

# Native Plant Materials Propagation on the Eldorado National Forest

## 2011 Accomplishments

This project was developed to obtain native plant material from local genetic stock on the Eldorado National Forest. The materials will be used for stream bank stabilization, erosion control, and rehabilitation of burned areas, disturbed areas within fuel reduction projects, recreation sites including developed and dispersed camping, areas with unauthorized OHV use, and traditional gathering areas. Eldorado NF staff from multiple discipline areas identified 28 potential projects areas where native plants were needed for the fall 2011 through 2013. At least three projects expect to be initiated during the fall of 2011.

In 2011, the Eldorado National Forest and the Placerville Nursery collected seed and initiated production activities, including planting increase blocks (Figures 1 and 2). Twenty-eight collections of forbs and shrubs were completed in FY2011. Local trained volunteers assisted in collection of target species (grasses, sedges, rushes, forbs, trees, and shrubs).

Propagation work at the R5 Placerville Nursery (PN) includes sedge, rush, grass, forb, mountain alder, blue elderberry, and black oak stock. Various shrub and forb seedlings are being sown for future plantings.



Figure 1. Increase blocks of 2010 native plant collections at Placerville Nursery, California.



Figure 2. Increase blocks of 2010 native plant collections at Placerville Nursery, California.

Year Awarded: FY2011

Project completion: FY2011

Report number: 1

Expenditures (FY2011): \$21,000

Partners/Contractors/Coop: California Native Plant Society, El Dorado Chapter; Trout Unlimited, Sac-Sierra Chapter; Community Members including Tribes; Contractor



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