

Rehabilitation in the Western Jurassic Ecological Subsection

Six Rivers and Klamath National Forests, Region 5

2009 Accomplishments

From 2006 through 2008, grass seed was collected from *Elymus glaucus* stands in the Western Jurassic Ecological Subsection. Seed was sent to J. Herbert Stone Nursery in Oregon where 26 pounds of seed, representing 4 seed lots (low and high elevation stands), yielded 1358 pounds of seed over a two year period. A portion of the seed (2.1 pounds) was grown out at the Hoopa Tribal Nursery yielding 2553 grass plugs. The remaining seed is in storage on Six Rivers National Forest.

Revegetation Study Monitoring Results:
Grass seed and grass plugs (400) were planted in fixed plots along a Forest Service road decommissioned by the Karuk Tribe. Results varied depending on the plot due to variations in slope which caused some erosion across the grass seed plots and peripheral shading. Average % survivorship of grass plugs after two years of monitoring with a 88.6% survival rate. Cover by grass plugs increased in one plot from 10 to 17% and decreased in another from 10 to 4%. Plots with direct seeding showed a decreased in seedlings over two years. Monitoring report of 2010 will summarize results and effectiveness.



MKWC Monitoring Fixed Plots

Year Awarded: 2006

Project completion: 2010

*Plugs planted Fall of 2008.

*Grass seed produced Fall of 2008.

*Grass seed planted by Fall 2011.

*Additional plugs planted by Fall 2011

Report number: (2 of 3)

Expenditures (2009):

Partners/Contractors/Cooperators:
J. H. Stone Nursery, Tsemeta-Hoopa
Tribal Nursery, Karuk Tribe, Mid
Klamath Watershed Council



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