

# **Submitting Data to the California Natural Diversity Database**

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### About the CNDDB

The California Natural Diversity Database (CNDDB) is an inventory of the location and status of rare plants and animals in California.

- 2345 tracked rare plant taxa (plus 57 rare lichen and bryophyte taxa)
- 45,000+ plant element occurrences (EOs)

With the increasing array of options for collecting rare species data and sharing it online, it becomes more difficult for CNDDB staff to gather and efficiently process the best available data from many disparate sources.

### Submit your data directly to the CNDDB

The best way to be sure your data makes it into the CNDDB is to submit it to us directly.

Options for submitting data directly to the CNDDB:

- CNDDB online field survey form
- Email data (shapefiles, Excel tables, PDF field survey forms) to <u>CNDDB@Wildlife.ca.qov</u>



Visit the <u>CNDDB webpage</u> for additional information on data submission!





California Natural Diversity Database (CNDDB) California Department of Fish and Wildlife Sacramento CA

## Two New Ways To Collect Rare Plant Data

### **CNDDB/Calflora form**

Calflora has developed a new rare species observation form where you can fill out the detailed fields that CNDDB needs to make high quality occurrences.

Benefits to using Calflora:

- Only contains observations from California
- Have an app to make data collection easy

Drawbacks to using Calflora:

Data is not directly submitted to CNDDB; data is pulled off of Calflora on a species-by-species basis when CNDDB is updating that plant

How you can help us:

Fill out as many fields as you can!

### **CNDDB** iNaturalist project

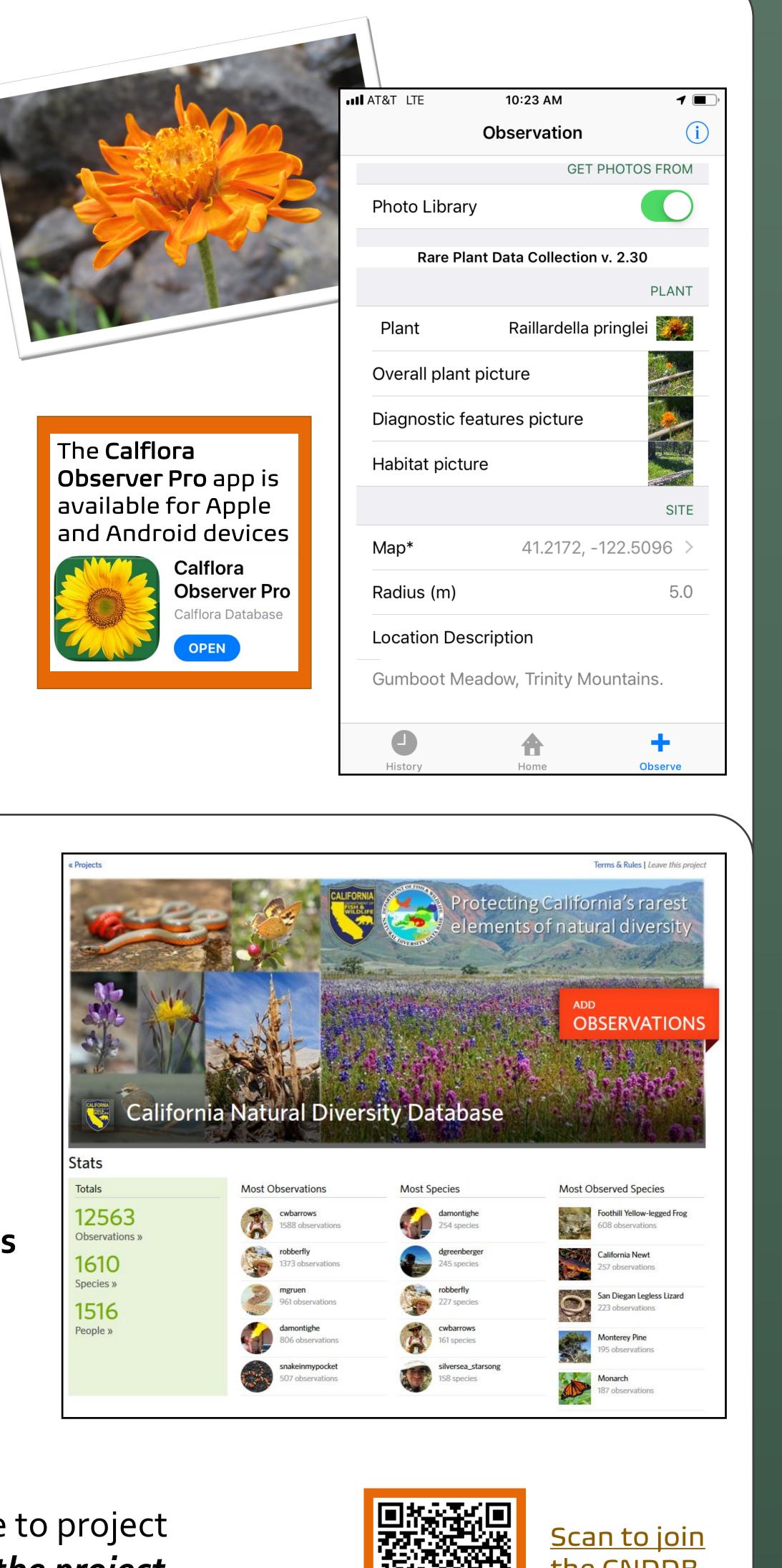
Benefits to using iNaturalist:

- Data collection is simple & user-friendly
- IDs are crowdsourced

Drawbacks to using iNaturalist:

- CNDDB cannot see your coordinates unless you share them with us
- Data is not directly submitted to CNDDB; data is pulled off of iNaturalist on a species-by-species basis when CNDDB is updating that plant
- Lacks detailed fields useful to CNDDB
- How you can help us:
- Join the CNDDB iNaturalist project
- Select the option to make your coordinates visible to project curators *no matter who adds the observation to the project*.
- Add info on habitat & number of individuals (a prompt should appear when you add an observation to the CNDDB project)

**CNDDB** is only as good as the data we receive! Please contact us if you have questions about the best way to submit your data to CNDDB. Thank you to all of our data submitters for sharing the results of your work with us and contributing toward the conservation of California's rare flora!





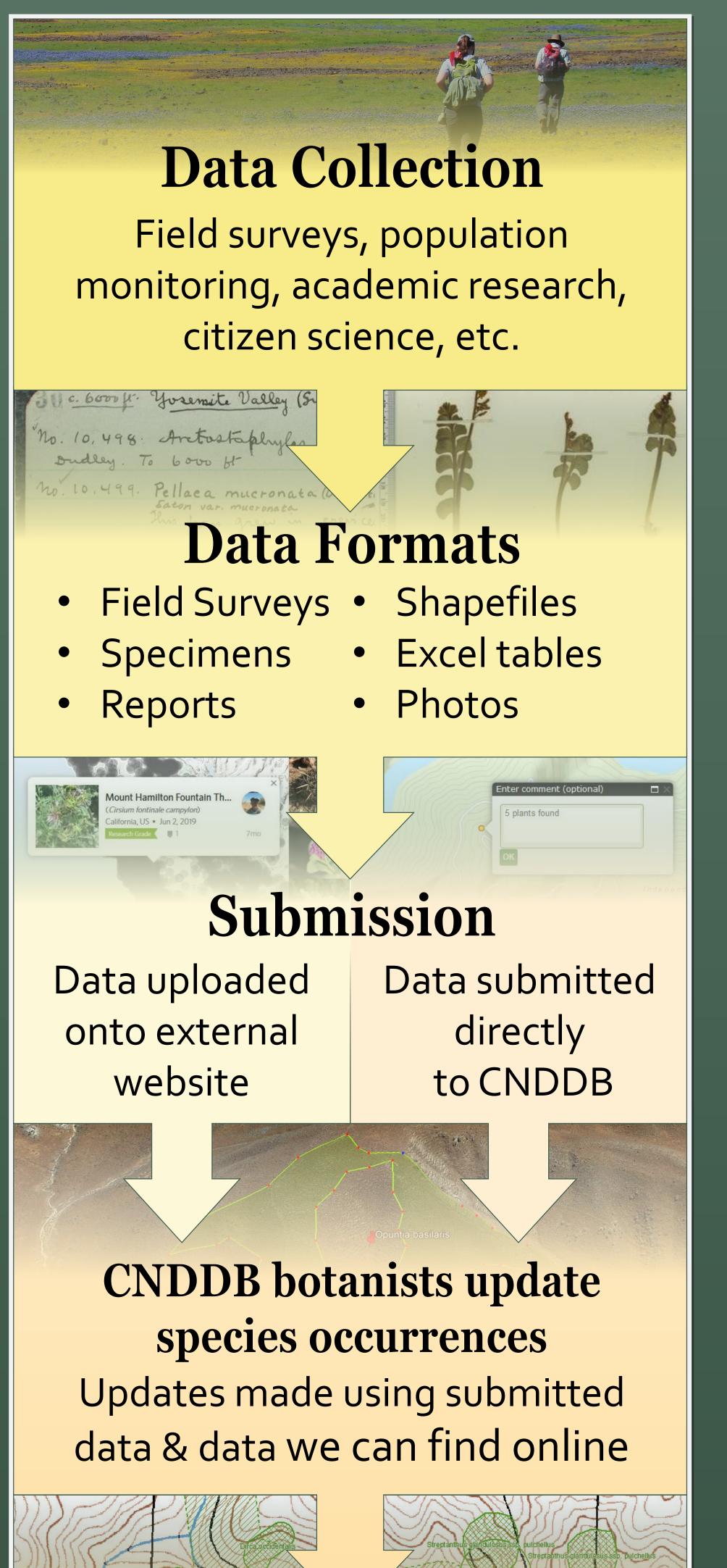








How does your data get turned into CNDDB data?



### **CNDDB** distribution

CNDDB data is packaged into monthly updates, distributed via Rarefind/BIOS and shapefiles