

Mt. Baker-Snoqualmie National Forest

2013 Botany Program Accomplishments

Rare Plant Conservation and Monitoring

MBS continued our partnership with U of Washington's RareCare program and thanks to their excellent work we were able to accomplish monitoring of arctic aster, boreal bog sedge, stalked moonwort, and small northern bog orchid. The N Zone botanist monitored boreal jewelweed, black lily, goblin's gold moss, round-leaved orchid, and Rainier speckleberry lichen (*Pseudocypbellaria rainierensis*).

Perspective from Another Region.

From mid-March to mid-August 2013 the Forest Botanist served as Acting Southwest Regional Botanist (Region 3). Among other things, she



helped address complex management issues for several Threatened or Endangered species including the Sacramento prickly poppy, Holy Ghost Ipomopsis, and Kunzler's hedgehog cactus.



Dealing with feral hogs, wildfires, and grazing certainly provide different management challenges than those we face on the Mt. Baker-Snoqualmie National Forest!

Extra-Curricular Activities for Safety.

Our Invasive Plant Specialist chaired the S.O. safety committee and the N Zone Botanist served as district rep. Meanwhile the Forest botanist got rave reviews for self-defense workshops she taught for the trail crew of our partner Mountains to Sound Greenway Trust, and for MBS "front-liners".

Project Support. In 2013 the N and S Zone Botanists completed about 40 surveys and biological evaluations for a wide variety of projects including timber sales, fish passage, flood repair, geothermal, hydroelectric relicensing, ski area management, riparian restoration, wetland mitigation, recreation and trails, and lands & minerals. In addition, the N Zone Botanist played a key role conducting pre-implementation monitoring for thinning treatments in the Finney Adaptive Management Area.

New Finds. The South Zone Botanist found the Survey and Manage (S&M) lichens *Peltigera pacifica* and *Platismatia lacunosa* on the Otter Falls trail re-route.

In a stroke of efficiency, the botany survey was conducted with the trail specialist *in-situ*, so an alternate route could be determined together in the field. The North Zone Botanist found 5



new populations of round-leaved orchid, 2 new populations of the S&M lichen *Cetrelia cetraroides*, a new population of the S&M lichens *Lobaria linita* var. *tenuir*, and *Pseudocypbellaria rainierensis*, and a new population of Goblin's gold moss (*Schistostega pennata*).

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TES Plant Inventory was funded variously by NFTM, CMRD, CMTL, NFVW, NFWF, NFLM, RAC job codes, and Special Use Permit Agreements.

Check out the MBS Botany Program on our website!
<http://www.fs.fed.us/r6/mbs/about/botany-program.shtml>

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