Mt. Baker-Snoqualmie National Forest

2013 Native Plant Material Accomplishments



Figure 1. Seed production beds of fringecup and piggyback covered with rebar fencing and bird netting.

On-going Seed Increase and Plant Propagation. We continue to grow-out a variety of native plant materials. In FY13, we used allocated funds to maintain our experimental grow-out effort at Fourth Corner Nursery in Bellingham, to produce seeds of piggyback (*Tolmia menziesii*), fringecup (*Tellima grandiflora*), and goatsbeard (*Aruncus dioicus*). These species have not been used before for large scale seed-increase so we are still getting baseline data on whether it's feasible to produce large quantities of seed from them. Progress has been slow but steady. Plants germinated but no seed was produced in 2012. In 2013, mature plants began to flower and set seed! Deer managed to eat all the seed-heads of the goatsbeard but measures are now in place to prevent this (Figure 1). About 1.25 of fringecup were harvested and 5.5 pounds of piggyback. We're hopeful that there will be a several-fold increase in 2014 but time will tell.

- **Native Plant Restoration at Gold Creek Pond Wildlife Viewing Area Continues to Grow.** In partnership with Conservation Northwest, MBS Botanists helped staff several large work parties to install native willows cuttings, plant several thousand wild strawberries that were grown from stock collected on site, remove invasive species, and mulch our new plantings with weed-free straw.

- **Native Plant Revegetation Plans** were completed in 2013 by the North Zone Botanist for a salmon spawning beach decommissioning project as part of the Baker Hydroelectric Relicensing Project, and the Kaaland land Acquisition project.

- **Native Plant Restoration at Harlan Meadow Continues to Grow.** In 2013, Tulalip Indian Tribe reaped the fruit (rooted stock) of our collective labor from 2011 and 2012 that had been propagated by N Cascades National Park and installed a variety of subalpine native species in Harlan meadow.

- **In 2013 MBS Botanists got to spend time in the field** harvesting seeds of Merten's sedge, blue wildrye, goatsbeard, drooping woodreed, and large-leaved avens. These were sent to Bend Seed Extractory for cleaning and provide new foundation seed for grow-out in 2014.

Year Awarded: 2013
Expenditures:

	$10,000 (NFVW)
	$20,000 (NFTM)
	$13,425 (SRS2)
	$43,425 total

Partners/Contractors/ Cooperators: Conservation Northwest, Defenders of Wildlife, WA Native Plant Society, Microsoft, EarthCorps, Mobilize Green, J. Herbert Stone Nursery, Couer d'Alene Nursery, Judd Creek Nursery, WA Association of Conservation Districts, Karma's Forest, Fourth Corner Nursery, Mountaineers Naturalists, Central Washington University, Kulshan Kids, North Cascades Wild, N Cascades National Park, Tulalip Indian Tribe, Whatcom County Corrections Crew.

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