

2021 Bacon Ridge Natural Area Invasive Plant Control Project

Lindsay Smith, Stewardship Coordinator





Scenic Rivers Land Trust

- A Land Trust based in Anne Arundel County.
- We work in 6 watersheds.
- Conserve land with natural, scenic, and historical conservation values.
- Landowner education & land protection agreements (Conservation Easements).
- We hold over 65 conservation easements on over 3,000 acres of land.



Why start an invasive plant control project?

Landowners are dealing with invasive plants.



Organizational outreach & education opportunity.





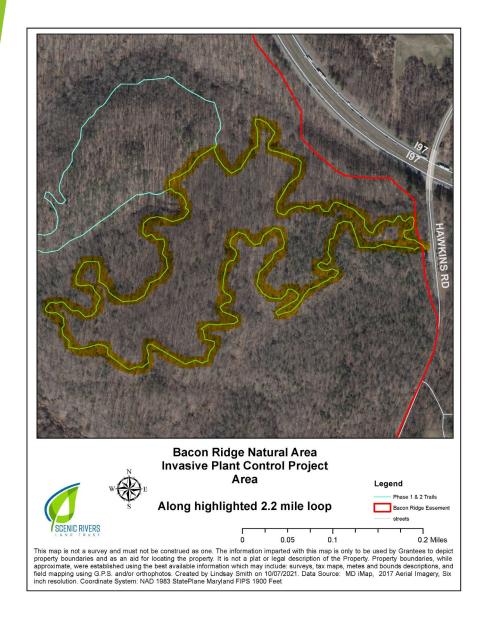
Bacon Ridge Natural Area Conservation Easement & Trail Map

This map is not a survey and must not be construed as one. The information imparted with this map is only to be used by Grantees to depict property boundaries and as an aid for locating the property. It is not a plat or legal description of the Property. Property boundaries, while approximate, were established using the best available information which may include: surveys, tax maps, metes and bounds descriptions, and field mapping using G.P.S. and/or orthophotos. Created by Lindsay Smith on 08/29/2020

Data Source: MD iMap, 2017 Aerial Imagery, Six inch resolution Coordinate System: NAD 1983 StatePlane Maryland FIPS 1900 Feet 0 5001,000 2,000 Feet

Project Site Choice

- Conservation Easement property.
- Publicly accessible.
- Willing landowner partner.
- Several invasive species present.
- Bacon Ridge Natural Area!



Project Site Choice

- Settled on a 2.2-mile loop of trail easily accessed from a trailhead parking area.
- Identified 7 target invasive plant species.
- Easy for manual control & herbicide control.



Grant funding!







Wavyleaf basketgrass



Japanese stiltgrass





Japanese honeysuckle



Oriental bittersweet







Autumn olive



Japanese barberry



Multiflora rose



































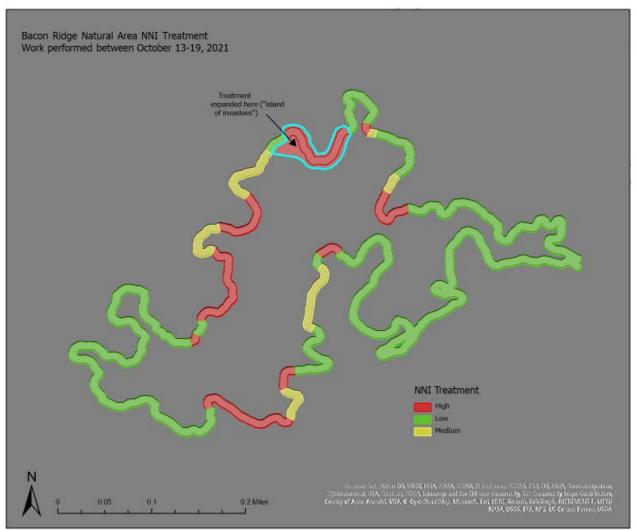
Volunteer statistics:



- Total # of volunteers: 36
- Total # of volunteer hours: 188
- Total bags of plants hauled out: 40.5
- Total lbs. of plants removed:
 631



Herbicide Control



TREATMENT SUMMARY:

Non-native invasive species treatment was performed within a 15' buffer on either side of the trail area shown on the map. Areas shown in red had a higher concentration of NNIs, so treatment was heavier in those areas. Light green areas had few to no NNIs, so treatment was lighter. Yellow areas had moderate NNI populations.

The following species were treated with foliar spray of Roundup Custom - 524-343 at 2% concentration:

Autumn olive Oriental Bittersweet Multiflora Rose Japanese Barberry Japanese Honeysuckle Wineberry Border Privet Wavyleaf basketgrass English ivy

The following species were treated with cut stump treatment with Roundup Custom - 524-343 at 50% concentration:

Autumn Olive (All cut branches hauled offsite) Oriental Bittersweet Multiflora Rose Japanese Barberry Wineberry

The following will need spring treatment:

Japanese stiltgrass Wavyleaf basketgrass Any previously listed species that is resprouting.



Report prepared 11/10/2021 by Emma Podietz Restoration Production Associate, EQR 301-395-0784



Learn about invasive plants. Volunteer. Start your own project.

Contact Lindsay Smith, Stewardship Coordinator, for more information.

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