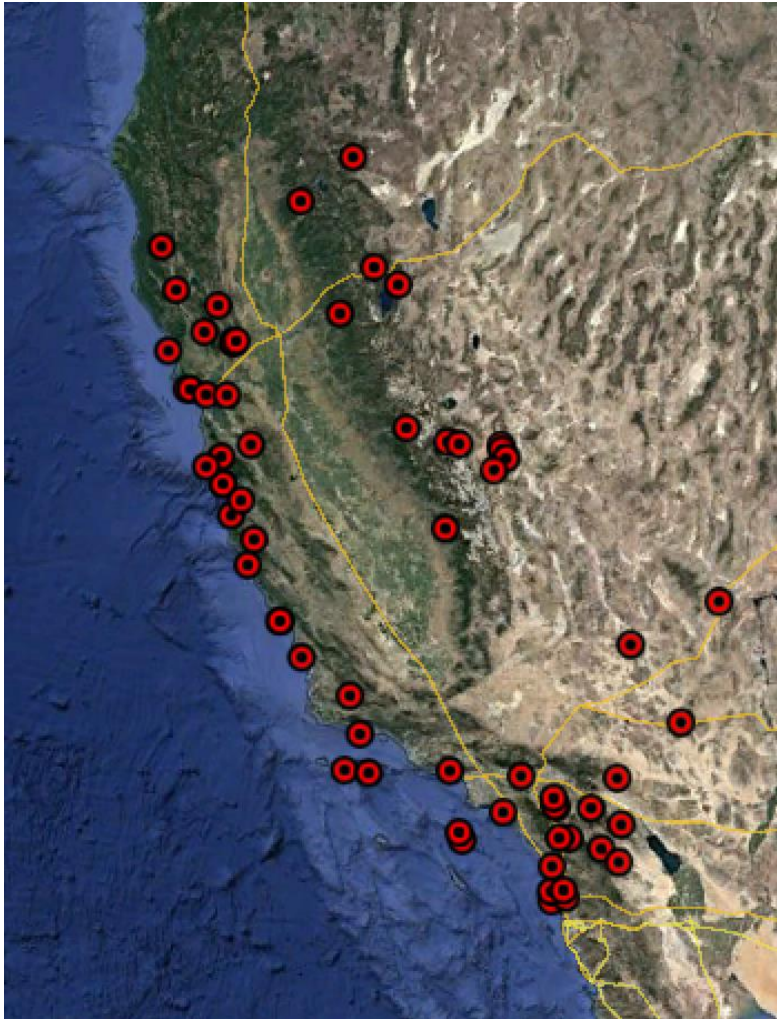


The California Plan: Pursuing an ADBC TCN

- Develop strategy and mechanism for digitization of small collections at field research stations
- Creation of training tools
- Creation of portable digitization stations
- Hire traveling team to support and complete field station digitization efforts
- Develop strategy for linking regional citizen science observation data to digitized field station collections data
- Creation and distribution of accessible datasets for these assets
- Creation of a mechanism for linking meteorology data to collections data

University of California Natural Reserve System & other California Research Stations



Temporal Resolution

- research station will have collected many specimens in the same location through time
- window into changes that local species have experienced over time

Ground-zero for Biological Collection

- making collections for the first time
- educating collectors on best practices for sharing data
- In the last 5 years the NRS has hosted 147,696 Users
 - 14,216 Research users
 - 46,463 University-level instruction users

The California Plan

Thematic Collections Network (TCN) proposal

two-to-four year award

digitize existing specimens based on particular research theme

Proposals for Partners to Existing Networks (PENs) if possible

Goals

Digitized collections integrated with environmental parameters

Insight into landscape-scale and larger ecology and global change processes



Polaroid Pro Table Top Photo Studio

- (Kit with 2 LED Lights, 2 Light Stands, 1 Tripod, 4 Color Backdrops, 3 Diffuser Screens, 1 Carry Bag)

Squeeze Tank (wet collections may be numerous in a coastal environment)

Labels 'Electronic Imaging Materials' (barcode labels for the Project)

Photo checker disk – color wheel to include in the image and Rulers

IPAD – Using Ipad as the camera and data entry device

- Goal is to maximize quantity of data and not worry about museum quality imaging



Software

Specify for Ipad

Filemaker Go and drop images directly into record

TeamViewer QuickSupport app to control Ipad over Laptop

Tripods

ManFrotto articulating arm and clamp

JOBY tripod to hold Ipad (use with a mounted metal plate)

Olloclip Lens for Ipad if needed to assist with focus on smaller specimens





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