

2020 Citizen Science Opportunities

Amphibian Projects

Frog Call Surveys

- What: Identify species and intensity of calling frogs
- Where: Multiple throughout watershed
- When: February – August; 30 minutes after dusk (February – May is critical time)
- How Often: ~weekly (This will be a group activity; join us when you can)
- Trainings in early 2020

Vernal Pool Monitoring

- What: Look for egg masses, frogs and salamanders; basic meta data
- Where: Crossways Preserve and Camp Woods Preserves; Other sites being added
- When: March – May
- How Often: 4 visits (~1 hour each) to assigned site
- Training in early 2020

Salamander Cover-board Monitoring

- What: Walk a line of boards in the woods; look for salamanders (ID, capture, weigh); record basic meta data
- Where: Crossways and Camp Woods Preserves
- When: March – May AND September – November
- How Often: Once per 9-day period; ~1 hour each to assigned site
- For this project it is possible to volunteer for only the Spring session (6 visits), only the Fall session (6 visits) or for the whole year (12 visits)

Bird Projects

Woodcock Call Surveys

- What: Listen for displaying woodcocks during the breeding season
- Where: Crossways Preserve, Armentrout Preserve, Willow Lake Preserve, Dodsworth Run Preserve
- When: March – April; Sunset
- How often: 4-6 visits ~30 minutes each at assigned site

Nestbox Monitoring

- What: Monitor nest boxes for bird species using, presence of eggs/young
- Where: Crossways, Dodsworth, Armentrout, Willow Lake Preserves
- When: April – August
- How Often: Weekly at assigned site

Chimney Swift Tower Monitoring

- What: Monitor chimneys for use during the breeding and migration seasons
- Where: Crossways, Dodsworth Run, Ambler Waterfowl Preserve, Fort Washington State Park
- When: Late March – October; 30 minutes before sunset
- How Often: TBD

Pollinator Projects

Caterpillars Count!

- What: Conduct surveys of insects and caterpillars on trees and bushes
- Where: Crossways and Camp Woods Preserves
- When: Mid April – Early August
- How Often: Approximately weekly for an hour (this is a long project and sites can be split across different volunteers – do not need to commit to entire time period)

Bee Monitoring

- What: Assess pollinator habitat by counting bees along 2 100' transects
- Where: Crossways and Camp Woods Preserves
- When: July - August
- How Often: 2 visits, separated by 2-3 weeks (This will be a group activity, join us when you can)

Monarch Butterfly Projects

- What: Multiple projects to understand monarchs in the watershed, including monitoring milkweed; raising caterpillars; testing for disease; migration monitoring; and migration tagging.
- Where: Throughout the watershed
- When: April/May – October
- How Often: Variable (Most projects will be group activities, join us when you can; a few projects are individual and focused on the fall migration)

Creek Watch

- What: Streamside visual monitoring
- Where: At assigned site throughout the watershed
- When: year round
- How Often: Monthly
- Trainings: Vary. Held at least twice per year

To receive more information about any of these projects, please fill out the volunteer form on our [website](#), and indicate in the comments field which project(s) you are interested in.