

Ochoco National Forest and Crooked River National Grassland Botany Program

2010 Accomplishments

Threatened, Endangered and Sensitive Plants:

- Botanical analysis** – Completed 8 Biological Evaluations, providing support for a variety of projects by participating on Interdisciplinary Teams, conducting field surveys, and completing botanical analysis. Entered data into national database NRIS TESP-Invasives.
- Rare plant surveys** on Crooked River National Grassland found new occurrences of Peck's penstemon (*Penstemon peckii*), woven spore lichen (*Texosporium sancti-jacobi*), and the very rare lichen *Rhizopogon diploschistorum* (a species new to science). Paulina District located a new occurrence of scalloped moonwort (*Botrychium crenulatum*).
- Conservation planning** -- On-going internal reviews of Conservation Assessment for Henderson and Wallowa needlegrasses (*Achnatherum hendersonii* and *A. wallowaensis*) and Peck's mariposa lily (*Calochortus longebarbatus* var. *peckii*) Conservation Strategy.
- Monitoring** – Monitored 3 known scalloped moonwort sites, 1 Mingan moonwort (*Botrychium minganense*) site, 1 Ochoco lomatium (*Lomatium ochocense*) site, 2 Henderson needlegrass sites, and 2 moss sites (*Helodium blandowii* and *Tomentypnum nitens*).

Unique Plants and Habitats:

- Wetlands** – As part of integrated resource teams, provided botanical expertise in development and testing National Groundwater Dependent Ecosystem monitoring protocols.
- Other Special Habitats** – Initiated an inventory of cottonwoods and aspens on Crooked River National Grassland. Inventories will continue in FY11.



Figure 1. Botanists surveying Crooked River National Grassland for the sensitive "woven spore lichen" (*Texosporium sancti-jacobi*). Surveys located occurrences of this and several other rare species.



Figure 2. A Conservation Strategy is being prepared for Peck's mariposa lily (*Calochortus longebarbatus* var. *peckii*), a species endemic to Central Oregon. Photo by John Hutmacher.



Figure 3. *Helodium blandowii* and *Tomentypnum nitens*, are rare mosses found in fens on the Ochoco NF. Photo by Rick Dewey, 2010.

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Total NFWF Funding = \$23,870

Acres Accomplished: About 1,400 acres were inventoried for sensitive plants funded by WFHF, NFVW, and NFIM. 20 acres of sensitive plant habitat were monitored with NFWF funds.

Partners/Contractors/Coop: Prineville Bureau of Land Management.

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