

Wisconsin School Forest Garlic Mustard Monitoring



This project developed the infrastructure and training for teachers to launch a garlic mustard monitoring program on Wisconsin's school forests. A database was created on the Wisconsin NatureMapping website. Twenty teachers from across the state were trained on how to identify, collect data, and submit data on garlic mustard distribution via the NatureMapping website. The project served as a pilot to create a school forest monitoring network.

The School Forest Program is a partnership between DNR-Division of Forestry and the Wisconsin Center for Environmental Education at UW-Stevens Point. Nearly 350 school forests are owned by 190 school districts across the state.

Area Surveyed:

- 16 sites
- average area of site = 46 acres
- average area surveyed = 26 acres

Garlic Mustard Presence:

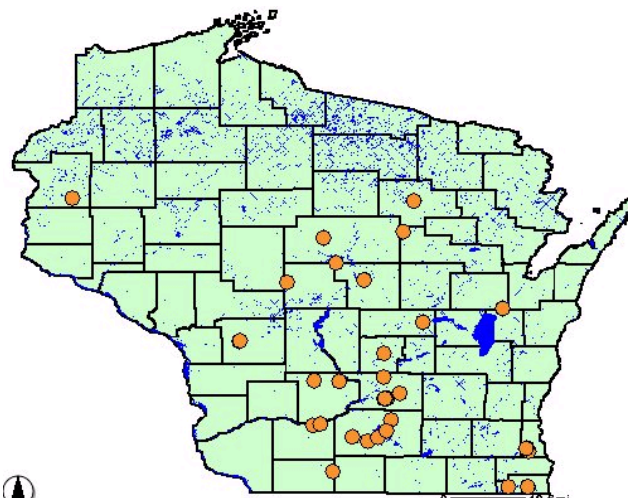
- 9 sites with garlic mustard
- 8 in counties with documented presence
- 1 in Waushara County (GM presence not previously documented)
- 1 site in a pine plantation
- discovered in intermediate density
- average area infested = 3 acres

Control:

- Pulling was implemented at 7 sites
- average area treated = 1.6 acres.

Other Invasives Recorded:

- Other invasives recorded at 8 sites
- Buckthorn and honeysuckle most common
- Also recorded: black locust, reed canary grass, Dame's rocket, wild parsnip, multi-floral rose, and purple loosestrife.



Garlic Mustard Monitoring locations as of October 1, 2005