

Siuslaw National Forest

2010 Native Plant Material Accomplishments

In 2010 native plant efforts on the Siuslaw National Forest focused on the collection and increase of grass, forb and sub-shrub species that are key components of coastal meadow habitat required by Oregon silverspot butterfly, a federal threatened species.

Another area of focus was the continued development of native seed mixes to enhance upland meadow for those species that require early-serene habitat.

New Foundation Seed Collected:

- 12 lbs. *Roemer's fescue* (*Festuca idahoensis* ssp. *roemerii*)
- 12 lbs. blue wildrye (*Elymus glaucus*)
- 10 lbs. Alaska brome (*Bromus sitchensis*)
- 5 lbs. rosy deer vetch (*Lotus aboriginus*)
- 10 lbs. edible thistle (*Cirsium edule*)
- 8 lbs. slough sedge (*Carex obnupta*)
- 1 lb. water foxtail (*Alopecurus geniculatus*)
- 1 lb. California oatgrass (*Danthonia californica*)
- 4 oz. early blue violet (*Viola adunca*)

New Contracts Awarded and Funds Obligated:

- 800 lbs. sand fescue (*Festuca amobia*)
- 1200 lbs. Alaska brome (*Bromus sitchensis*)
- 800 lbs. *Roemer's fescue* (*Festuca idahoensis* ssp. *roemerii*)

Restoration Project Implementation:

In cooperation with the Natural Resources Conservation Service Corvallis Plant Materials Center, US Fish and Wildlife Service, the Oregon Coast Aquarium, the Oregon Zoo, and a number of volunteer groups, an estimated 10,000 plugs were grown and planted in support of restoration efforts for the Oregon silverspot butterfly. Species included the butterfly's host plant, *Viola adunca*, preferred nectar sources *Aster chilensis*, *Achillea millefolium*, *Solidago canadensis*, *Anaphalis margaritacea*, and *Tanacetum douglasii*, as well as other habitat components *Lotus aboriginus*, *Fragaria chilensis*, and *Trifolium wormskjoldii*.



Figure 1. Volunteers planting forbs in Oregon silverspot butterfly habitat restoration area .

Year :	2010
Expenditures:	\$53,500 Total
	\$22,000 (ARRA)
	\$11,100 (NFVW)
	\$10,500 (CWFS)
	\$ 4,900 (NFWF)
	\$ 3,000 (NFN3)
	\$ 2,000 (WFV3)

Partners/Contractors: USFWS, NRCS Corvallis Plant Materials Center, Oregon Coast Aquarium, Oregon Zoo, Siuslaw Soil and Water Conservation District, Celia Headley, Benson Farms, Western Reclamation.

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Figure 2. Restored coastal meadow habitat shown in Figure 1 following the establishment of native grass (*Festuca amobia*) .



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