

WI Natural Heritage Inventory Site Summary Form

Office use only:
Access Site ID 1911
Biotics Site ID _____

Observer(s): A Clark Date: May 20, 24, 2011
Surveysite and Managed Area: WV Sheboygan Sheboygan NIX - WV Sheboygan
Land Manager: Sheboygan County Contact Info: _____
Town Range Section(Quarter/Quarter): T15NR23ES28SW, S1/2NW
County: Sheboygan Waypoints: 36, 47

Access/Directions: WV Sheboygan, east side of I 43, south of Hwy 28, west of Taylor Rd (Hwy TA).

Site description: Two areas inventoried, the Sheboygan River floodplain along the south side of the river has a sparse canopy of cottonwood & crack willow, but is mostly younger white oak with boxelder, former buckhorn & fairly dense waterbush. There is a very nice northern mesic slope forest on the east side of the property with sugar maple, red oak, basswood, beech, hybrid oak with a fairly rich herb layer of (leafy) waterbush, yellow trout lily, & large flowered trillium.

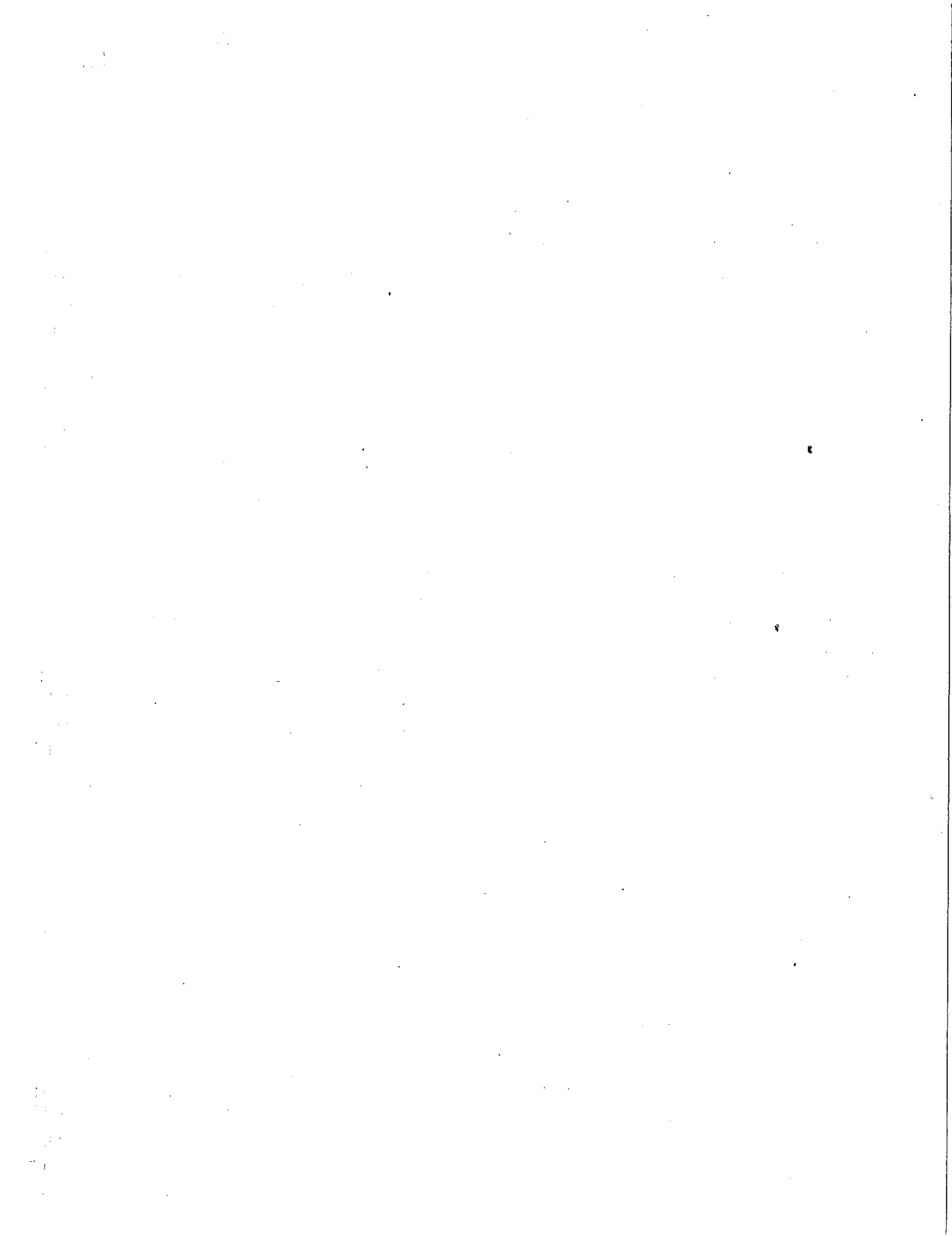
Site Significance: Fair quality floodplain forest along the Sheboygan river.
Very good quality NMF
Add to Site Desc.

Management considerations: Parking erosion
Parking areas at top of forested slope may increase erosion during heavy rains. Use of vehicles in floodplain forest disturbs soil & plants.

Land-use of site & surrounding landscape: Within WV Sheboygan. Borders I 43 on the west.
Within the city of Sheboygan. There is what appears to be good quality NMF on slopes to the east of Hwy TA (Taylor Rd.)

Community type(s): Floodplain forest. Northern mesic forest.

Rare species, SGCN species, or unusual features present: Good quality NMF



WI Natural Heritage Inventory Natural Community

Office Use Only:
Com ID 9205
EO ID

Observer(s): A Clark Date: May 24, 2011
 Surveysite and Managed Area: W Shaboygan
 Community Type: Northern Mesic Forest
 Town Range Section(Quarter/Quarter): T15NR23E528 SW County: Shaboygan
 Community Acreage: _____ Confidence extent: Y N
 GPS coordinates or file information (specify format, Degree Minutes and Seconds preferred) Datum: NAD27 WGS 84 WTM 83/91
 Waypoint #s: 47 Photo #s: 1902 South 1903 North
 Access: W Shaboygan

00 start with 2011 (Clark):

Community description: steep east facing slope; canopy dense, 12-18" dbh, sugar maple, red oak, basswood, white ash, beech. Subcanopy moderately dense sugar maple, beech, basswood, white ash, red oak. Sapling layer moderate sugar maple with white ash, basswood (beech). Shrub layer sparse chokecherry. Herb layer moderate waterleaf, yellow trout lily with lilies, large flowered trillium.

Characteristic spp: Acer saccharum, Quercus rubra, Tilia americana, Fraxinus americana, Fagus grandifolia, Prunus virginiana, Hydrophyllum virginianum, Erythronium americanum, Allium tricoccum, Trillium grandiflorum

Please list the communities' (top 3) dominant species for the appropriate cover class and for each Stratum below:

Stratum	% Cover Class code							Dominant Species
	1	2	3	4	5	6	7	
Canopy	<1	1-5	6-25	26-50	51-75	76-95	96-100	<u>Acer saccharum²⁰ Quercus rubra²⁰ Tilia americana²⁰</u>
Subcanopy	<1	1-5	6-25	26-50	51-75	76-95	96-100	<u>A. saccharum²⁰ Fagus grandifolia²⁰ T. americana¹⁰</u>
Shrub/Sapling	<1	1-5	6-25	26-50	51-75	76-95	96-100	<u>A. saccharum²⁰ Fraxinus americana¹⁰ Prunus virginiana²⁰</u>
Herb	<1	1-5	6-25	26-50	51-75	76-95	96-100	<u>Hydrophyllum virginianum²⁰ Erythronium americanum²⁰ Allium tricoccum¹⁰</u>
Bryophyte/Lichen	<1	1-5	6-25	26-50	51-75	76-95	96-100	
Bare Ground	<1	1-5	6-25	26-50	51-75	76-95	96-100	<u>soil, leaf litter => added as comments</u>

Invasive spp: Hesperis matronalis, Allisica petiolata, Arctium minus, Taraxacum officinale, Pharus cathartica, Lonicera x bella

Evidence of disturbance/threats: site logged in the past. Area above & below slopes are developed developed area above - buildings, parking lots can lead to increased erosion

Restoration Potential: Exotics are not a big problem yet

Survey/Inventory/Management needs: similar slope forest on the east of Hwy 7A (Taylor Rd) would be worth inventory

Rare species, SGCN species, or unusual features present: Good quality NMF present. D protected in "Abundant rare sp box"

Aspect	Slope	Hydrologic Regime	Surface Soils
NW	0%	Inundated (Hydric)	Sand
N	1-10%	Intermittently Flooded	Loamy sand
NE	X 10-25%	Saturated (Wet-mesic)	Sandy loam
X E	25-50%	Y Moist (Mesic)	X Loam
S	50-100%	Dry-mesic	Silt loam
SE	variable	Dry (Xeric)	Silt
W		Variable	Clay loam
SW			Silty clay
Level			
variable			

Summary Rank of the Community Condition, Context, Quality and Viability

Rank Definition:	A- Excellent	B - Good	C Marginal	D - Poor
EO Condition & Quality (e.g. Composition, natural and human caused disturbances, exotics & community recovery potential)	A	B	C	D
EO Size	A	B	C	D
EO Context (Quality of biotic & abiotic factors/processes in surrounding landscape)	A	B	C	D
EO Rank (Summary of all factors listed above)	A	B	C	D
Comments	<i>small, narrow strip, surrounded by development but good quality</i>			

Addendum or additional information regarding the site: (e.g. may include BBS, plant or animal species lists, recommendations for additional inventory work etc. ****For addenda, please note before each portion which field you are continuing.)

SOUTHERN UPLAND FOREST

COMID-4205

Scientific Areas Preservation Council
 Department of Natural Resources
 William Fans, Robert Keas
 976

AC May 24, 2011

SOUTHERN UPLAND FOREST PLANT SPECIES LIST

Dry-mesic and Mesic Forests

LEGEND - a rating of approximate frequency

- A - Abundant, the dominant vegetation
- C - Common, locally abundant or frequent
- O - Occasional, infrequently encountered
- R - Rare, very few individuals seen

Name of Area: W5 Steboyan Upland Forest
 T 15N R 23E Section 285W
 County Steboyan Co. W.V. Size _____

HERBACEOUS PLANTS

Actaea alba u X	Cirsium altissimum C	Lycopodium obscurum X
Actaea rubra X	Claytonia virginiana X	Maianthemum canadense X
Adiantum pedatum X	Conopholis americana X	Milium effusum X
Agastache scrophulariaefolia X	Corallorhiza maculata X	Mitella diphylla u X
Agrimonia gryposepala X	Cryptotaenia canadensis X	Monotropa uniflora X
Agrimonia pubescens X	Cyprinidium pubescens X	Orchis spectabilis X
Alliaria officinalis u X	Cystopteris fragilis u X	Oryzopsis racemosa X
Allium canadense X	Dentaria laciniata u X	Osmorhiza claytoni u X
Allium tricoccum X	Desmodium cuspidatum X	Osmorhiza longistylis X
Anemone quinquefolia X	Desmodium glutinosum X	Osmunda cinnamomea X
Anemone virginiana X	Desmodium nudiflorum X	Osmunda claytoniana X
Anemonella thalictroides X	Dicentra cucullaria u X	Panax quinquefolium X
Aplectrum hymale X	Dioscorea villosa X	Panicum latifolium X
Aquilegia canadensis X	Dryopteris goldiana X	Parietaria pennsylvanica X
Arabis canadensis X	Dryopteris spinulosa X	Phlox divaricata X
Arabis laevigata X	Elymus villosus X	Phryma leptostachya X
Aralia nudicaulis X	Epifagus virginiana X	Podophyllum peltatum X
Aralia racemosa X	Erythronium albidum X	Polemonium reptans X
Arenaria lateriflora X	Erythronium americanum X	Polygonatum canaliculatum X
Arisaema triphyllum X	Eupatorium purpureum X	Polygonatum pubescens X
Asarum canadense X	Eupatorium rugosum X	Potentilla simplex X
Asclepias exaltata X	Festuca obtusa X	Prenanthes alba u X
Aster lateriflorus X	Floerkea proserpinacoides X	Prunella vulgaris lan. X
Aster macrophyllus X	Fragaria vesca X	Pyrola elliptica X
Aster prenanthoides X	Fragaria virginiana X	Pyrola rotundifolia X
Aster sagittifolius X	Galium aparine X	Ranunculus abortivus u X
Aster shortii X	Galium circaeans X	Ranunculus recurvatus X
Athyrium felix-femina X	Galium concinnum R X	Ranunculus septentrionalis X
Athyrium thelypteroides X	Galium lanceolatum X	Sanguinaria canadensis X
Blephilia hirsuta X	Galium triflorum X	Sanicula gregaria X
Botrychium virginianum X	Geranium maculatum X	Sanicula marilandica X
Brachyelytrum esetum X	Geum canadense X	Sanicula trifoliata X
Bromus purgans X	Geum X	Scutellaria ovata versl. X
Campanula americana X	Goodyera pubescens X	Silene stellata X
Cardamine bulbosa X	Habenaria viridis X	Smilacina racemosa X
Cardamine douglassii X	Hackelia americana X	Solidago flexicaulis X
Carex albursina u X	Hackelia virginiana R X	Solidago ulmifolia X
Carex amphibola X	Helianthus decapetalus X	Solidago altissima X
Carex blanda X	Helianthus strumosus X	Streptopus roseus X
Carex cephaloidea X	Hepatica acutiloba u X	Symplocarpus foetidus X
Carex cephalophora X	Hepatica americana X	Taenidia integerrima X
Carex deweyana R X	Hydrastis canadensis X	Thalictrum dioicum X
Carex digitalis X	Hydrophyllum appendiculatum X	Tovara virginiana X
Carex gracillima X	Hydrophyllum virginianum X	Trientalis borealis X
Carex hirtifolia u X	Hystrix patula X	Trillium cernuum X
Carex hitchcockiana X	Impatiens capensis R X	Trillium gleasoni X
Carex jamesii X	Impatiens pallida X	Trillium grandiflorum X
Carex laxiflora X	Isopyrum biternatum X	Trillium nivale X
Carex oligocarpa X	Jeffersonia diphylla X	Trillium recurvatum X
Carex pedunculata X	Lactuca biennis X	Triosteum aurantiacum X
Carex pennsylvanica u X	Lactuca floridana X	Triosteum perfoliatum X
Carex plantaginea X	Laportea canadensis X	Uvularia grandiflora X
Carex rosea X	Lathyrus ochroleucus X	Uvularia sessilifolia X
Carex sparganioides R X	Leersia virginica X	Veronicastrum virginicum X
Carex spranglii X	Lithospermum latifolium X	Vicia caroliniana X
Carex woodii X	Luzula acuminata X	Viola conspersa X
Carex complanata X	Luzula multiflora X	Viola cucullata X
Caulophyllum thalictroides X	Lycopodium clavatum X	Viola incoqnita X
Cinna arundinacea X	Lycopodium complanatum X	Viola pubescens X
Cinna latifolia X	Lycopodium lucidulum X	Viola sororia X
Circaea quadrifida X		

Dentaria diphylla C

Equisetum arvense

entered as *complanata*

Aretium minus - u
Aretium minus - cont. anter

Taraxacum u
Taraxacum officinale

Hesperis u

TREES, SHRUBS AND VINES

<i>Acer rubrum</i>	<i>Fraxinus quadrangulata</i>	<i>Rubus alleghaniensis</i>
<i>Acer saccharum</i>	<i>Gymnocladus dioica</i>	<i>Rubus occidentalis</i>
<i>Acer spicatum</i>	<i>Hamamelis virginia</i>	<i>Rubus strigosus</i>
<i>Amelanchier</i>	<i>Juglans cinerea</i>	<i>Rubus</i>
<i>Amphicarpa bracteata</i>	<i>Juglans nigra</i>	<i>Sambucus canadensis</i>
<i>Betula alleghaniensis</i>	<i>Lonicera dioica</i>	<i>Sambucus pubens</i>
<i>Betula papyrifera</i>	<i>Lonicera prolifera</i>	<i>Smilax ecirrhata</i>
<i>Carpinus caroliniana</i>	<i>Menispermum canadense</i>	<i>Smilax hispida</i>
<i>Carya cordiformis</i>	<i>Ostrya virginiana</i>	<i>Smilax illinoense</i>
<i>Carya ovata</i>	<i>Parthenocissus inserta</i>	<i>Smilax lasioneura</i>
<i>Celastris scandens</i>	<i>Parthenocissus quinquefolia</i>	<i>Staphylea trifolia</i>
<i>Celtis occidentalis</i>	<i>Populus grandidentata</i>	<i>Taxus canadensis</i>
<i>Cornus alternifolia</i>	<i>Populus tremuloides</i>	<i>Tilia americana</i>
<i>Cornus racemosa</i>	<i>Prunus serotina</i>	<i>Tsuga canadensis</i>
<i>Cornus rugosa</i>	<i>Prunus virginiana</i>	<i>Ulmus americana</i>
<i>Corylus americana</i>	<i>Quercus alba</i>	<i>Ulmus rubra</i>
<i>Crataegus</i>	<i>Quercus macrocarpa</i>	<i>Ulmus thomasi</i>
<i>Birca palustris</i>	<i>Quercus rubra</i>	<i>Viburnum acerifolium</i>
<i>Eonymus atropurpureus</i>	<i>Quercus velutina</i>	<i>Viburnum lentago</i>
<i>Fagus grandifolia</i>	<i>Rhus radicans</i>	<i>Viburnum rafinesquianum</i>
<i>Fraxinus americana</i>	<i>Ribes americanum</i>	<i>Vitis aestivalis</i>
<i>Fraxinus pennsylvanica</i>	<i>Ribes cynosbati</i>	<i>Vitis riparia</i>
<i>Fraxinus penn. subinteg.</i>	<i>Ribes missouriense</i>	<i>Xanthoxylum americanum</i>

Acer negundo 4

Pinus strobus R

Lonicera x bella 1

Rhamnus cathartica 9C

Viburnum trilobum C

ADDITIONAL SPECIES AND COMMENTS:

47 - N.W. Sugar M Rd Wash Tilia Fagus 10, 20, 10 Steep slopes
To 18" Prunus 20 Waterleaf 20 Y Trait lily 20 Tullin 100 Lark 5 10 C
Photo 1902 south 1903 north

upland
Woods South of NW - 1099 low scattered 12-14" Rd Sugar M Shegbank 16 Adl Tilia
young Sugar M Rd WA Tilia Prunus Rhamnus
eroded drainage ex prun. ex rosea, ex hirt; Erythraium Equisetum 22 ground
Munroq Gramin PI

WI Natural Heritage Inventory Natural Community

Office Use Only:
Com_ID 4206
EO_ID _____

Observer(s): Allan Date: May 20, 2011
 Surveysite and Managed Area: UW Steboyan
 Community Type: Floodplain Forest
 Town Range Section(Quarter/Quarter): T15N R23E S28 5 1/2 NW County: Steboyan
 Community Acreage: _____ Confidence extent: Y N

GPS coordinates or file information (specify format, Degree Minutes and Seconds preferred) Datum: NAD27 WGS 84 WTM 83/91

Waypoint #s: (136) - (Add) Photo #s: 1895 North of

Access: UW Steboyan

Community description: Disturbed 2nd growth floodplain terrace. Canopy moderate with few cottonwood & creek willow to 30' dbh, but mostly 10-16' dbh ^{white} ash with some box elder. Subcanopy moderate ^{white} ash with box elder. Sapling layer moderately sparse ^{white} ash & box elder. Shrub layer sparse to moderate common buckthorn with some American clematis. Herb layer dense water leaf with Dame's rocket, some garlic mustard.

Characteristic spp: Populus deltoides, Salix fragilis, Fraxinus ^{americana} americana, Acer negundo, Phlox cathartica, Ficus americana, Hydrophyllum virginianum, Hesperis matronalis, Allaria petiolata

Please list the communities' (top 3) dominant species for the appropriate cover class and for each Stratum below:

Stratum	% Cover Class code							Dominant Species
	1	2	3	4	5	6	7	
Canopy	<1	1-5	6-25	26-50	51-75	76-95	96-100	<u>Populus deltoides 20 Fraxinus americana 20</u>
Subcanopy	<1	1-5	6-25	26-50	51-75	76-95	96-100	<u>F. americana 40 Acer negundo 10 Phlox cathartica</u>
Shrub/Sapling	<1	1-5	6-25	26-50	51-75	76-95	96-100	<u>F. americana 20 A. negundo 10 Phlox cathartica 20</u>
Herb	<1	1-5	6-25	26-50	51-75	76-95	96-100	<u>Hydrophyllum virginianum 80 Hesperis matronalis 10</u>
Bryophyte/Lichen	<1	1-5	6-25	26-50	51-75	76-95	96-100	
Bare Ground	<1	1-5	6-25	26-50	51-75	76-95	96-100	<u>soil, leaf litter</u>

Invasive spp: Lonicera x bella, Phlox cathartica, Hesperis matronalis, Allaria petiolata, Phalaris arundinacea, Arctium minus, Glechoma hederacea, Taraxacum officinale, Lysimachia nummularia

Evidence of disturbance/threats: Site has been disturbed, fragmented, now a fairly narrow strip along the river. Wood collectors dig in & cut up dead wood.

Restoration Potential: Not high quality but one of the few examples left in the area

Survey/Inventory/Management needs: will site recover or degrade

Rare species, SGCN species, or unusual features present: fair quality floodplain terrace forest

Aspect	Slope	Hydrologic Regime	Surface Soils
NW	<u>X</u> 0%	Inundated (Hydric)	Sand
N	<u>X</u> 1-10%	<u>X</u> Intermittently Flooded	Loamy sand
NE	10-25%	Saturated (Wet-mesic)	<u>X</u> Sandy loam
<u>X</u> E	25-50%	Moist (Mesic)	Loam
S	50-100%	Dry-mesic	Silt loam
SE	variable	Dry (Xeric)	Silt
W		Variable	Clay loam
SW			Silty clay
Level			
variable			

Summary Rank of the Community Condition, Context, Quality and Viability

Rank Definition:	A - Excellent	B - Good	C Marginal	D - Poor
EO Condition & Quality (e.g. Composition, natural and human caused disturbances, exotics & community recovery potential)	A	B	C	D
EO Size	A	B	C	D
EO Context (Quality of biotic & abiotic factors/processes in surrounding landscape)	A	B	C	D
EO Rank (Summary of all factors listed above)	A	B	C	D

Comments *There is so little forest along this section of the Heboyan River that even the degraded sites are significant.*

Addendum or additional information regarding the site: (e.g. may include BBS, plant or animal species lists, recommendations for additional inventory work etc. ****For addenda, please note before each portion which field you are continuing.)

FLOODPLAIN FOREST

COM ID - 4206

RC May 20, 2011

Department of Natural Resources
Scientific Areas Section
Madison, Wisconsin 53707

PLANT COMMUNITY SPECIES LIST - FLOODPLAIN FOREST, LACUSTRINE FOREST (Including marshy sloughs and muddy banks)

LEGEND - rating of approximate relative frequency

- A Abundant, the dominant vegetation
- C Common, locally abundant or frequently encountered
- U Uncommon, infrequently encountered
- R Rare, very few plants seen

Area Name 11 W Stebbins Floodplain
 T 15N R 23E County Shelburne Co
 Section 28 5 1/2 NW

<i>Aster</i> <u>A</u>	<i>Alkanna</i> <u>C</u>	<i>Cicuta bulbifera</i> ---1897-----	<i>Floribunda</i> <u>C</u>	<i>Ludwigia palustris</i> ---4207-----
<i>Acalypha rhomboidea</i> ---0010-----		<i>Cicuta maculata</i> ---1900-----		<i>Ludwigia polycarpa</i> ---4210-----
<i>Acnidia altissima</i> ---0040-----		<i>Cinna arundinacea</i> ---1906-----		<i>Lycopus americanus</i> ---4273-----
<i>Alisma plantago-aquatica</i> ---0175-----		<i>Cinna latifolia</i> ---1909-----		<i>Lycopus uniflorus</i> ---4294-----
<i>Allium canadense</i> ---0193-----		<i>Circaea quadrisulcata</i> ---1918- <u>u</u> X-----		<i>Lycopus virginicus</i> ---4297-----
<i>Ambrosia trifida</i> ---0286-----		<i>Claytonia virginica</i> ---1957-----		<i>Lysimachia ciliata</i> ---4306-----
<i>Amorpha fruticosa</i> ---0322-----		<i>Clematis virginiana</i> ---1963-----		<i>Lysimachia nummularia</i> ---4318- <u>XC</u> -----
<i>Amphicarpa bracteata</i> ---0325-----		<i>Cornus amomum</i> ---2068-----		<i>Matteuccia struthiopteris</i> ---4393- <u>XC</u> -----
<i>Anemone quinquefolia</i> ---0376-----		<i>Cornus racemosa</i> ---2077-----		<i>Menispermum canadense</i> ---4432-----
<i>Apios americana</i> ---0436-----		<i>Cornus rugosa</i> ---2080-----		<i>Mentha arvensis</i> ---4441-----
<i>Arabis laevigata</i> ---0481-----		<i>Cornus stolonifera</i> ---2083-----		<i>Mertensia virginica</i> ---4456-----
<i>Arabis shortii</i> ---0487-----		<i>Crataegus sp.</i> ---2110-----		<i>Mimulus ringens</i> ---4465-----
<i>Aralia nudicaulis</i> ---0493-----		<i>Cryptotaenia canadensis</i> ---2176-----		<i>Muhlenbergia frondosa</i> ---4531-----
<i>Arenaria lateriflora</i> ---0511-----		<i>Cuscuta sp.</i> ---2182 C. spp.---2185-----		<i>Myosotis scorpioides</i> ---4570-----
<i>Arisaema triphyllum</i> ---0532- <u>C</u> X-----		<i>Cyperus sp.</i> ---2224-----		<i>Nelumbo lutea</i> ---4636-----
<i>Arisaema dracontium</i> ---0535-----		<i>Cyperus spp.</i> ---2227-----		<i>Onoclea sensibilis</i> ---4711-----
<i>Artemisia serrata</i> ---0619-----		<i>Dioscorea villosa</i> ---2413-----		<i>Osmorhiza claytoni</i> ---4765-----
<i>Asarum canadense</i> ---0625-----		<i>Dryopteris intermedia</i> ---2494-----		<i>Osmorhiza longistylis</i> ---4768-----
<i>Asclepias incarnata</i> ---0643-----		<i>Dryopteris spinulosa</i> ---2509-----		<i>Parthenocissus quinquefolia</i> ---4945-----
<i>Aster lateriflorus</i> ---0727-----		<i>Echinochloa crusgalli</i> ---2533-----		<i>Penthorum sedoides</i> ---4999-----
<i>Aster lucidulus</i> ---0733-----		<i>Echinochloa walteri</i> ---2536-----		<i>Phalaris arundinacea</i> ---5020- <u>C</u> X-----
<i>Aster ontarionis</i> ---0745-----		<i>Echinocystis lobata</i> ---2539-----		<i>Phlox divaricata</i> ---5038-----
<i>Aster puniceus</i> ---0760-----		<i>Eleocharis acicularis</i> ---2566-----		<i>Phyla lanceolata</i> ---5059-----
<i>Aster simplex</i> ---0775-----		<i>Eleocharis sp.</i> ---2560 E. spp.---2563-----		<i>Physostegia virginiana</i> ---5086-----
<i>Athyrium filix-femina</i> ---0805-----		<i>Elymus virginicus</i> ---2650-----		<i>Pilea pumila</i> ---5104-----
<i>Bidens cernua</i> ---0916-----		<i>Equisetum arvense</i> ---2695- <u>u</u> X-----		<i>Polemonium reptans</i> ---5215-----
<i>Bidens connata</i> ---0922-----		<i>Eragrostis hypnoides</i> ---2743-----		<i>Polygonatum pubescens</i> ---5248-----
<i>Bidens coronata</i> ---0925-----		<i>Erigeron annuus</i> ---2779-----		<i>Polygonum amphibium</i> ---5263-----
<i>Bidens frondosa</i> ---0931-----		<i>Euonymus atropurpureus</i> ---2854-----		<i>Polygonum coccineum</i> ---5281-----
<i>Boehmeria cylindrica</i> ---0943-----		<i>Eupatorium maculatum</i> ---2869-----		<i>Polygonum hydropiper</i> ---5293-----
<i>Boltonia asteroides</i> ---0946-----		<i>Eupatorium perfoliatum</i> ---2872-----		<i>Polygonum hydropiperoides</i> ---5296-----
<i>Brachyelytrum erectum</i> ---0991-----		<i>Eupatorium rugosum</i> ---2878-----		<i>Polygonum pensylvanicum</i> ---5305-----
<i>Bromus latiglumis</i> ---1045-----		<i>Festuca obtusa</i> ---2953-----		<i>Polygonum punctatum</i> ---5311-----
<i>Calamagrostis canadensis</i> ---1096-----		<i>Fragaria virginiana</i> ---2992-----		<i>Polygonum sagittatum</i> ---5317-----
<i>Caltha palustris</i> ---1147-----		<i>Galium aparine</i> ---3043-----		<i>Proserpinaca palustris</i> ---5518-----
<i>Campanula americana</i> ---1165-----		<i>Galium asprellum</i> ---3046-----		<i>Ptelea trifoliata</i> ---5566-----
<i>Cardamine bulbosa</i> ---1198- <u>C</u> X-----		<i>Galium obtusum</i> ---3067-----		<i>Ranunculus abortivus</i> ---5683-----
<i>Carex amphibola</i> ---1249-----		<i>Galium trifidum</i> ---3076-----		<i>Ranunculus septentrionalis</i> ---5734- <u>XC</u> -----
<i>Carex blanda</i> ---1291-----		<i>Galium triflorum</i> ---3079-----		<i>Rhus radicans</i> ---5785-----
<i>Carex bromoides</i> ---1297-----		<i>Geum canadense</i> ---3223-----		<i>Ribes rubrum</i> ---5815- <u>C</u> X-----
<i>Carex crinita</i> ---1354-----		<i>Glyceria canadensis</i> ---3256-----		<i>Rorippa islandica</i> ---5869-----
<i>Carex cristatella</i> ---1357-----		<i>Glyceria striata</i> ---3268-----		<i>Rubus occidentalis</i> ---5983-----
<i>Carex davisii</i> ---1366-----		<i>Habenaria flava</i> ---3349-----		<i>Rudbeckia laciniata</i> ---6025-----
<i>Carex gracillima</i> ---1420-----		<i>Habenaria psycodes</i> ---3370-----		<i>Rumex altissimus</i> ---6046-----
<i>Carex grayi</i> ---1429-----		<i>Helenium autumnale</i> ---3394-----		<i>Rumex obtusifolius</i> ---6058-----
<i>Carex intumescens</i> ---1456-----		<i>Helianthus strumosus</i> ---3454- <u>C</u> X-----		<i>Rumex orbiculatus</i> ---6059-----
<i>Carex lacustris</i> ---1462-----		<i>Helianthus tuberosus</i> ---3457-----		<i>Rumex verticillatus</i> ---6064-----
<i>Carex lupulina</i> ---1507-----		<i>Hemiarpha micrantha</i> ---3472-----		<i>Sagittaria cuneata</i> ---6082-----
<i>Carex muskingumensis</i> ---1531-----		<i>Hibiscus militaris</i> ---3496-----		<i>Sagittaria graminea</i> ---6085-----
<i>Carex normalis</i> ---1534-----		<i>Hydrophyllum virginianum</i> ---3592- <u>AXC</u> -----		<i>Sagittaria latifolia</i> ---6088-----
<i>Carex rosea</i> ---1591-----		<i>Rex verticillata</i> ---3652-----		<i>Sagittaria rigida</i> ---6091-----
<i>Carex sparganoides</i> ---1618-----		<i>Impatiens capensis</i> ---3655- <u>XC</u> -----		<i>Salix discolor</i> ---6118-----
<i>Carex sprengeii</i> ---1621-----		<i>Impatiens pallida</i> ---3658-----		<i>Salix interior</i> ---6133-----
<i>Carex stipata</i> ---1630-----		<i>Iris virginica</i> ---3685-----		<i>Salix sp.</i> ---6094-----
<i>Carex tribuloides</i> ---1660-----		<i>Laportea canadensis</i> ---3853- <u>C</u> X-----		<i>Salix spp.</i> ---6097-----
<i>Carex tuckermanii</i> ---1669-----		<i>Leersia lenticularis</i> ---3928-----		<i>Sambucus canadensis</i> ---6184-----
<i>Carex typhina</i> ---1672-----		<i>Leersia oryzoides</i> ---3931-----		<i>Sanicula gregaria</i> ---6205-----
<i>Carex vulpinoidea</i> ---1690-----		<i>Leersia virginica</i> ---3934-----		<i>Scirpus cyperinus</i> ---6268-----
<i>Carex sp.</i> ---1228-----		<i>Lindernia dubia</i> ---4054-----		<i>Scirpus fluviatilis</i> ---6277-----
<i>Carex spp.</i> ---1231-----		<i>Lobelia cardinalis</i> ---4135-----		<i>Scirpus sp.</i> ---6247-----
<i>Cephalanthus occidentalis</i> ---1774-----				

Ribes rubrum. Ribes sativum is written + is the old name.

Additional species:

Glechoma C *Astragalus* C *Hesperis* C ~~*Piper*~~
Taraxacum C *Hieracium* C *Erythronium albidum* u
Taraxacum officinale

Observer _____ Date _____

PLANT COMMUNITY SPECIES LIST -
 FLOODPLAIN FOREST, LACUSTRINE FOREST
 (Including marshy sloughs and muddy banks)

LEGEND -- rating of approximate relative frequency

- A Abundant, the dominant vegetation
- C Common, locally abundant or frequently encountered
- U Uncommon, infrequently encountered
- R Rare, very few plants seen

Area Name _____
 T _____ R _____ County _____
 Section _____

(continued)

Smilax *stolonifera* R

Scirpus spp.--6250-----	Typha latifolia--7078-----	Celtis occidentalis--1750-----
Serophularia lanceolata--6328-----	Urtica procera--7102-----	Fagus grandifolia--2938-----
Serophularia marilandica--6331 <i>u</i> X	Uvularia sessilifolia--7138-----	Fraxinus americana--3001 <i>C</i> X
Scutellaria epilobiifolia--6337-----	Verbena hastata--7198-----	Fraxinus nigra--3004-----
Scutellaria lateriflora--6340-----	Verbena urticifolia--7210-----	Fraxinus pennsylvanica (red)--3007-----
Senecio aureus--6379-----	Viburnum lentago--7297 <i>u</i> X C	Fraxinus pennsylvanica (green)--3014 X
Sicyos angulatus--6430-----	Viola conspersa--7360-----	Gleditsia triacanthos--3244-----
Silphium perfoliatum--6472-----	Viola cucullata--7363-----	Gymnocladus dioica--3325-----
Slum suave--6508-----	Viola papilionacea--7390 <i>u</i> X C	Juglans cinerea--3712-----
Smilax ecirrhata--6526-----	Viola pubescens--7405-----	Morus rubra--4516-----
Smilax lasioneura--6532-----	Viola sp.--7342 V. spp.--7345-----	Ostrya virginiana--4789-----
Smilax hispida--6538-----	Vitis riparia--7441-----	Platanus occidentalis--5158-----
Solanum dulcamera--6547-----	Xanthoxylum americanum--7480-----	Populus deltoides--5356 <i>C</i> X
Solidago altissima--6562 <i>C</i> X	Zizia aurea--7513-----	Prunus serotina--5551-----
Solidago gigantea--6574-----		Quercus alba--5650-----
Stachys hispida--6756-----		Quercus bicolor--5653-----
Stachys palustris--6757-----		Quercus borealis--5656-----
Staphylea trifolia--6763-----		Quercus macrocarpa--5662-----
Symplocarpus foetidus--6841-----		Quercus velutina--5674-----
Teucrium canadense--6871-----		Salix nigra--6139 <i>u</i> X
Thalictrum dasycarpum--6883 <i>C</i> X		Tilia americana--6025-----
Thelypteris palustris--6907-----		Ulmus americana--7087-----
Tovara virginiana--6943-----		Ulmus rubra--7093-----
Trillium sp.--7021-----		Ulmus thomasi--7096-----

TREES *L. nitida* X *bella* C

Additional species: *Pharos* *centrocarpa* A
 36. 30" Cottonwood young *u* Boxelder *u* *Pharos* 20 *Ribes* 10 *Hesperis* 10
 dense water leaf 90 *u* *Alliaria*