

Upper Snoqualmie and Alpine Lakes Weed Watchers



2013 Accomplishments

Training and Outreach

Full day classroom and field training held jointly with the Mountaineers Wilderness Weed Watchers at the Mt. Baker Snoqualmie Ranger Station in North Bend.

- Total attending training class: 29
- Number of new Upper Snoqualmie/Alpine Lakes volunteers signed up: 13

Two weed survey group hikes for further field training, one in the Middle Fork area on the new Pratt River Connector Trail, and the other on Ira Spring Trail to Mason Lake. Both training hikes included plenty of team-building time pulling herb-Robert and other fun weeds.

- Number participating in group surveys: 20

Volunteer Contributions and Achievements

Number of Volunteers	18
Number of Trails and Sites Surveyed	34
Number of Agencies Supported (KCNWCP, USFS, WA DNR, WA Parks)	4
Survey Days	47
Miles Surveyed	129
Acres Surveyed = (#miles* 5280ft) * (3ft*2 sides) * (1 acre/43560 sq ft)	94
Miles Controlled	77
Acres Controlled = (#miles* 5280ft) * (3ft*2 sides) * (1 acre/43560 sq ft)	56
Number of weed data points reported	232
Number of weed species reported	34
Volunteer Hours	589
Travel Miles	1292

Trails and Areas Surveyed for Invasive Plants

- Annette Lake Trail
- Asahel Curtis Nature Trail and Picnic Area
- Bandera Mountain Trail
- CCC Road-Trail - USFS Section
- Commonwealth Creek Trail
- Denny Creek Trail
- Franklin Falls Wagon Road Trail
- Gold Creek Pond Loop Trail
- Granite Creek Road-Trail
- Grouse Ridge Area
- Ira Spring Trail (Group Hike)
- Lake Lillian
- Lake Margaret Spur
- Little Si Trail and Trailhead
- Mail Box Peak Road
- Marten Lake Trail
- McClellan Butte Trail
- McClellan Butte Trail - section that overlaps John Wayne Pioneer Trail
- Middle Fork Oxbow Trail
- Middle Fork Road-to-Trail
- Middle Fork Snoqualmie River
- Middle Fork Trail
- Mount Washington Trail
- Olallie Lake Trail
- Old Cascade Crest Trail
- Pratt Lake Trail and trailhead
- Pratt River Connector Trail (Group Hike)
- Quartz Creek Road 5640
- Rainy Lake Trail
- Rattlesnake Mountain Trail
- SE 92nd St Trail
- Snoqualmie Point Park
- Snow Lake Trail
- Taylor River Trail
- Twin Falls Trail (including John Wayne Trail Overlap)



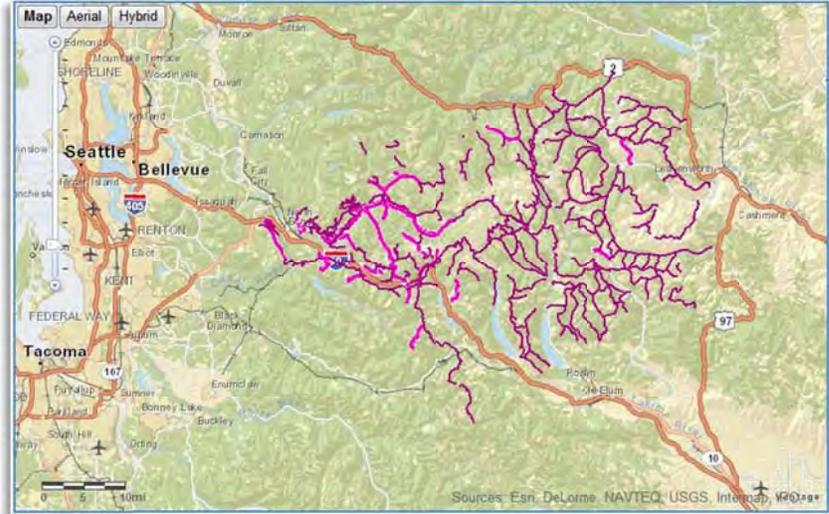
Weed Species Mapped

Common Name	Scientific Name	Total Area (square feet)	Number of Sites	Common Name	Scientific Name	Total Area* (square feet)	Number of Sites
bugleweed	<i>Ajuga reptans</i>	100	1	oxeye daisy	<i>Leucanthemum vulgare</i>		1
butterfly bush	<i>Buddleia davidii</i>	10,010	3	wall lettuce	<i>Mycelis muralis</i>		1
hedge bindweed	<i>Calystegia sepium</i>	50	1	reed canarygrass	<i>Phalaris arundinacea</i>		1
spotted knapweed	<i>Centaurea stoebe</i>	36	3	narrowleaf plantain	<i>Plantago lanceolata</i>		2
bull thistle	<i>Cirsium vulgare</i>	3	2	greater plantain	<i>Plantago major</i>		2
Scotch broom	<i>Cytisus scoparius</i>	1,545	4	Bohemian knotweed	<i>Polygonum bohemicum</i>	1	1
wild carrot	<i>Daucus carota</i>		1	selfheal	<i>Prunella vulgaris</i>		2
foxglove	<i>Digitalis purpurea</i>	1,069	6	creeping buttercup	<i>Ranunculus repens</i>	1,049	5
herb Robert	<i>Geranium robertianum</i>	19,387	28	Himalayan blackberry	<i>Rubus armeniacus</i>	6,805	8
English ivy	<i>Hedera helix</i>	5,561	28	evergreen blackberry	<i>Rubus laciniatus</i>	1,101	12
orange hawkweed	<i>Hieracium aurantiacum</i>	20,020	2	broadleaf dock	<i>Rumex obtusifolius</i>		1
common velvetgrass	<i>Holcus lanatus</i>		2	tansy ragwort	<i>Senecio jacobaea</i>	9,235	16
common St. Johnswort	<i>Hypericum perforatum</i>		2	common tansy	<i>Tanacetum vulgare</i>		1
hairy cat's ear	<i>Hypochaeris radicata</i>		1	dandelion	<i>Taraxacum officinale</i>		2
English holly	<i>Ilex aquifolium</i>	39,717	81	white clover	<i>Trifolium repens</i>		2
yellow archangel	<i>Lamiastrum galeobdolon</i>	125	2	veronica	<i>Veronica officinalis</i>		1
nipplewort	<i>Lapsana communis</i>		2	other	<i>Name in survey notes</i>	1	2

* Total area of infestation was recorded for high priority species only unless weed location was within a wilderness boundary.

Weed Watcher App and Trail Map

Thanks to the work of the King County GIS staff, volunteers could view and adopt trails on an online trail map, which also shows the weed data collected the previous year. In addition, the volunteers could enter, edit and view their survey data online through the Weed Watcher application at <https://green.kingcounty.gov/weedwatcher/trail.aspx>. We will continue to develop and add to the trail map and the application to improve the experience of the volunteers and to allow for agencies to easily access the data collected by the volunteers. This map helped us make progress towards our goal of facilitating the communication between volunteers and agencies in order to stop the spread and reduce the impact of invasive weeds in the wilderness and recreation areas.



Next Steps and Future Plans

In 2014, we will continue to help our volunteer weed watcher group grow through training and recruitment, and to support and help the public agencies and organizations who are working so hard to protect the Upper Snoqualmie and Alpine Lakes Wilderness from the impacts of invasive plants.

Partners and Friends:

- Mountains to Sound Greenway
- The Mountaineers
- Mt. Baker Snoqualmie National Forest
- Okanogan-Wenatchee National Forest
- Washington State Parks
- Washington Department of Natural Resources
- Washington State Department of Transportation
- King County Parks
- King County Roads
- Earth Guard, Inc.
- Friends of the Trail



Sasha Shaw

King County Noxious Weed Control Program

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