

California Plant Rescue: Conserving botanical diversity through collections, monitoring, and research

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About us:

California Plant Rescue (CaPR) is a collaborative effort to prevent extinction of California's plant diversity. We make conservation collections (seeds and living plants) and gather information about wild populations to secure the future of California's native flora for future generations.

Goals:

Our long-term goal is to secure all of the California flora in seed banks or living collections. Our near-term goal is to conserve 75% of the rare and threatened species of California in established and secure regional conservation collections by 2020.



Calochortus fimbriatus (late flowered mariposa lily)
CRPR 1B.3

Safeguarding Wild Diversity

CaPR members promote seed banking as part of an **integrated plant conservation strategy**. This strategy entails:

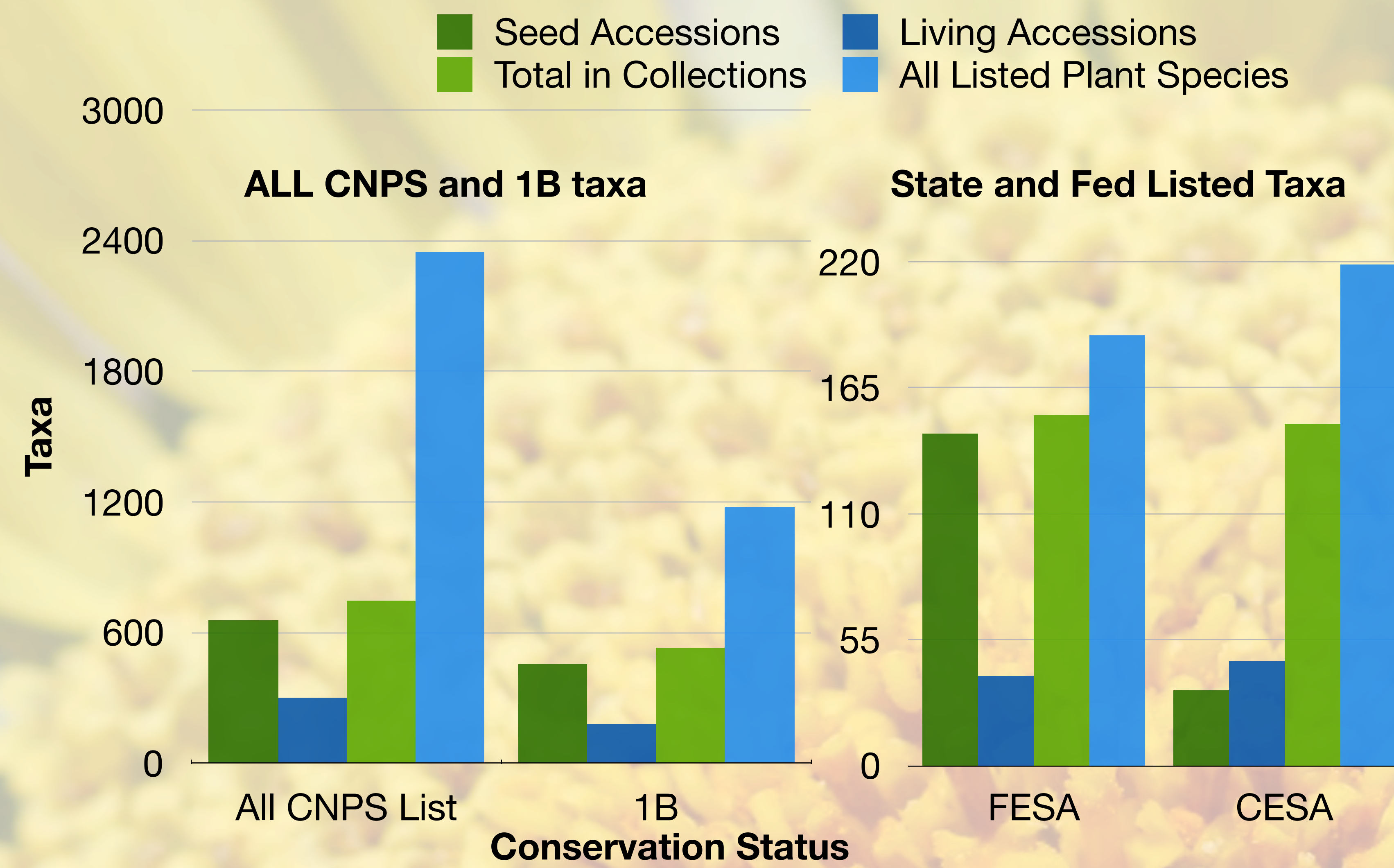
- Long-term conservation of living genetic material
- Monitoring wild populations
- Sharing data, expertise & tools
- Researching germination, propagation & out-planting
- Outreach and education



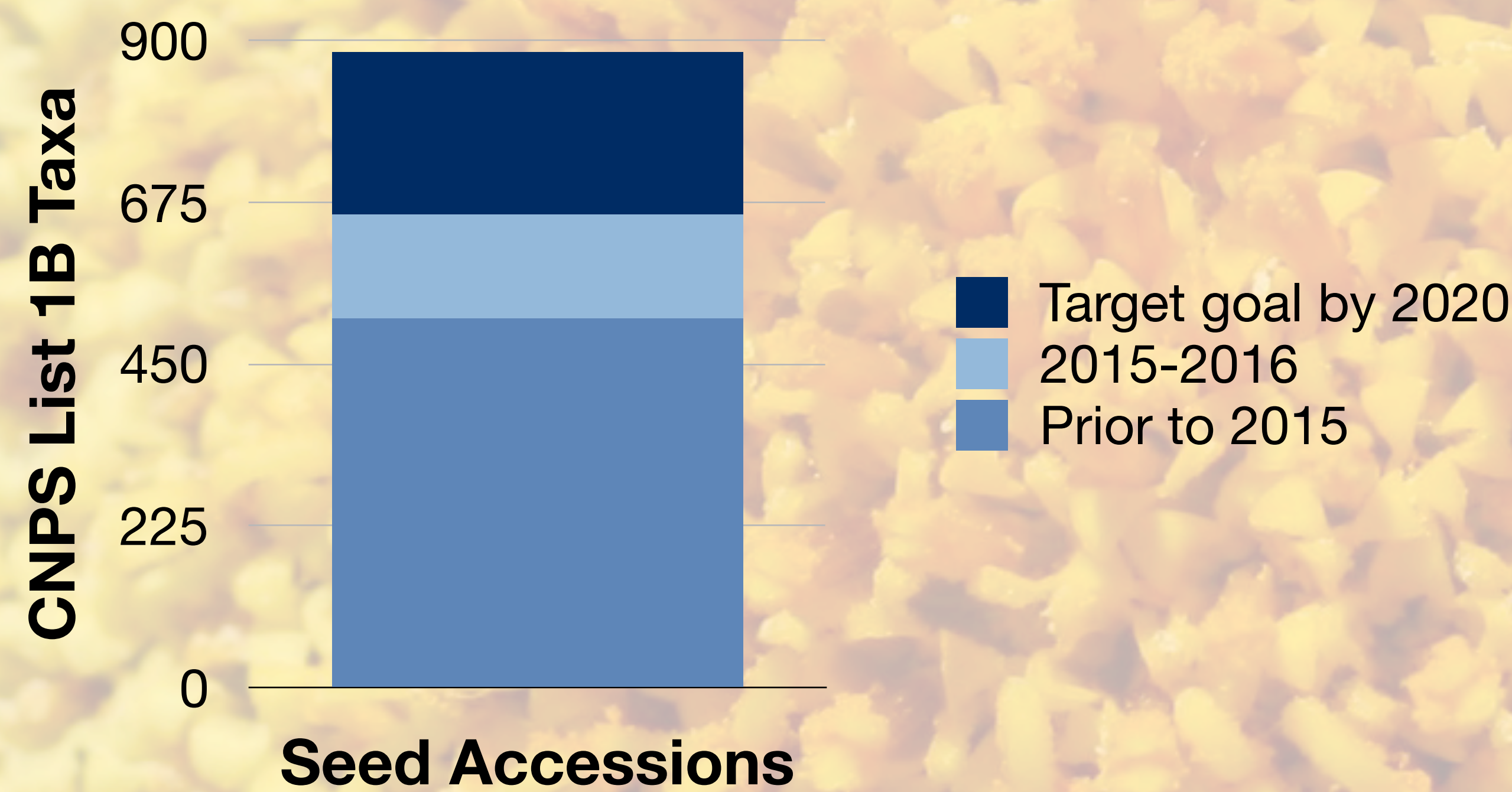
Duncan Bell collecting seeds of *Eriogonum microthecum* var. *panamintense* (Panamint Mountains Buckwheat; CRPR 1B.3) in Death Valley National Park

Collaborating Institutions

Achievements



Goal to secure 75% of rare plants by 2020



Search Conservation Collections

Calochortus albus			
Collected	Rancho Santa Ana Botanic Garden	Seed	1992
Collected	Rancho Santa Ana Botanic Garden	Seed	1994
Collected	Rancho Santa Ana Botanic Garden	Seed	1994
Collected	University of California Botanic Garden	Living	2014
Collected	University of California Botanic Garden	Living	2014
Collected	University of California Botanic Garden	Living	
Calochortus amabilis			
Collected	University of California Botanic Garden	Living	2013
Collected	University of California Botanic Garden	Living	2013

Our conservation collections are searchable on the web at <https://www.caplantrescue.org/>. All accessions from partner institutions of seed and living plants are included in the database.



Seeds of *Cercocarpus traskiae*

Collectively CaPR institutions have seed banked more than 58 million seeds of California native plants.

Building Capacity

Our progress towards rescuing the botanical diversity of California and Baja California is not measurable in species and plant taxa alone. We have also been working to build our membership and degree of collaboration by adding capacity to individual institutions. Our joint funding efforts have rewarded us with a Section 6 Recovery Grant through California Department of Fish and Wildlife and the U.S. Fish and Wildlife Service. We have built a database to better communicate our collection progress and changing priorities and targets. All of this helps us to work efficiently to conserve California's plants.



Erythranthe rhodopetra (Red Rock monkeyflower)
CRPR 1B.1

Education and Outreach

CaPR's goals include information sharing and providing continuing education to professionals and engaged citizen scientists. CaPR has developed workshops relating to best practices in plant and seed conservation.

How can you help?

- Support CaPR and any of our partner institutions
- Sponsor a seed collection
- Volunteer at a partner institution
- Share your expertise

Funders and Support

We are grateful to the following organizations for supporting CaPR efforts at our collaborating institutions.

- Bureau of Land Management
- California Department of Fish and Wildlife
- Center for Plant Conservation
- Conrad Schlum Charitable Trust
- Dean Witter Foundation
- Mary A. Crocker Trust
- Massen Greene Foundation
- Millennium Seed Bank Partnership
- National Lab for Genetic Resources Preservation
- Jiji Foundation at International Community Foundation
- Ray Collett Trust
- U.S. Fish and Wildlife Service
- Land Management Agencies for permission to collect.

