

Chippewa National Forest

2013 Invasive Species Accomplishments

The Chippewa National Forest (CNF) continued to focus our Non-native Invasive Species (NNIS) program on prevention and control of high priority invasive species or areas of past work. Most lands managed in the CNF are part of the Leech Lake Reservation, and the Leech Lake Band of Ojibwe (LLBO) is our primary partner with invasive species management.

Continued control of garlic mustard

In 2013, the CNF continued its effort to control an isolated area of garlic mustard, which is a high priority for the Forest and LLBO. YCC workers hand pulled garlic mustard across scattered infestations on about 78 acres near the south shore of Leech Lake.



YCC workers pulling garlic mustard in Leech Lake Area

Biocontrol Control of Spotted Knapweed and Purple Loosestrife

The Forest began biocontrol for control of spotted knapweed in 2011. In 2013, the Chippewa continued to release insects in roadside infestations and in gravel pits. We also released beetles on NFS lands for control of purple loosestrife at two sites.

- Released 2730 knapweed seed head weevils
- Released 2310 knapweed root boring weevils
- Released 3780 purple loosestrife beetles

Purple Loosestrife Partnership

We continued our partnership with Itasca Waters Legacy Partnership (IWLP) in 2013 to perform surveys,

control actions on purple loosestrife sites, and conduct boat landing surveys for aquatic invasive species.

- Collected 67,150 purple loosestrife beetles and relocated/released to lakes and streams in county
- Release sites at 10 new lakes & 3 rivers/streams
- Herbicide treatment at 6 new sites
- Surveys/monitoring for purple loosestrife at 45 lakes or streams, with 20 lakes free of loosestrife
- 19 highway sites resurveyed and 5 new sites surveyed, with no loosestrife found at 8 sites
- Boat Landing Surveys conducted at 8 lakes, 112 boats & 238 boaters informed about aquatic NNIS

Other Program Highlights

- Coordinated inventory/control work on garlic mustard & common buckthorn, including future herbicide use with the Leech Lake Band of Ojibwe, Division of Resource Management.
- Cooperator on the Strategic Plan for Itasca Co Cooperative Invasive Species Management Area (IC CISMA)
- Coordinated inventory/control work on spotted knapweed with the Ten Lake Township Weed Control, and the Itasca County Land Department

Estimated Acres of Invasive Species Controlled - 2013
Biocontrol – 150 ac, Hand pulling – 78 ac

Fund Code	Funding	Acres	Comments
NFWF	\$5,000		Faucet snail NEPA at W. Winnie Boat Launch
NFVW	\$40,895	228	NNIS plant control and management
Total	\$45,895	228 ac	
Partners/Cooperators: Leech Lake Band of Ojibwe Division of Resource Management, Itasca Waters Legacy Partnership, Itasca Co Cooperative Inv Spp Mgmt Area (IC CISMA), Ten Lake Township Weed Control, Itasca County Land Department and volunteers.			



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