

Pierpont Arboretum & Green Space Project



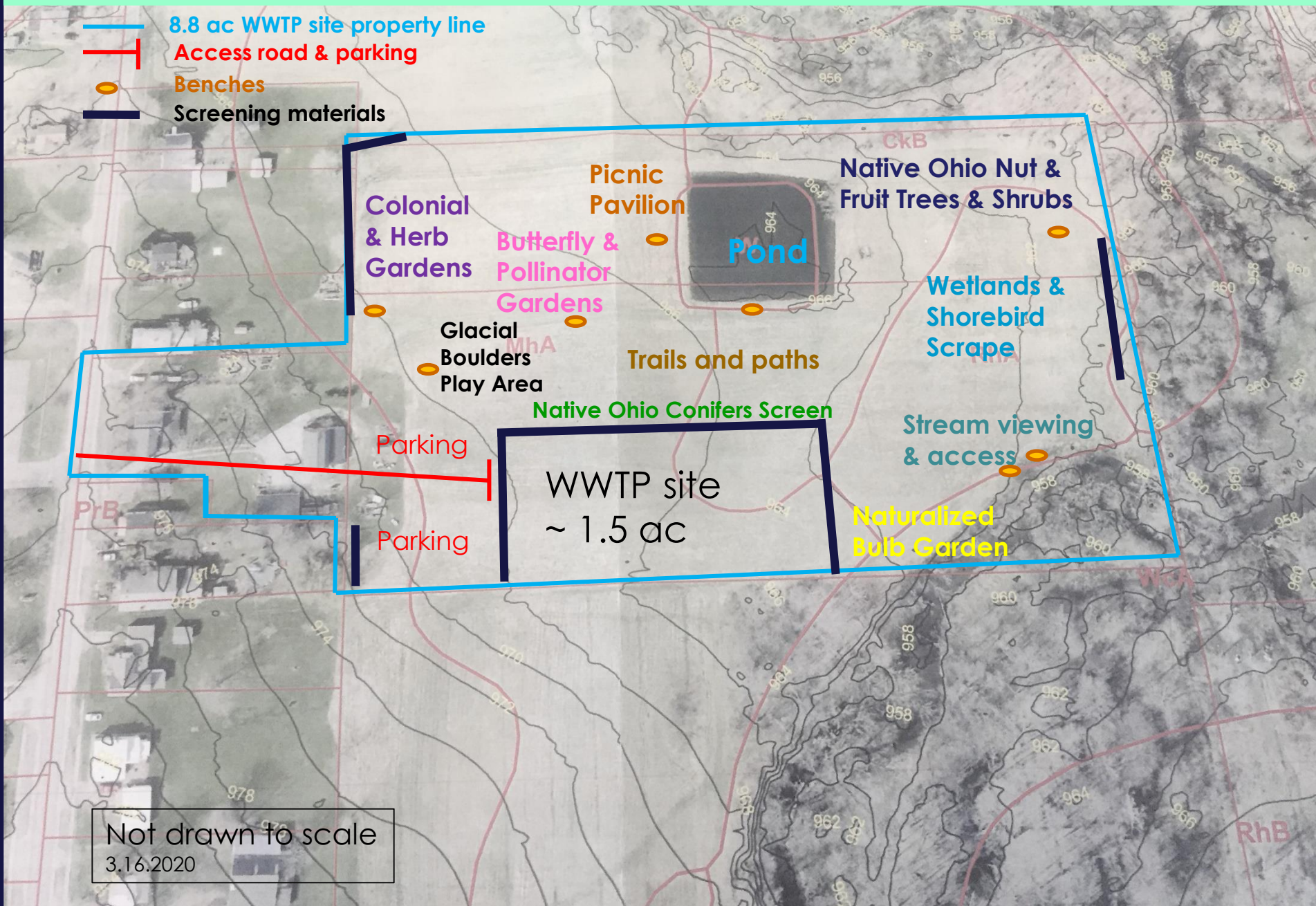
Judy Semroc Introduction

- Currently works in the Natural Areas Division for the Cleveland Museum of Natural History as a Conservation Specialist (2005-Current)
- Co-authored two Ohio Natural History Field Guides: “Dragonflies & Damselflies of NE Ohio” (2009) & “Goldenrods of Northeast Ohio” (2017)
- Former preschool & middle school science teacher (1993 – 2004)
- Created various natural history organizations: Operation Botanic Rescue, Quail Hollow Land Conservancy, First Ohio Chapter (Chrysalis in Time) of the North American Butterfly Association
- BS Degree in Petroleum Geology with 20+ years experience in the field
- Awards:
 - 2010 “**Conservation Hero Award**” for Environmental Stewardship for Portage Co.
 - 2013 “**Outstanding Staff Achievement Award**” from the Cleveland Museum of Natural History
 - 2013 “**Gentian Award**” from the Native Plant Society of Northeast Ohio for the dedication to native plants in Ohio.



Pierpont Green Infrastructure & Landscaping Project: Conceptual Map

Conservation-Arboretum Green Space at the Pierpont Waste Water Treatment Plant (WWTP)



Not drawn to scale
3.16.2020

Possible Habitat Development Areas: Fruit & Nut Species Arboretum, Pond & Picnic Areas

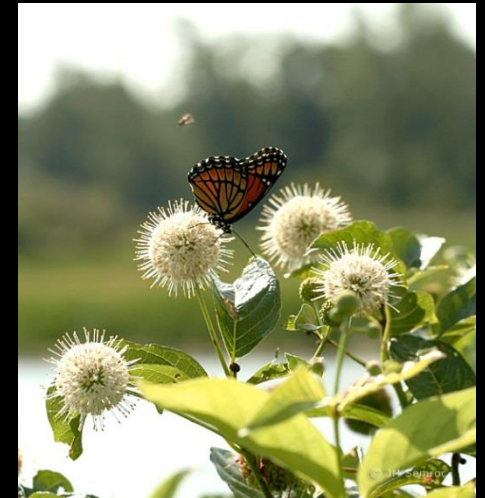


**Native Ohio Fruit & Nut
Trees & Shrubs Arboretum**



**Benches, Pond Area &
Picnic Pavilion**

Possible Habitat Development Areas: Wetlands, Scrape & Stream Viewing Areas



**Wetlands &
Shorebird Scrape**

**Stream Viewing
& Access**

Possible Habitat Development Areas: Pollinator, Milkweed & Privacy Screen Areas



Butterfly, Hummingbird, Pollinator & Milkweed Gardens

**WWTP & Border Screens:
Native Ohio Conifers & Hollies**

Possible Habitat Development Areas: Naturalized Bulbs, Boulder Play Area & Herb Garden



**Naturalized Bulb
Garden**

**Glacial Boulders
Play Area**

**Colonial & Herb
Garden**



Nesting & Nature Attracting Ideas: Nesting Boxes, Towers, Perches & Feeders



Barn Owl Nesting Box



Eastern Bluebird & Tree Swallow Boxes



Chimney Swift Tower



Raptor Perches

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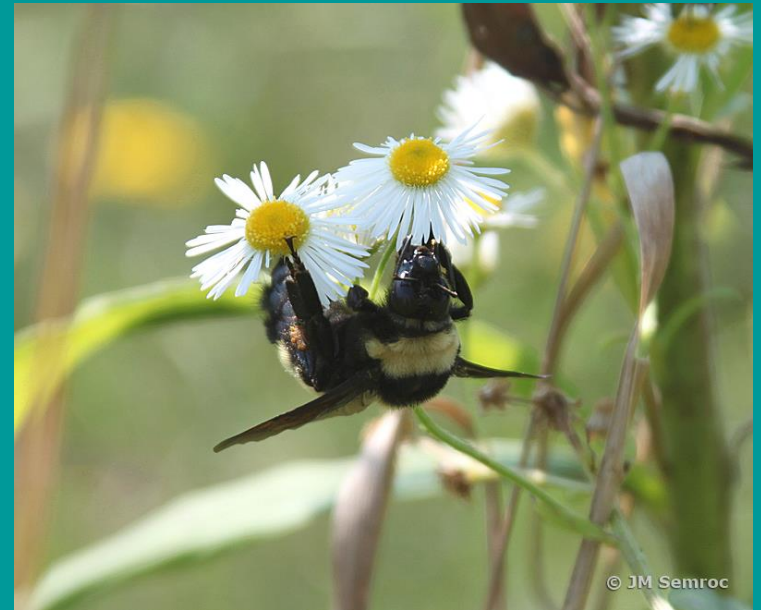
Hummingbird Feeders



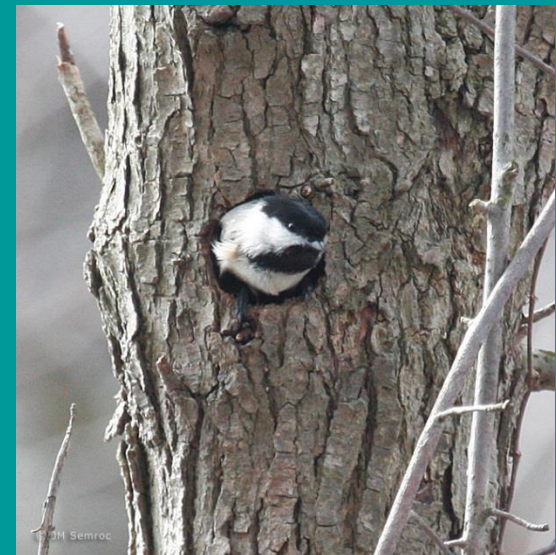
Oriole Feeders

What's Next?

- **Prioritize Projects:** What comes first and what funds tie to which projects. Is there a time issue with grant money or other donations?
- **Create a 5, 10, 15 and 20-year Master Plan (Phases):** Funding sources, etc.
- **Determine parties for maintenance of site –** mowing, trail maintenance, general building upkeep, weeding, feeder attention, nest box monitoring, etc. and where will the funding come from?
- **And of course, there is always more...BUT you will be creating an amazing area park for all visitors!**



Bumble Bee on White Aster



Black-Capped Chickadee in Cavity

The Web of Life is a Fascinating Drama....

The Habitat You Strive to Create Yields AMAZING Benefits!

