

Thomas Williams MetroPark Natural Resources Management Plan

Tara Kauffman, Natural Resources Manager
Brad Phillips, Environmental Projects Coordinator
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Erie MetroParks mission is to conserve natural resources while connecting the community with nature through education and exploration.

Erie MetroParks holds the Conservation Easement for what now is Thomas Williams MetroPark located in the City of Vermilion, Erie County, Ohio consisting of approximately 7.39 acres. Thomas Williams MetroPark is broken up into two separate areas one is 3.14 acres and the other is 4.25 acres, both of which are wooded lots with Edson Creek running through (*see attachment property map*). The common purpose associated with the easement is preserving the conservation values of the protected property. This property has substantial value as a scenic, natural, aesthetic and educational resource in its present state as a natural, scenic, open and wooded area, constituting natural habitat for plants and wildlife. Access and parking are limited due to the location behind 2 housing developments.

Features and Resources

The habitat consists of a wooded creek bottom with steep ravine areas. The dominant canopy species are Green Ash (*Fraxinus pennsylvanica*) and Pin Oak (*Quercus palustris*) with the sub-dominant species being Bladdernut (*Staphylea trifolia*) and Ohio Buckeye (*Aesculus glabra*). The Green Ash are being killed by Emerald Ash Borer, which will change the nature of the woodland (*see attachments - plant list thru June of 2012 and bird list thru 2016*).

Management Strategies

Invasive species have the ability to spread aggressively, choking out native plants. Problem species observed so far include Garlic Mustard (*Alliaria petiolata*), Tartarian Honeysuckle (*Lonicera tatarica*), Japanese Honeysuckle (*Lonicera japonica*), Reed Canary Grass (*Phalaris arundinacea*), Multiflora Rose (*Rosa multiflora*) and Chinese Wintercreeper (*Euonymus fortunei*).

**Thomas
Williams
MetroPark
(North)**



**Thomas
Williams
MetroPark
(South)**





Williams MetroPark Plant List thru 2012

Sunday, June 23, 2013

Code	Common Name	SciName	Williams	Origin	Listed	Invasive
L V						
	Fern, Marginal Wood	Dryopteris marginalis (L.) A.Gray	X		N	
1						
P						
	Agrimony, Common	Agrimonia gryposepala Wallr.	R		N	
	Aster,	Aster sp, lanceolate	X		N	
	Aster, Arrow-leaved	Aster saggitifolius Wedem ex Willd.	X		N	
	Avens, Spring	Geum vernum (Raf.) T & G.	X		N	
	Avens, White	Geum canadense Jacq.	C W		N	
	Bedstraw, Cleavers	Galium aparine L.	R		N	
	Bindweed, Hedge	Calystegia sepium (L) R.Br.	X		N	
	Bluebells	Mertensia virginica (L.) Pers.	U M		N	
	Burdock, Common	Arctium minus Bernh.	U M		A	
	Buttercup, Kidney-leaved	Ranunculus abortivus L.	X		N	
	Buttercup, Swamp	Ranunculus hispidus Michx var nitidus	U		N	
	Carrion Flower, Upright	Smilax ecirrata (Engelm.) S.Wats.	R		N	
	Clearweed, Common	Pilea pumila (L) A.Gray	U		N	
	Coneflower, Cut-leaved	Rudbeckia laciniata L.	R		N	
	Cress, Common Winter	Barbarea vulgaris R.Br.	R		A	
	Cress, Hoary Bitter	Cardamine hirsuta L	X		A	
	Cress, Pennsylvania Bitter	Cardamine pennsylvanica Muhl.	X?		N	
	Cucumber, Wild	Echinocystis lobata (Michx.) T.& G.	R		N	
	Dame's Rocket	Hesperis matronalis L.	C W		A	
	Dandelion, Common	Taraxacum officinale Weber	X		A	
	Dead-nettle, Purple	Lamium purpureum L.	X		A	
	Dock, Curled	Rumex crispus L.	R		A	
	Dragon, Green	Arisaema dracontium (L.) Schott.	R		N	
	False Mermaid	Floerkea proserpinacoides Willd.	X		N	
	Fawn-lily, Yellow	Erythronium americanum Ker.	X		N	
	Fleabane, Philadelphia	Erigeron philadelphicus L.	X edge		N	
	Garlic, Wild	Allium canadense L.	U W		N	
	Geranium, Wild	Geranium maculatum L.	R		N	

Code	Common Name	SciName	Williams	Origin	Listed	Invasive
	Goldenrod, Canada (+Tall)	<i>Solidago canadensis</i> L.	X ?	N		
	Grass, Bluegrass, a	<i>Poa</i> sp.	X	Z		
	Grass, Orchard	<i>Dactylis glomerata</i> L.	R edge	A		
	Grass, Quack	<i>Elymus repens</i> (L.) Gould (<i>Agropyron</i>)	R	A		
	Grass, Reed Canary	<i>Phalaris arundinacea</i> L.	U L	A		X
	Grass, White	<i>Leersia virginica</i> Willd.	C L	N		
	Ground Ivy	<i>Glechoma hederacea</i> L.	U edge	A		
	Harbinger-of-Spring	<i>Erigenia bulbosa</i> (Michx.) Nutt.	X	N		
	Hog-peanut	<i>Amphicarpa bracteata</i> (L.) Fern.	U	N		
	Honewort,	<i>Cryptotaenia canadensis</i> (L) DC	X	N		
	Indian-Strawberry	<i>Duchesnea indica</i> (Andrews) Focke	X	A		
	Jack-in-the-pulpit	<i>Arisaema triphyllum</i> (L.) Schott	R	N		
	Jewelweed, Orange (Touch-me-not)	<i>Impatiens capensis</i> Meerb.	A W	N		
	Knotweed, Virginia	<i>Polygonum virginianum</i> L.	C W	N		
	Lady's-thumb	<i>Polygonum persicaria</i> L.	X?	A		
	Mayapple	<i>Podophyllum peltatum</i> L.	R L	N		
	Meadow-parsnip, Yellow	<i>Thaspium trifoliatum</i> (L.) A. Gray	R	N		
	Moneywort	<i>Lysimachia nummularia</i> L.	C W	A		
	Mustard, Garlic	<i>Alliaria petiolata</i> (M.Bieb) Cavara & Grande	C L	A		X
	Nettle, Stinging	<i>Urtica dioica</i> L.	R	N		
	Nightshade, Bittersweet	<i>Solanum dulcamara</i> L.	U W	A		
	Nightshade, Common Enchanter's	<i>Circaea lutetiana</i> L.	A W	N		
	Periwinkle, Common	<i>Vinca minor</i> L.	U	A		
	Plantain, Common	<i>Plantago major</i> L.	R	A		
	Pokeweed	<i>Phytolacca americana</i> L.	R	N		
	Ragweed, Giant	<i>Ambrosia trifida</i> L.	U M	N		
	Rue, Tall Meadow	<i>Thalictrum dasycarpum</i> Fisch. & Lall.	R	N		
	Rush, Path	<i>Juncus tenuis</i> Willd.	R	N		
	Sedge, Crested	<i>Carex cristatella</i> Britton	X?	N		
	Sedge, laxiflorae	<i>Carex</i> sec. <i>Laxiflorae</i>	X	N		
	Sedge, Radiate	<i>Carex radiata</i> (Wahlenb.)Small	X?	N		
	Sedge, Stellate	<i>Carex rosea</i> Schkuhr ex Willd.	X	N		
	Smartweed, a	<i>Polygonum</i> sp.	X	N		
	Snakeroot, a Black	<i>Sanicula</i> sp.	U W	N		

Code	Common Name	SciName	Williams	Origin	Listed	Invasive
	Solomon's-seal, Hairy	Polygonatum pubescens (Willd.) Pursh	R	N		
	Spring-beauty	Claytonia virginica L.	R	N		
	St.-John's-wort, Spotted	Hypericum punctatum Lam.	X	N		
	Stonecrop, Wild	Sedum ternatum Michx.	U L	N		
	Thistle, Bull	Cirsium vulgare (Savi) Tenore	X	A		
	Thistle, Canada	Cirsium arvense (L) Scop.	U L	A		X
	Tinker's-weed	Triosteum perfoliatum L.	R	N		
	Toothwort, Cut-leaved	Cardamine concatenata (Michx.) Sw.[Dentaria laciniata]	R	N		
	Trillium, Large-flowered	Trillium grandiflorum (Michx) Salisb.	R -3	N		
	Vervain, White	Verbena urticifolia L.	R	N		
	Violet, Common Blue	Viola sororia Willd.	X?	N		
	Violet, Common White (Cream)	Viola striata Ait.	C L	N		
	Violet, Common Yellow	Viola pubescens Ait.	X	N		
	Water-Hemlock	Cicuta maculata L.	C M	N		
	Waterleaf, Virginia	Hydrophyllum virginianum L.	R	N		
	Wingstem	Verbesina alternifolia (L)Britt.	U M	N		
	Wood-nettle	Laportea canadensis (L.) Wedd.	R	N		
	Woodruff, Sweet	Galium odoratum (L.) Scop.	X	A		
	Wood-sorrel, Common yellow	Oxalis stricta L.	R	N		

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	Ash, Red and Green	Fraxinus pennsylvanica Marshall	A W	N		
	Basswood	Tilia americana L.	U	N		
	Bladdernut	Staphylea trifolia L.	A W	N		
	Bramble, Black Raspberry	Rubus occidentalis L.	R	N		
	Bramble, Common Blackberry	Rubus allegheniensis Porter.	U W	N		
	Buckeye, Ohio	Aesculus glabra Willd.	A W	N		
	Buckthorn, European	Rhamnus cathartica L.	X?	A		X
	Cherry, Sweet	Prunus avium L.	C W	A		
	Cherry, Wild Black	Prunus serotina Ehrh.	C W	N		
	Choke Cherry	Prunus virginiana L.	U W	N		
	Coralberry	Symphoricarpos orbiculatus Moench	X?	N		
	Creeper, Thicket	Parthenocissus vitacea (Knerr.) A.Hitch.[P.inserta]	R	N		

Code	Common Name	SciName	Williams	Origin	Listed	Invasive
	Creeper, Virginia	Parthenocissus quinquefolia (L) Planch.	C W	N		
	Dogwood, Gray (Panicked)	Cornus racemosa Lam.	X	N		
	Dogwood, Rough-leaved	Cornus drummondii C.A.Meyer	X	N		
	Elderberry or Common Elder	Sambucus canadensis L.	U	N		
	Elm, Red (Slippery)	Ulmus rubra Muhl.	R	N		
	Elm, White (American)	Ulmus americana L.	U	N		
	Grape, Frost	Vitis vulpina L.	U	N		
	Grape, Riverbank	Vitis riparia Michx.	R	N		
	Greenbrier, Bristly	Smilax hispida Muhl.	U	N		
	Hackberry	Celtis occidentalis L.	U	N		
	Hawthorn, a	Crataegus sp.	A W	N		
	Hickory, Bitternut	Carya cordiformis (Wang.) K.Koch	R	N		
	Hickory, Sweet Pignut	Carya ovalis (Wang) Sarg.	R ?	N		
	Honey-locust	Gleditsia triacanthos L.	U	N		
	Honeysuckle, Amur	Lonicera maackii (Rupr.) Maxim.	X	A		X
	Honeysuckle, Japanese	Lonicera japonica Thunb.	U M	A		X
	Honeysuckle, Morrow	Lonicera morrowii A.Gray	X	A		X
	Honeysuckle, Tartarian	Lonicera tatarica L.	U	A		X
	Hop-Hornbeam	Ostrya virginiana (Mill.) K.Koch	R	N		
	Ivy, Boston	Parthenocissus tricuspidatus (Siebold & Zuch.)	X?	A		
	Ivy, Poison	Toxicodendron radicans (L) Ktze.	A W	N		
	Maple, Ash-leaved(Box-elder)	Acer negundo L.	U	N		
	Maple, Norway	Acer platanoides L.	R	A		X
	Maple, Silver	Acer saccharinum L.	U	N		
	Maple, Sugar	Acer saccharum Marsh	C	N		
	Moonseed	Menispermum canadense L.	U	N		
	Mulberry, Red	Morus rubra L.	R	N		
	Oak, Pin	Quercus palustris Muenchh.	U W	N		
	Oak, Red	Quercus rubra L.	R	N		
	Oak, White	Quercus alba L.	R	N		
	Pine, Austrian	Pinus nigra Arn.	pl	A		
	Privet, Common	Ligustrum vulgare L.	U W	A		X
	Rose, Multiflora	Rosa multiflora Thunb.	U W	A		X
	Tulip-poplar	Liriodendron tulipifera L.	R	N		

Code	Common Name	SciName	Williams	Origin	Listed	Invasive
	unk Viburnum	Viburnum sp.	X			
	Viburnum, Euro. Cranberry	Viburnum opulus L.	U	A		
	Wahoo, Winged (burning bush)	Euonymous alatus (Thunb.) Sieb.	R	A		X
	Walnut, Black	Juglans nigra L.	U	N		
	Wintercreeper, Chinese	Euonymous fortunei (Turcz.) Hand.-Mazz.	A L N	A		X

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Legend for Plant List

Code	Listed	Origin	Abundance/Distribution	Description of Code
L V				Lower Vascular Plant
P				Herbaceous
T				Woody Plant
	E			Endangered on State List
	P			Potentially Threatened on State List
	T			Threatened on State List
		A		Alien to Area and Country
		N		Native to Area, Indigenous
		Z		Naturalized from other part of country
			** bl	found by J. Blakeman
			** dnr	found by ODNR personnel
			** et	found by Envirotech Consultants
			** JB	found by J. Bissell
			** jm	found by John Mack
			** LT	found by L. Terveen
			A L	Abundant & Local
			A M	Abundant & Moderately Distributed
			A W	Abundant & Widespread
			ark	planted by J. Blakeman in 'ark' prairie
			C L	Common & Local
			C M	Common & Moderately Distributed
			C W	Common & Widespread
			N	Unknown Abundance or Distribution
			o	old record, not found recently
			pl	planted, usually leftover landscaping
			R L	Rare & Local
			R M	Rare and Moderately Distributed
			R W	Rare and Widespread
			re	restoration planting species
			U L	Uncommon & Local
			U M	Uncommon & Moderately Distributed
			U W	Uncommon & Widespread
			X	Present



Birds of Williams MetroPark thru 2016

Tuesday, February 07, 2017

Species	Williams
Canada Goose	Fly-by visitor
Mallard Duck	Flyover
Green Heron	Summer Visitor
Red-tailed Hawk	Resident
Ring-billed Gull	Year-round visitor
Mourning Dove	Resident
Great Horned Owl	Resident
Chimney Swift	Summer Resident
Ruby-throated Hummingbird	Summer Resident
Red-bellied Woodpecker	Resident
Downy Woodpecker	Resident
Hairy Woodpecker	Resident
Yellow-shafted Flicker	Resident
Eastern Wood Pewee	Summer Resident
Least Flycatcher	Spring Migrant
Great Crested Flycatcher	Summer Resident
Warbling Vireo	Migrant
Red-eyed Vireo	Summer Resident
Blue Jay	Resident
American Crow	Resident
Black-capped Chickadee	Resident
Tufted Titmouse	Resident
White-breasted Nuthatch	Resident
Brown Creeper	Migrant
Carolina Wren	Resident
House Wren	Summer Resident
Golden-crowned Kinglet	Migrant
Ruby Crowned Kinglet	Spring Migrant
Blue-gray Gnatcatcher	Summer Resident
Eastern Bluebird	Resident?
Swainson's Thrush	Spring Migrant
American Robin	Resident
Gray Catbird	Resident

Species	Williams
Yellow Warbler	Migrant
Chestnut-sided Warbler	Migrant
Magnolia Warbler	Migrant
Black-throated Blue Warbler	Migrant
Black-throated Green Warbler	Migrant
Yellow-throated Warbler	Resident?
Palm Warbler	Migrant
American Redstart	Summer Resident
Northern Waterthrush	Migrant
Common Yellowthroat	Resident?
Northern Cardinal	Resident
Rose-breasted Grosbeak	Summer Resident
Indigo Bunting	Summer Resident
Chipping Sparrow	Summer Resident
Song Sparrow	Resident
White-throated Sparrow	Winter Visitor
Dark-eyed Junco	Winter Visitor
Red-winged blackbird	Summer Resident
Common Grackle	Summer Resident
Brown-headed Cowbird	Summer Resident
Orchard Oriole	Summer Resident
Baltimore Oriole	Summer Resident
House Finch	Resident
American Goldfinch	Resident
House Sparrow	Resident