

Ski Slope Native Plant Revegetation Project, Humboldt-Toiyabe NF in Coordination with the Lake Tahoe Basin Management Unit, Eldorado NF, Tahoe NF, San Bernadino NF and Inyo NF.

2009 Accomplishments

This project was jointly initiated in 2009 by FS Regions 4 and 5. The objective is to develop seed mixes for ski run revegetation which include appropriate, local, native plants. Nine ski resorts located on six national forests are participating in the project. The goal of the project is to develop a native seed mix for each of the resorts that will perform as well or better at establishing vegetative cover and reducing erosion than the current non-native erosion control mixes used. The project will provide seed collection sites for the native plants used successfully in revegetation of ski slopes. The project was funded by grants from both FS Regions.

- **CESU was established with UC Davis to work with Jennifer Burt on project design and seed mix development.** 21 native plant species were selected based on the known occurrence and cover values greater than 10% on Sierra Nevada ski slopes.

- **Plots were established at each of the nine resorts.** A protocol for plot establishment, planting, and data collection was developed

- **An agreement was established with UC Berkeley Botanic Garden to collect seed for the project.** Each forest provided seed collection sites. UCB started collections in 2009 with completion anticipated in 2010.

- **Integrated Environmental presented a workshop on sediment source control to FS and ski resort personnel.** The workshop highlighted the importance of soil amendments for revegetation. Each ski resort agreed to finance and incorporate soil amendments within the plots.

- **An agreement was established with Placerville nursery to test and store seed.**



Figure 1: Graded section of Upper Bonanza Run, Mt. Rose Ski Resort, Humboldt-Toiyabe NF



Figure 2: Mike Jennings and Katie Heard collecting baseline data on a cleared ski run on Heavenly Ski Resort Lake Tahoe Basin Management Unit.



Humboldt- Toiyabe NF
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Year Awarded: initial award in 2009
Project completion: 2013

Report number: 1 of 5

Expenditures (FY09): 29,500 Region 4 award

Partners/Contractors/Coop: UC Davis, UC Berkley Botanic Garden, Placerville Nursery, Integrated Environmental, Ski Resorts: Mt Rose Ski Tahoe, Sierra at Tahoe, Kirkwood, Alpine Meadows, Mammoth Mountain Ski Area, Bear Mountain, Snow Summit, Snow Valley. Heavenly.

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