



Pollinator Habitat Restoration West Zone Hiawatha National Forest 2013 Accomplishments

This project was part of a large scale pollinator habitat improvement plan spanning across the West Zone of the Forest. It included the first time native plant restoration of pollinator species at Indian Point and three permanent wildlife openings. Youth from HNF YCC, Michigan State University Extension Life of Lake Superior, Illinois State University and North Star Academy (NSA) participated. MSU Life of Lake Superior youth adopted the monarch habitat project on Grand Island NRA in 2008 and yearly transplant 5,000 native plants back into the old farm field on the Island. In 2013 LOLS youth finished restoring nearly one acre of the farm field to highly suitable pollinator habitat providing a mix of nectar plants along with common milkweed. North Star Academy students adopted Peninsula Point monarch openings. In 2013 NSA students filled more than 45,000 cells with soil, seeded 5,500 common milkweed cells and transplanted nearly 2,000 native common milkweed back into the landscape at the monarch openings. Illinois State University has been a partner in pollinator habitat restoration at Sandtown since 2010. In 2013 students from the archeology class planted nearly 4,000 pollinator species at Sandtown to supplement existing milkweed occurring naturally. HNF YCC transplanted over 12,000 native plants in 2013 within three large openings on the Munising RD in order to create pollinator habitat in these large warm season grass openings. They also transplanted 1,500 nectar plants at the monarch openings and began restoration of shoreline habitat at Indian Point transplanting 1,500 native plants including 500 common milkweed along this important coast line route for migrating monarchs and connecting pollinator habitat between Sandtown and Indian Point east beach.



YCC showing great team work. Hauling water from Sturgeon River to planting sties at Sandtown and Indian Point in order to assure a high survival rate for newly transplanted native plant seedlings.



Illinois State University and HNF volunteers planting at Sandtown.



North Star Academy lead teacher Michele Talsma with students at HNF greenhouse seeding 5,000 cells with milkweed for pollinator restoration.

Year 2013

Project completion: Ongoing

Report number: 1

FY13funding: NFWF10: \$28,500

- Contracts \$7,995
- Staff including YCC \$20,505

Volunteer Contribution:

- Planting: 777 hrs. = \$17,288.25
- Greenhouse: 1543.75 = \$34,348.44

Partners/Contractors/Coop:

- MSU Extension Life of Lake Superior
- Illinois State University
- NMU Charter School – North Star Academy
- HNF Native Plant Program Volunteers

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