



North Shore Sugar Pine Restoration for Mountain Pine Beetle Outbreak Recovery

Project Number 02.02.01.0017
Action Priority Restore Native Vegetation and Forest Communities
Implementers UC Davis Tahoe Environmental Research Center
Supporting Agencies California Tahoe Conservancy, Tahoe Fund
Primary Contact Patricia Maloney (pamaloney@ucdavis.edu)

Stage Completed
Duration 2017 - 2021
Total Project Cost \$100,000
Funding Request \$0

Forest Restoration Program ➤ Restore Native Vegetation and Forest Communities

Our project will collect seedlings from 100 local and diverse sugar pine trees from Crystal Bay to Tahoe City for reforestation and mountain pine beetle outbreak recovery. Five years of drought has resulted in significant mountain pine beetle-mediated mortality in sugar pine trees on the north shore of Lake Tahoe. We will collect and cultivate sugar pine seed and seedlings in 2017-2018 so that in 2020 2-year old seedlings can be out-planted at north shore restoration sites at Tahoe Vista (USFS, CTC Lands), Carnelian Bay (USFS, CTC Lands), Dollar Hill (CA State Parks and CTC lands), Tahoe City (USFS and CA State Park Lands), and Crystal Bay (NV State Lands and USFS), and private landowner's.

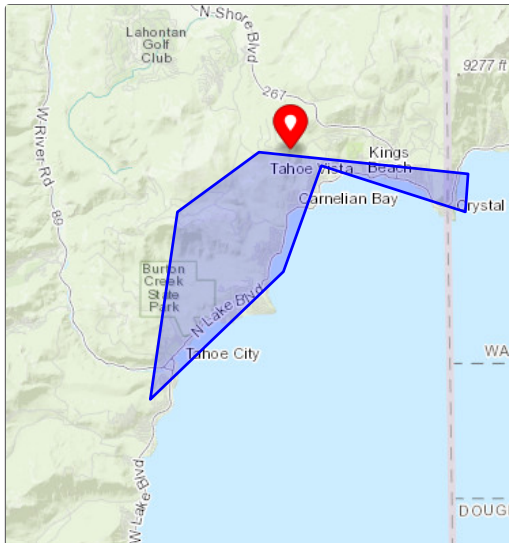
Targeted Performance Measures

- Acres of Habitat Restored or Enhanced

Threshold Categories

- Vegetation Preservation

Location



Contract cone collector, Tom Burt, using a big shot to collect sugar pine cones on Lake Tahoe's north shore.

Targeted Funding

- Secured Funding: California Tahoe Conservancy (CTC), \$67,000
- Secured Funding: Tahoe Fund (Tahoe Fund), \$33,000

Photos

During



Line on a sugar pine limb to collect cones.



Newly constructed lath house at the UCD Tahoe City Field Station. Sugar pine seedlings will be maintained in this lath house till out-planting for reforestation.



Planting at Crystal Bay 3



Planting at Crystal Bay 2



Planting at Crystal Bay 1



CCC and UCD planting sugar pine in Tahoe Vista November 2019