



Volunteer Position Description: Galerucella Beetle Redistribution

Report To: Regional Natural Resource Steward

Goal of Position: Successfully collect Galerucella beetles, a biological control agent, and transfer them to their new sites to combat and limit the spread of invasive purple loosestrife.

Timeframe: Late May to mid June

Time Required: Varies based on location and distance to the collection and release sites. Preferably collection and release will occur on the same day. Plan on a minimum of 5-8 hrs to complete task and paperwork required, but may take up to 20 total hours if multiple sites or prior scouting is needed.

Equipment Required (Supplied by volunteer):

- Multiple 20 oz or 2 liter bottles made into a funnel container to collect beetles
- Cooler large enough to store collected beetles in the collection bottles
- Highly Recommend - waterproof boots (knee-high rubber boots or waders if you have them)

Position Requirements:

- Ability to work independently.
- Reliable transportation.
- Learn how to identify purple loosestrife.
- Learn how to identify Galerucella beetles for collection.
- Visit release site to locate purple loosestrife patches, if necessary.
- Ability to comfortably walk/hike long distances occasionally, depending on site.
- Create funnel containers for collections.
- Collect beetles from specified location and travel to separate release site.
- Complete and submit paperwork
- Ability to work in variable, sometimes adverse site conditions (biting insects, mud, etc.)

Training Required:

- Review of instructional documents (provided), including directions to create funnel containers.

How will a volunteer benefit from this position?

Volunteer Stewards have the great opportunity to help protect our resources for future generations to enjoy! Individual volunteers also have the flexibility to do so on their own schedule while enjoying fresh air, exercise and the satisfaction of protecting our native landscapes. Volunteers will assist the DNR in natural resource management and become more familiar with their favorite parks and recreation areas while gaining valuable experience.

How will this help our state parks and recreation areas?

Volunteers will help limit the spread and control existing populations of purple loosestrife helping to protect native ecosystems. The Stewardship Unit prioritizes work locations to improve habitat for species of greatest conservation need. Volunteers can have a big impact on helping to sustain these populations for future generations to enjoy.