

CENTER FOR ECOLOGY & NATURAL
RESOURCE SUSTAINABILITY



SITE 11

Slates South Property

Franklin Township
Portage County, OH

*Report Written By: Stephanie Deibel
Date of Site Visit: 28, 29 November 2012
Date Finalized: 18 December 2012*

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SECTION 1: NARRATIVE DESCRIPTION OF PROPERTY

Introduction

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

Surrounding Land Use

The Slates South property is approximately 25 acres and is located east of Powder Mill Rd in Franklin Township in Portage County, OH. The property is within the Cuyahoga watershed.

Land Cover and Habitats

Mixed Hardwood Forest

Approximately 18 acres of the Slates South property is hardwood forest. A mixture of dominant species can be found throughout the area including Oak, Maple, American Beech, and Black Cherry. Early/Mid-Successional best summarizes the age range of trees throughout this area, however, some mature trees with DBH greater than 30" can be found. The understory throughout the area is open, however, some areas becoming dense with shrub and brush growth.

Wetland

Various open water ponds and wet areas are located throughout the site, depth unknown. Most are located in forested areas as vernal pools with heavy leaf litter.

Open-Field

A maintained mowed grass area is located along the northern boundary line. The area is mowed, most likely by the power company. Shrubs and grasses were observed in this area.

Creek

A creek is located near the southwest corner of the property. This portion of the creek breaks off the stream running near the southern boundary line. Various fallen trees and limbs hang over the water. The bottom consists of muck and leaf litter. The creek empties into a pooling area, possibly from beaver dams.

Land Cover Summary

Land Cover Type	Description
Mixed Hardwood Forest	18 acres
Wetland	1 acres
Open-field	6 acres
Creek	60 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

SITE 11 has significant educational, research, and natural conservation values. Since a majority of the site is forested, this site can be used for timber management education and forest ecology understanding.

Site History

2 Parcels:

12-018-00-00-001-002

12-019-00-00-006-000

12-018-00-00-002-003

Transaction:

Sale Date	Seller	Buyer	Sale Price
1/01/1990	Unknown	Kent State Univ Board of	\$0.00

SECTION 2: SOILS INFORMATION

MAP UNIT	SOIL SERIES	SOIL TEXTURE	DRAINAGE CLASS	EROSION RATING	SLOPE
Cg	<i>Carlisle</i>	<i>Muck</i>	<i>Very Poorly</i>	<i>Slight</i>	<i>0-2%</i>
FcA	<i>Fitchville</i>	<i>Silt Loam</i>	<i>Somewhat Poorly</i>	<i>Slight</i>	<i>0-2%</i>
JtA	<i>Jimtown</i>	<i>Loam</i>	<i>Somewhat Poorly</i>	<i>Slight</i>	<i>0-2%</i>
JtB	<i>Jimtown</i>	<i>Loam</i>	<i>Somewhat Poorly</i>	<i>Slight</i>	<i>2-6%</i>
OsB	<i>Oshtemo</i>	<i>Sandy Loam</i>	<i>Well Drained</i>	<i>Slight</i>	<i>2-6%</i>
OsC	<i>Oshtemo</i>	<i>Sandy Loam</i>	<i>Well Drained</i>	<i>Slight</i>	<i>6-12%</i>
Sb	<i>Sebring</i>	<i>Silt Loam</i>	<i>Poorly Drained</i>	<i>Slight</i>	<i>0-2%</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 S11-01 – is marked with a chain and fence.
- Beware of Dog Sign – Photo Point S11-03 – has been placed on a telephone pole.
- Boundary Line – Photo Point S11-04 – is not clearly marked. A stream runs near the southern boundary
- Forested Area – Photo Point S11-05 – is natural and uneven aged. The age range is Early/Mid-Successional with DBH ranging from 6"-16". This hardwood forest is a mix of Oak, Maple, Black Cherry. The understory is open with diverse shrub growth.
- Flooded Area – Photo Point S11-06 – acts as an overflow area for the stream just south.
- Pond – Photo Point S11-07 – is medium sized ranging from 0.5-1.0 acre in size. Microtopography is present and the surrounding area is forest.
- Beaver Dam – Photo Point S11-08 – is marked by this point.
- Wet Area – Photo Point S11-09 – is dominated by reed canary grass.
- Corner – Photo Point S11-10 – is not clearly marked. A defined trail under the power lines can be observed.
- Old Tree Stand – Photo Point S11-11 – was found on the property.
- Private Property Sign – Photo Point S11-12 – was found on a tree.
- Small Pond – Photo Point S11-13 – is less than 0.5 acre in size. Microtopography is present. The surrounding area consists of immature forest.
- Feeder – Photo Point S11-14 – possibly for deer was found on the site.
- Corner – Photo Point S11-15 – is clearly marked with a sign placed by the City of Kent.
- Pond – Photo Point S11-18 – is between 0.5-1.0 acre in size. Microtopography is present. The surrounding area consists of mature forest and wetland.
- Corner – Photo Point S11-19 – is clearly marked with a City of Kent sign.
- Corner – Photo Point S11-20 – is clearly marked with a City of Kent sign.
- Corner – Photo Point S11-21 – is not clearly marked. A stream does run along the southern side.
- Wet Area – Photo Point S11-22 – is greater than an acre in size. Microtopography is present. Mature forest and wetland surrounds the area.
- Forested Area – Photo Point S11-23 – is natural and uneven aged. The age range is Early/Mid-Successional with DBH ranging 6"-16". This hardwood forest is dominated by Oak. The understory is dense with diverse shrub growth.
- Corner – Photo Point S11-24 – is not clearly marked. It's unclear where the property ends.
- Unknown Feature – Photo Point S11-25 – is located at this point. It's unclear whether it's on KSU property.
- Forested Area – Photo Point S11-26 – is natural and uneven aged. The age range is Mid-Successional. The understory is dense with diverse shrub growth
- Wet Area – Photo Point S11-27 – is dominated by what looks to be reed canary growth. The area is located within a forested area.
- Creek – Photo Point S11-28 – appears natural with ephemeral flow. The banks are muck with wide riparian areas consisting of forest and shrubs on either side.
- Forested Area – Photo Point S11-29 – is natural and uneven aged. The age range is Early/Mid-Successional with DBH ranging from 6"-16". The understory is dense with diverse shrub growth.

- Corner – Photo Point S11-30 –is not clearly marked. A pond/wetland area is near.
- 4.2 Access Roads and Trails/Parking
- Mowed Grass Path – Photo Point S11-02 – is surrounded by shrub growth on sides and runs along the northern property line.
- 4.3 Dumps, Disturbances, or Environmental Hazards
- No signs of the above were seen while inventorying the site.
- 4.4 Encroachments/Trespassing
- Various indicators of hunting were found while inventorying the site including tree stands, feeders, and an armed hunter.

SECTION 5: LIST OF PHOTO POINTS

S11-01: *Corner*

S11-02: *Mowed Grass Path*

S11-03: *Beware of Dog Sign*
S11-04: *Boundary Line*
S11-05: *Forested Area*
S11-06: *Flooded Area*
S11-07: *Pond*
S11-08: *Beaver Dam*
S11-09: *Wet Area*
S11-10: *Corner*
S11-11: *Old Tree Stand*
S11-12: *Private Property Sign*
S11-13: *Small Pond*
S11-14: *Feeder*
S11-15: *Corner*
S11-16: *Drainpipe*
S11-17: *Corner*
S11-18: *Pond*
S11-19: *Corner*
S11-20: *Corner*
S11-21: *Corner*
S11-22: *Wet Area*
S11-23: *Forested Area*
S11-24: *Corner*
S11-25: *Unknown Feature*
S11-26: *Forested Area*
S11-27: *Wet Area*
S11-28: *Creek*
S11-29: *Forested Area*
S11-30: *Corner*

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

S11-01: *Corner*



S11-02: *Mowed Grass Path*



S11-03: *Beware of Dog Sign*



S11-04: *Boundary Line*



S11-05: *Forested Area*



S11-06: *Flooded Area*



S11-07: *Pond*



S11-08: *Beaver Dam*



S11-09: *Wet Area*



S11-10: *Corner*



S11-11: *Old Tree Stand*



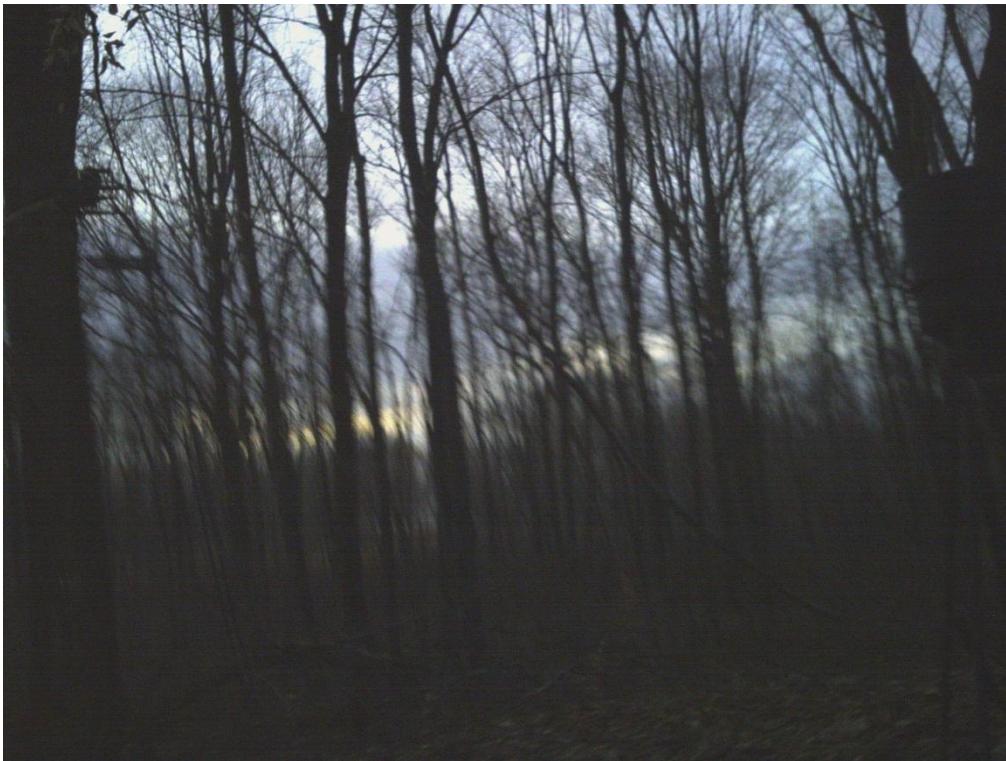
S11-12: *Private Property Sign*



S11-13: *Small Pond*



S11-14: *Feeder*



S11-15: *Corner*



S11-16: *Drainpipe*

S11-17: *Corner*

S11-18: *Pond*



S11-19: *Corner*



S11-20: *Corner*



S11-21: *Corner*



S11-22: *Wet Area*



S11-23: *Forested Area*



S11-24: *Corner*



S11-25: *Unknown Feature*



S11-26: *Forested Area*



S11-27: *Wet Area*



S11-28: *Creek*



S11-29: *Forested Area*



S11-30: *Corner*



APPENDICES

APPENDIX A: MAPS





Topography Map

Kent State University
Center for Ecology & Natural Resource Sustainability
Image: 2/2012 (Bing)
Topography: Portage County Auditor (2ft)

