

UWSP Society for Ecological Restoration Student Chapter: Student led stewardship: A path to restoring wetlands through volunteer workdays

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Introduction

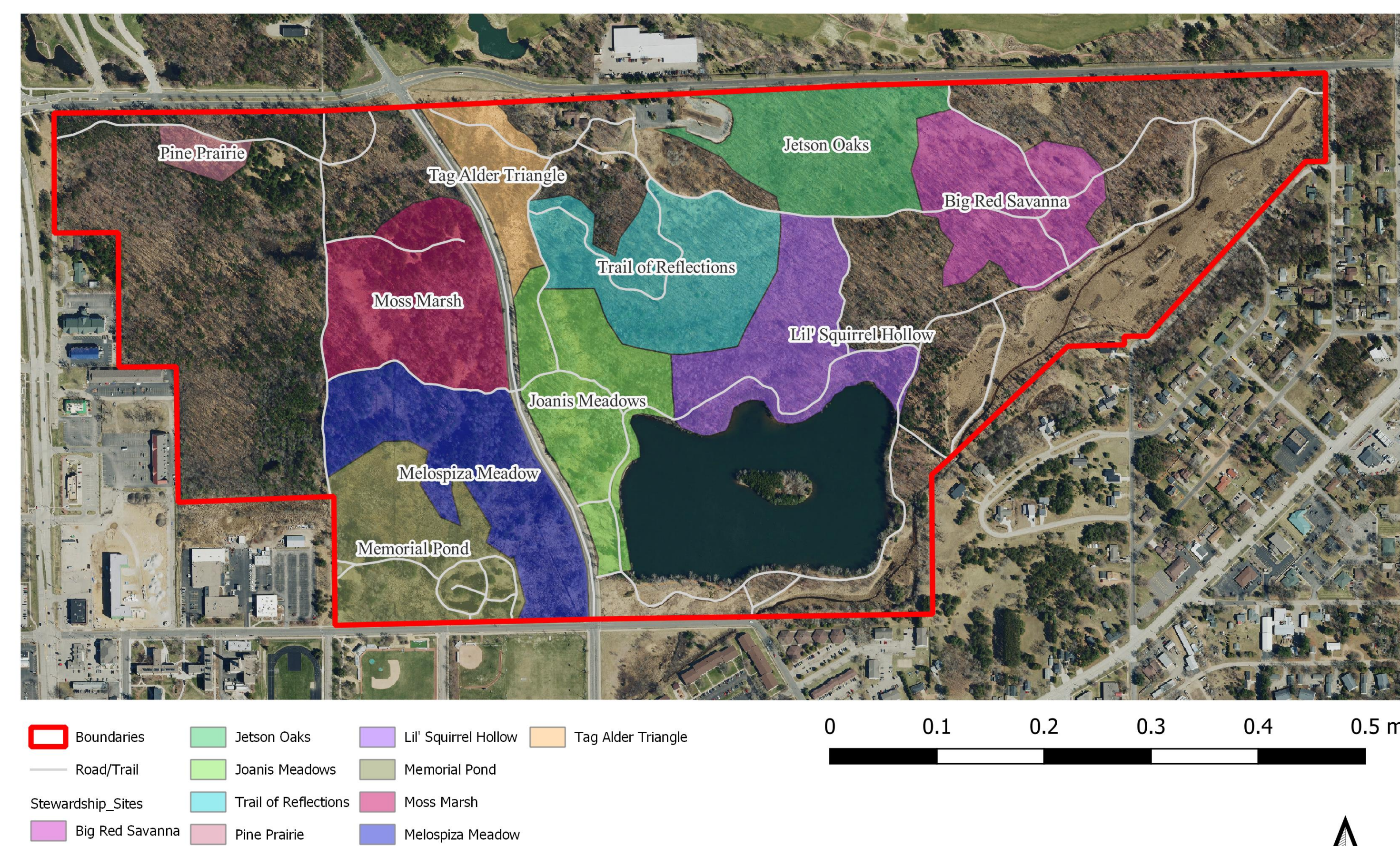
The UW-Stevens Point student chapter of the Society for Ecological Restoration (SER) began teaching members in 2019 about stewardship. This includes restoration techniques and safety protocols to follow during volunteer workdays. Much of the work is done on campus in Schmeeckle Reserve, allowing for the success of this newly developed stewardship training.

Methods

- Developed textbook adapted from “International principles and standards for the practice of ecological restoration. Second edition”
- Focus on:
 - Why we do restoration
 - Restoration techniques
 - Safety protocols
 - Leadership
- Workday activities:
 - Invasive species removal
 - Seed collection
 - Rotary seeding
 - Coarse woody debris removal
 - Site preparation for prescribed burns

Results

SER Schmeeckle Stewardship Sites



- Since project implementation:
 - 1,528 volunteer hours
 - 19 stewards who completed training and ran stewardship sites
 - 95 different volunteers
 - 128 acres of restoration sites



Fig 1. Buckthorn piles after the Fall 2022 Restoration Celebration in Trail of Reflections



Fig 2. Stewards at the Fall 2023 Restoration Celebration create a fire line in Memorial Pond

Conclusions

Providing volunteer opportunities to students attending this university allows for a larger community involvement in the practice of restoration. Using volunteers allows for work to be completed, even when there is insufficient funding for a project. The benefits of this training include professional skills that our volunteers/students can take into their community and the professional restoration field.

Literature cited

Gann GD, McDonald T, Walder B, Aronson J, Nelson CR, Jonson J, Hallett JG, Eisenberg C, Guariguata MR, Liu J, Hua F, Echeverria C, Gonzales, EK, Shaw N, Decler K, Dixon KW. 2019. International principles and standards for the practice of ecological restoration. Second edition. Restoration Ecology S1-S46

Acknowledgments

- Ho-Chunk and Menominee peoples for the use of their ancestral land
- UWSP Society for Ecological Restoration
- Director Jim Buchholz and the Schmeeckle Reserve Staff
- Dr. Michael Demchik, SER Advisor and Land Manager
- U.S. Fish and Wildlife Service
- UWSP Fire Crew