

Coastal Meadow Native Seed Increase

Siuslaw National Forest FY 07 Accomplishments

Project objective is to develop a source of native seed for use in the restoration of coastal meadow habitat. Target restoration sites are critical habitat for the Oregon silverspot butterfly, listed as threatened.

In FY 2007, collections of red fescue (*Festuca rubra* var. *littoralis*), Douglas' aster (*Aster subspicatus*), coastal mugwort (*Artemisia suksdorfii*), yarrow (*Achillea millefolium* var. *californica*), and meadow goldenrod (*Solidago Canadensis*) were made. Field sowing began in September at the NRCS Plant Materials Center in Corvallis, OR.

Seed from field sowings will be harvested beginning in 2008. Target restoration sites are largely dominated by non-native, invasive grasses and forbs. Species selected for seed increase are preferred by Oregon silverspot for nectaring, or are a dominant component of native coastal meadow habitat.

These efforts are in conjunction with US Fish and Wildlife which is also contributing funding and seed for coastal meadow habitat restoration.



*Oregon silverspot butterfly nectaring on
Canada goldenrod.*



Seed increase fields at Corvallis PMC. Seeds shatter onto fabric and are harvested by vacuuming or sweeping the surface..

Year Awarded: 2007

Project completion: (2009)

Report number: (1 of 2)

Expenditures:

- FY07 funding: \$19,000
- Expend: \$15,000
- Remaining: 4,000

Partners/Contractors/Coop:

Natural Resources Conservation Service, US Fish and Wildlife Service, Contractors

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