Aretmisiospiza belli belli</i></p>

Back

MSP Objectives By Preserve

1

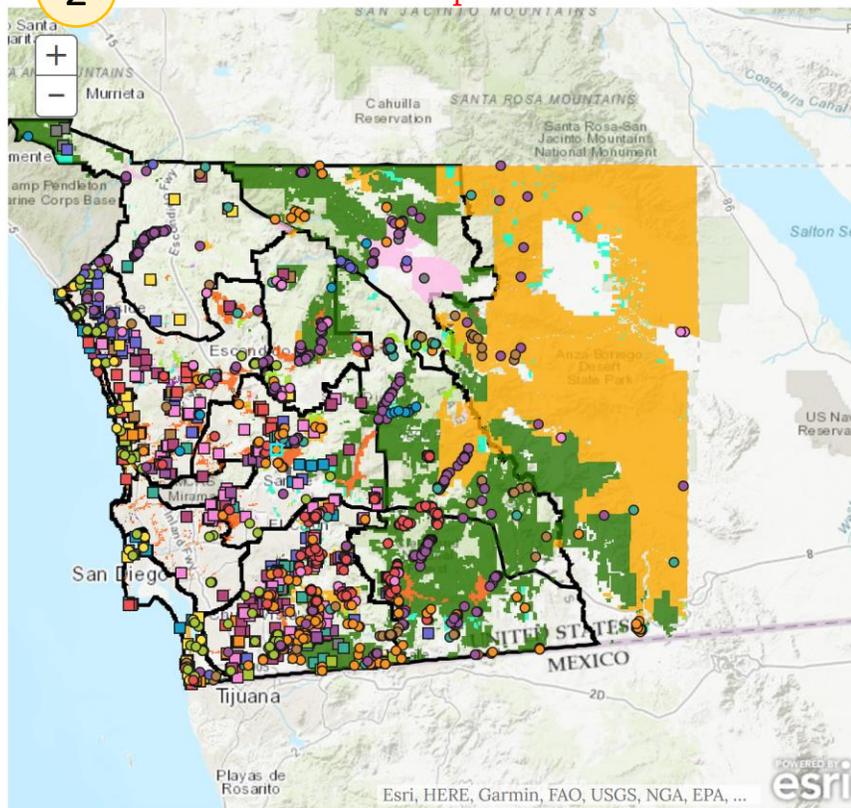


Portal ▾ Metrics ▾ Resources ▾

- MSP Portal
- Track MSP progress
- Spatial search**
- Projects
- Species
- Vegetation communities
- Threats

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.

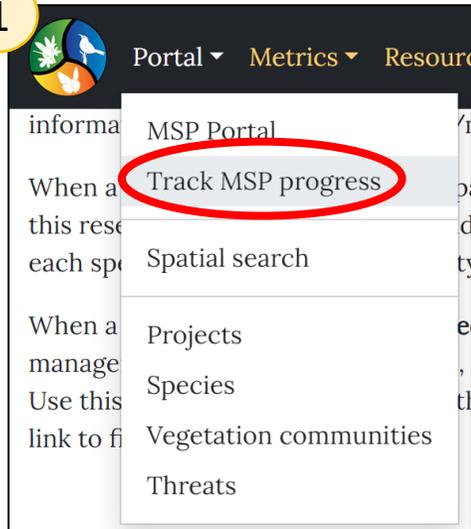
Next >

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

Back

Preserve Metrics

By species, veg,
or threat

All Metrics and
details

Back

Preserve Metrics

Overviews by species, vegetation community, or threat

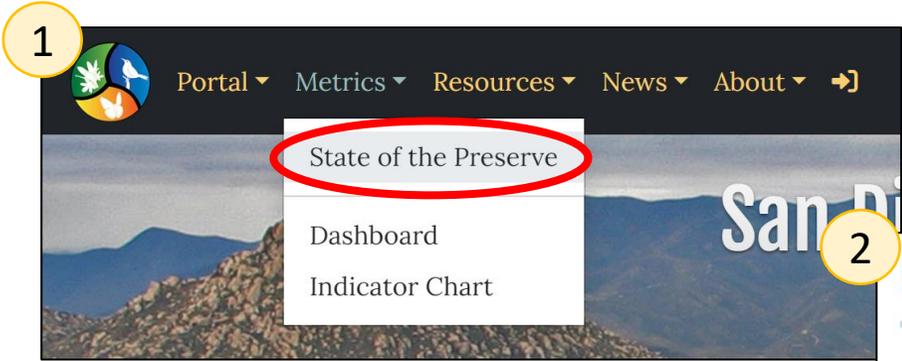
The image shows a screenshot of the MSP Portal website. It is divided into three numbered sections:

- 1**: A navigation menu at the top left. The 'Metrics' dropdown menu is open, showing options: 'MSP Portal', 'Track MSP progress', 'Spatial search', 'Projects', 'Species' (circled in red), 'Vegetation communities', and 'Threats'.
- 2**: A 'Species' overview page. It features a 'Filters' section with a 'Taxon...' dropdown menu open, listing categories: Amphibian, Bird, Fish, Invertebrate, Mammal, Plant, and Reptile. Below the filters is a grid of species cards, each with a photo and name: American badger (*Taxidea taxus*), American peregrine falcon (*Falco peregrinus anatum*), Aphanisma (*Aphanisma blitoides*), Arroyo chub (*Gila orcuttii*), Arroyo toad (*Anaxyrus californicus*, circled in red), Bald eagle (*Haliaeetus leucocephalus*), Belding's savannah sparrow (*Passerculus sandwichensis beldingi*), and Bell's Sparrow (*Aretmisiospiza belli belli*).
- 3**: A detailed view of a species metric. The 'Metrics' tab is selected and circled in red. It shows a 'Current Status' section with a green checkmark and the text 'High Overall Confidence'. A 'Change' button is visible below the status.

A yellow 'Back' button is located in the bottom right corner of the page.

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

Dashboard

View data and detailed information in the Metrics Dashboard
View Dashboard
Indicator Chart

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
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.

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 Current stage

Click submit

Protocol/Methods

Protocol/methods

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.

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

Next

Submit Project Information

Pg 3

Metadata Overview MSP Info Protocol Documents Files & Documents Data Files Photos Users

Target Species

Update Species

Target Vegetation Community

Update Vegetation Communities

Target Preserves

Update Preserves

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 *Fill in any information possible*
Last, First

Abstract/summary

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 contains several sections: 'Project name*' (text input with 'test'), 'Project type' and 'Category' (dropdowns), 'Description' (text area), 'Map data URL' (text input with 'https://'), 'Notes' (text area with '(Internal only - this field will not show publicly)'), 'Estimated initiation date' and 'Estimated completion date' (date pickers), 'Actual initiation date' and 'Actual completion date' (date pickers), 'Draft report date' and 'Final report date' (date pickers), 'Draft or final report available' (dropdown with 'No'), and 'Current stage' (dropdown). On the right, there is a 'Protocol/Methods' section with a dropdown menu showing 'No protocol available at this time' and a note 'This protocol does not have a citation record.' Below that is a status bar with 'Green is approved', 'Blue is submitted, waiting for approval', and 'Yellow is still editable'. Further down is a 'Sampling techniques' section with a list of suggestions: camera stations, genetic sample collection, tracking station surveys, point counts, visual encounters, pitfall traps, radio telemetry, burrow/nest inspections, canine tracking, and nest search. At the bottom right, the 'Manage Status' button is highlighted with a red circle.

2

The screenshot shows the 'Manage Project Submission Status' dialog box. It contains the following text: 'Submit this project to be viewable on the SDMMP website. Only submit this project after you are satisfied with its attributes (docs, personnel, target species, etc). Upon submitting, you will no longer be able to make changes to this project unless it is reopened by our data steward.' Below this is a 'Project Availability:*' dropdown menu with 'selected individuals only' selected. The 'public' option is highlighted with a red circle. Below the dropdown is a 'Notice!' box: 'Notice! Once a project has been approved, the project Title and Description will be public to everyone.' At the bottom right, the 'Submit Project' button is 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

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

For MOM species records, email Jordyn Ochoa
jochoa@usgs.gov

For any other submissions, email Emily Perkins
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](#)