Seed and Nursery Production
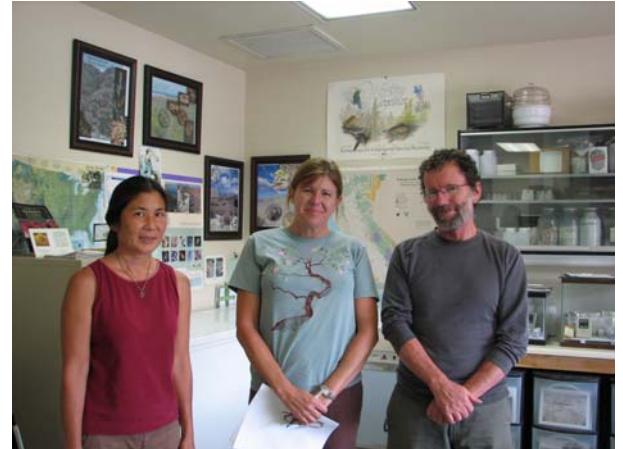
Accomplishments

The goal of this project is to have a reserve of native plant seed and container stock available for use in revegeting small disturbed areas and to document the results.

The original proposal is to develop a system to collect and store seeds from native plants, which could be used in areas disturbed by storm damage and subsequent construction. Native plant seed applied to select slopes would decrease future erosion, improve wildlife habitat, and compete with noxious weeds, decreasing the chance of 'type conversion' to non-native herb habitat types. Under this proposal, seed collection would occur within 10 miles and 1000 vertical feet of the significant storm damage areas, maintaining natural genetic diversity without sacrificing local adaptation.

This year the main accomplishment included negotiating and finalizing a Participating Agreement with Rancho Santa Ana Botanic Garden (RSA). Through this partnership, nursery space and seed collection storage area have been established. This varies from the original proposal because at first, the bulk seed and plants would be stored on National Forest lands. Through this change RSA is contributing $7540, nursery/seed storage space and plant propagation guidance. This change was made to gain the highest chance of seed viability and obtain the largest number of container plants and pounds of seeds. In addition, this increases the project outreach to include RSA and Forest Service volunteers and RSA staff.

The next step will be organizing an initial volunteer effort for seed and cutting collection trip to select locations!

The Staff at RSA holding the signed agreement

Year Awarded: 2007

Project completion: 2009

Report number: 1 of 3

Expenditures:
- FY07 funding: $41,400.
- Expend: $ 800.
- Remaining: $40,800. (previously obligated)

Partners/Contractors/Coop: Rancho Santa Ana Botanic Garden
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