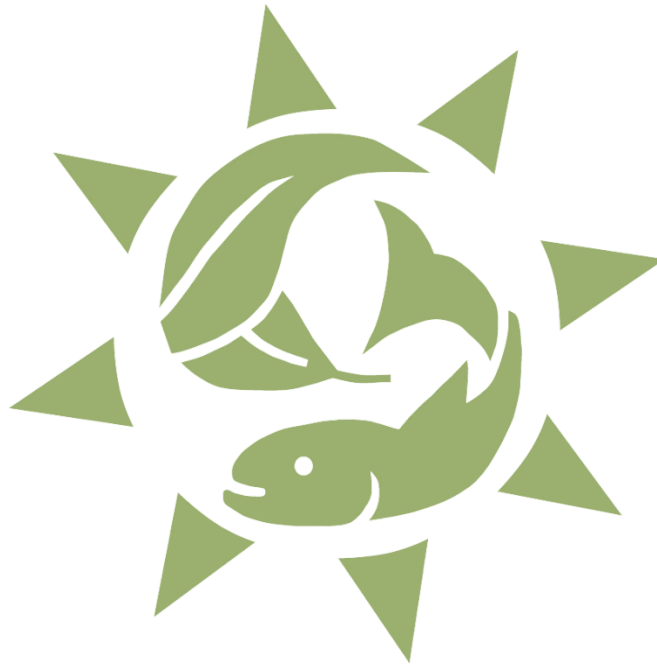


CENTER FOR ECOLOGY & NATURAL RESOURCE SUSTAINABILITY



SITE 15

Trumbull Reserve

Hudson Township
Summit County, OH

*Report Written By: Stephanie Deibel
Date of Site Visit: 29 March 2013
Date Finalized: 30 April 2013*

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SECTION 1: NARRATIVE DESCRIPTION OF PROPERTY

Introduction

Stephanie Deibel, conservation undergraduate student, visited Trumbull Reserve to establish a baseline documentation report of the property. During the visit, we walked the entire property border and took photos at the property corners and at other significant locations.

Surrounding Land Use

Trumbull Reserve is approximately 14 acres and is dominated by forest habitat. Located to the northeast of Highway-14, the property is bordered by forest habitat on its west and residential land use on its east. North of the property is Ravenna Rd. Just off of Ravenna Rd is Middleton Rd, which can be used to access the parking lot near the northwestern tip of the property.

Land Cover and Habitats

Mixed Hardwood Forest

A majority of this site consists of forest habitat. Species identified during the inventory include Red Oak, Black Oak, Pin Oak, American Beech, Black Cherry, Maples, and Shagbark Hickory. In general, the forest is mature with DBH ranging from 6"-25". The understory is open throughout almost all of the area.

Wetland

Several pooling areas are located on the eastern portion of the boundary near Tinkers Creek, which runs across the entire property. The pooling areas are small, less than 1 acre in size and a mink was observed in one of them. There is a small cattail and common reed marsh located in the northwestern corner and a mink was observed at this location as well.

Creek

Tinkers Creek runs through the eastern side of the property.

Land Cover Summary

Land Cover Type	Description
Mixed Hardwood Forest	12 acres
Wetland	1.5 acres
Creek	354 meters

Note: The above descriptions are estimated values calculated from an aerial map of the area. The values are in no way exact measures of these land cover types.

Summary of Conservation Values

The Herrick Fen property has significant educational, research, and natural conservation values. Since nearly the entire site is forested, this site can be used for timber management education and forest ecology understanding. The rest of the site is wetland habitat and can be used to understand the seasonal hydrology of a wetland and creek habitat.

Possible Endangered Species

Common Name
Indiana bat
Eastern massasauga
Blue Corporal

NOTE: See Endangered Species Report for more information.

Site History

Parcels:

Transaction:

Sale Date	Seller	Buyer	Sale Price

SECTION 2: SOILS INFORMATION

MAP UNIT	SOIL SERIES	SOIL TEXTURE	DRAINAGE CLASS	EROSION RATING	SLOPE
EIB	<i>Ellsworth</i>	<i>Silt Loam</i>	<i>Moderately Well</i>	<i>Slight</i>	<i>2-6%</i>
EIC	<i>Ellsworth</i>	<i>Silt Loam</i>	<i>Moderately Well</i>	<i>Slight</i>	<i>6-12%</i>
Ho	<i>Holly</i>	<i>Silt Loam</i>	<i>Poorly Drained</i>	<i>Slight</i>	<i>0-2%</i>
MgB	<i>Mahoning</i>	<i>Silt Loam</i>	<i>Somewhat poorly</i>	<i>Slight</i>	<i>2-6%</i>
Or	<i>Orrville</i>	<i>Silt Loam</i>	<i>Somewhat poorly</i>	<i>Slight</i>	<i>0-2%</i>
Ua	<i>Udorthents</i>				

This information was gathered from the Web Soil Survey, provided by the USDA NRCS and the Soil Survey of Portage County, provided by the USDA SCS in cooperation with NRCS.

SECTION 3: SOILS MAP

SECTION 4: PROPERTY INVENTORY

4.1 Structures, Improvements, and/or Noted Features

- Corner – Photo Point S15-01 – is clearly marked. A chain linked fence is visible, which could be used as another access point. There is a broken red pipe at this location, possibly part of a drainage system. A mink was observed in the adjacent wetland.
- Wetland – Photo Point S15-02 – consists of common reed and cattail growth. Some shrubs are growing in the area.
- Creek – Photo Point S15-03 – is perennial and seems to be natural, however, may have been channelized at some point. The dominate substrate is silt and the riparian area is wide with forest habitat on both river right and left.
- Pond Area – Photo Point S15-04 – is small, less than 0.5 acre in size. The area is surrounded by forest habitat. The pond is filled with leaf debris.
- Pond Area – Photo Point S15-05 – is small, less than 0.5 acre in size. Microtopography is present. The area is surrounded by forest and is located near highway 14 and Tinkers Creek.
- Pond Area – Photo Point S15-06 – is small, less than 0.5 acre in size. The area is surrounded by forest and is near highway 14 and Tinkers Creek.
- Corner – Photo Point S15-07 – is clearly marked by a fence. Accessing the true corner of the property requires crossing the creek, which was not probable at the time of the visit.
- Forested Area – Photo Point S15-08 – is natural and uneven aged. The age range is Early/Mid-Successional with DBH ranging 6”-16”. This hardwood forest is dominated by Oaks. The understory is open with diverse sapling growth.
- Corner – Photo Point S15-09 – is marked by a fence. A drainpipe is present, which seems to feed this portion of Tinkers Creek.
- Forested Area – Photo Point S15-10 – is natural and uneven aged. The age is Early/Mid-Successional with DBH ranging 6”-16”. This hardwood forest is dominated by Maples. The understory is open with diverse sapling growth.
- Forested Area – Photo Point S15-11 – is natural and uneven aged. The age range is Early/Mid-Successional with DBH ranging 6”-16”. This hardwood forest is dominated by Maples and Oaks. The understory is open with diverse sapling growth. A wet area/vernal pool is located in the area.

4.2 Access Roads and Trails/Parking

- The site was accessed from a parking lot located off of Middleton Rd, which runs off of Ravenna Rd.

4.3 Dumps, Disturbances, or Environmental Hazards

- No signs of the above were seen while inventorying the site.

4.4 Encroachments/Trespassing

- No signs of the above were seen while inventorying the site.

SECTION 5: LIST OF PHOTO POINTS

S15-01: *Corner*

S15-02: *Wetland*

S15-03: *Creek*

S15-04: *Pond Area*

S15-05: *Pond Area*

S15-06: *Pond Area*

S15-07: *Corner*

S15-08: *Forested Area*

S15-09: *Corner*

S15-10: *Forested Area*

S15-11: *Forested Area*

SECTION 6: MAP OF PHOTO POINTS

SECTION 7: PHOTO POINT COORDINATES

Coordinate System: UTM UPS, NAD83, (meters)

Point Number	Latitude (°N)	Longitude (°W)	Elevation (ft)

GPS Points taken on July 16, 2012; using a Garmin eTrex Legend HCx GPS

Note: The longitude and latitude values were determined by a GPS unit. It should be noted that there is a small amount of error inherent with GPS readings.

SECTION 8: PHOTO POINT PHOTOS

S15-01: *Corner*



S15-02: *Wetland*



S15-03: *Creek*



S15-04: *Pond Area*



S15-05: *Pond Area*



S15-06: *Pond Area*



S15-07: *Corner*



S15-08: *Forested Area*



S15-09: *Corner*



S15-10: *Forested Area*



S15-11: *Forested Area*



APPENDICES

APPENDIX A: MAPS