

Developing Native Plant Materials for Southern California Ecoregions

2009 Accomplishments

This project was initiated in 2007 to develop a list of species of primary importance for native plant seeding and revegetation projects in southern California (Figure 1) and to develop plant profile tables with information on each species. A facilitated workshop in January 2008 brought together fifty professionals from federal and state agencies, resource conservation districts, land conservancies, seed companies, universities, research centers, and restoration companies to develop criteria for species inclusion and a preliminary list of species. Project accomplishments were reported with two conference presentations and an article for a professional society newsletter in 2009.

We have been collating information on over 30 species (e.g., Figure 2) and drafting plant profiles for posting on the web. The profiles contain ecological, taxonomic, and genetic information to help botanists and land managers determine collection protocols and seed deployment strategies, as well as details about seed biology and plant culture. This information will help plant materials developers and growers produce seeds in a way that reduces the chance for unintentional selection, loss of genetic diversity, or cross contamination of seed resources. Information will be presented in a tabulated format similar to that found in the Umatilla National Forest's *Native Plant Notebook* (www.fs.fed.us/r6/uma/native/index.shtml).



Figure 1. Native seed and plant materials can be used to rehabilitate dozer lines after wildfire, among other projects.



Figure 2. Coastal goldfields, *Lasthenia californica*, one of the species identified as useful in our project workshop and for which a plant profile is being developed.

Year Awarded: Initial award in 2007

Project completion: 2010

Report number: 3 of 4

Expenditures (2009): \$56,000

Partners/Contractors/Cooperators: PSW-Riverside Forest Fire Laboratory, Riverside-Corona Resource Conservation District; USDA Resource Conservation Service



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