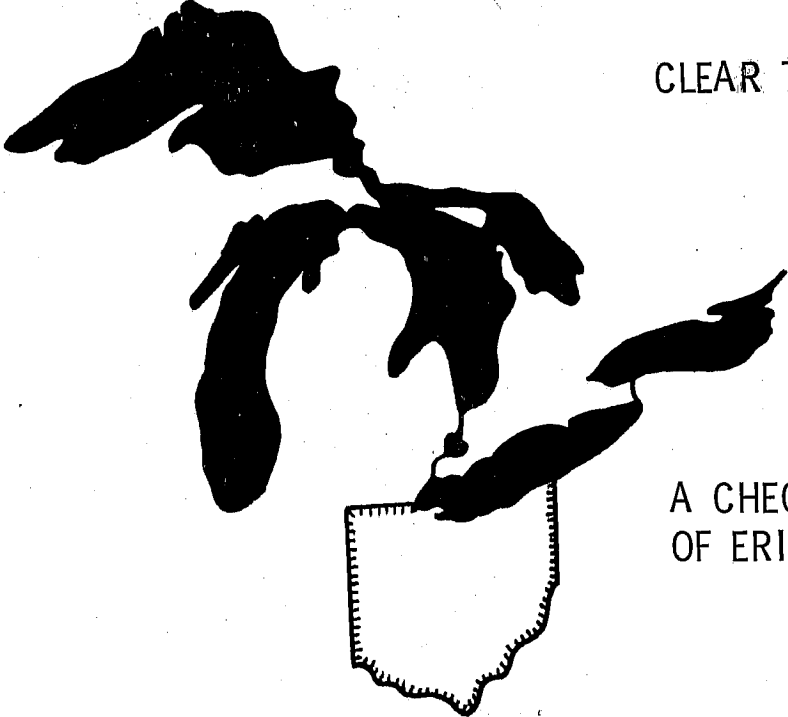


CLEAR TECHNICAL REPORT NO. 118



A CHECKLIST OF THE VASCULAR PLANTS
OF ERIE AND OTTAWA COUNTIES, OHIO

by

Ronald L. Stuckey

and

William R. Carr

Department of Botany
College of Biological Sciences

THE OHIO STATE UNIVERSITY
CENTER FOR LAKE ERIE AREA RESEARCH
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FOREWARD

The following report is a compilation of various floristic studies in Erie and Ottawa Counties, Ohio, beginning shortly before 1900. Since 1966, the two-county area, including the islands in western Lake Erie, has been studied extensively by Dr. Ronald L. Stuckey and his students. This checklist brings together into one document all of the plant lists that have been generated by these studies, as well as earlier floristic studies in the two counties. Mr. William R. Carr conducted the compilation while an undergraduate student in the Department of Botany. His work was supported by the Federal Work Study Program.

Charles E. Herdendorf
Director
June 1979

PREFACE

The vascular flora of the islands and shoreline in western Lake Erie, particularly in Erie and Ottawa Counties, represents one of the most diverse and best studied in Ohio. This checklist of 1,333 taxa attempts to account for all of the known vascular plants growing spontaneously in these two counties. The non-indigenous taxa total 311, which represents 23 percent of the flora.

Historical Review

Early in the nineteenth century, the versatile genius, Constantine Samuel Rafinesque (1836), noted that the shore of Lake Erie near Sandusky in Erie County represented a locality of "great botanical interest." Writing on the sources of the Ohio flora, August D. Selby and J.W.T. Duvel (1899) singled out the Lake Erie region with its inlets, marshes and beaches as one of four distinct floristic regions of Ohio. This floristic region continued to be recognized by John H. Schaffner (1932) when he outlined nine phytogeographic regions for Ohio. The Islands and Sandusky Bay area of western Lake Erie formed one of these regions.

The first comprehensive inventory of the vascular plants of the Islands and Sandusky Bay area was prepared by Edwin L. Moseley, a science teacher in Sandusky High School from 1889 to 1914. His Sandusky Flora (1899) accounted for 612 species of vascular plants for the Islands and nearly 1,300 species for the region, many of

which were unknown elsewhere in Ohio at the time. The aquatic and wetland flora was first thoroughly inventoried by Adrian J. Pieters (1901). With the establishment of the Lake Laboratory by The Ohio State University at Sandusky in 1896 and later at Put-in-Bay by 1918, various botanists continued to study the flora. Perhaps the most significant publication was a flora of the Erie Islands with an annotated catalogue of 818 species of vascular plants prepared by Earl L. Core (1948). In recent years, additional floristic and vegetational studies have become available (Duncan and Stuckey, 1970; Hamilton and Forsyth, 1972; McCormick, 1968; Stuckey, 1968, 1971, 1975, 1978). The flora of the Islands have recently been studied from the viewpoints of its origin, history and change by Ronald L. Stuckey and Thomas Duncan (in press). Over 847 species of vascular plants growing spontaneously have been verified for the Islands.

The Checklist

This checklist is compiled from the individual recent floristic studies for the Erie Islands (Reinking, 1979; Stuckey and Duncan, in press), Resthaven Wildlife Area (Foos, 1971; Hurst, 1971), East Harbor State Park (Moore, 1973, 1976), Old Woman Creek Estuary (Marshall and Stuckey, 1974; Marshall, 1977), Winous Point Shooting Club (Bartolotta, 1978; Lowden, 1967, 1969) and the Marblehead Limestone Quarry (Ross, 1970). Species seen and identified from these localities are marked with an "x" in the checklist; those which were identified in studies or from herbarium specimens 50 or more years ago, but not seen or verified from recent records, are marked with an "o." Records from

Cedar Point, an area not represented by a current study, are marked with an "x" and taken from earlier original studies (Fullmer, 1912, 1913; Jennings, 1906; Kellerman and Jennings, 1904; Kellerman and York, 1906; Stickney, Schaffner and Davies, 1910). Those woody plants and monocots that were mapped for Erie and/or Ottawa Counties by Braun (1961, 1967) are recorded with an "x." Additional records not covered in the above studies appear in the last column marked "Other." Nomenclature, for the most part, follows Braun (1961, 1967), Fernald (1950), Voss (1972) and recent monographs where appropriate. Non-indigenous species are marked with an asterisk.

	Lake Erie Islands (Ref. 4, 21, 24, 33)	Resthaven Wildlife Area (Ref. 7, 11)	East Harbor State Park (Ref. 19, 20)	Old Woman Creek Estuary (Ref. 17, 34)	Winous Point (Ref. 1, 15, 16)	Marblehead Limestone Quarry (Ref. 25)	Cedar Point (Ref. 8, 9, 12, 13, 14, 28)	Erie and Ottawa Counties (Ref. 2, 3)	Other
EQUISETACEAE									
<i>Equisetum arvense</i> L.	x	x	x	x	x	x	x		
<i>E. fluviatile</i> L.							x		
<i>E. hyemale</i> L. (incl. var. affine (Engelm.) A.A. Eat.)	x	x				x	x		
<i>E. laevigatum</i> A. Br. (incl. <i>E. kansanum</i> Schaffner)		x				x			
<i>E. pratense</i> Ehrh.							x		
<i>E. variegatum</i> Schleich						x	x		
OPHIOGLOSSACEAE									
<i>Botrychium dissectum</i> Spreng.							x		
<i>B. matricariaefolium</i> A. Br.							x		
<i>B. simplex</i> E. Hitchc.							x		
<i>B. virginianum</i> (L.) Sw.	x	o					x		
<i>Ophioglossum vulgatum</i> L.							x		

	Erie Islands	Resthaven	East Harbor	Old Woman Creek	Winous Point	Marblehead Quarry	Cedar Point	Erie and Ottawa Cos.	Other
POLYPODIACEAE									
<i>Adiantum pedatum</i> L.		o							
<i>Asplenium platyneuron</i> (L.) Oakes							x		
<i>A. trichomanes</i> L.	x								
<i>Athyrium felix-femina</i> (L.) Roth							x		
<i>Camptosorus rhizophyllus</i> (L.) Link o Link									
<i>Cystopteris bulbifera</i> (L.) Bernh.		o	o						
<i>C. fragilis</i> (L.) Bernh.		x							
<i>Dryopteris felix-mas</i> (L.) Schott							x		
<i>D. intermedia</i> Muhl.		x							
<i>D. spinulosa</i> (O.F. Muell.) Watt		x					x		
<i>D. x triploidea</i> Wherry		x							
<i>Onoclea sensibilis</i> L.		x		x	x		x		
<i>Osmunda cinnamomea</i> L.				x					
<i>O. regalis</i> L.							x		
<i>Pellaea glabella</i> Mett.		x							
<i>Thelypteris palustris</i> (Salisb.) Schott (<i>Dryopteris thelypteris</i> (L.) Gray)		x	x				x		

	Erie Islands	Resthaven	East Harbor	Old Woman Creek	Winous Point	Marblehead Quarry	Cedar Point	Erie and Ottawa Cos.	Other
SALVINIACEAE									
*Azolla caroliniana Willd.	x				x				
TAXACEAE									
Taxus canadensis Marsh.	x							x	
TAXODIACEAE									
*Taxodium distichum (L.) Richard		x			x				
CUPRESSACEAE									
Juniperus communis L.							x	x	
J. virginiana L.	x	x			x	x	x	x	
PINACEAE									
*Pinus strobus L.	x			x			x	x	
Thuja occidentalis L.									x
<u>MONOCOTYLEDONEAE</u>									
TYPHACEAE									
Typha angustifolia L.	x	x	x	x	x	x	x	x	x
T. x glauca Godr.	x	o							
T. latifolia L.	x	x	x	x	x	x	x	x	x

	Erie Islands	Resthaven	East Harbor	Old Woman Creek	Winous Point	Marblehead Quarry	Cedar Point	Erie and Ottawa Cos.	Other
SPARGANIACEAE									
<i>Sparganium americanum</i> Nutt.								x	
<i>S. androcladum</i> (Engelm.) Morong								x	
<i>S. eurycarpum</i> Engelm.	x		x	x	x	x	x	x	
POTAMOGETONACEAE									
<i>Potamogeton amplifolius</i> Tuckerm.	o		o		o		x	x	
* <i>P. crispus</i> L.	x	x	x		x			x	
<i>P. filiformis</i> Pers.	x								
<i>P. foliosus</i> Raf.	x	x	x		x	x	x	x	
<i>P. friesii</i> Rupr.	o							x	
<i>P. gramineus</i> L.	o		o		o			x	
<i>P. illinoensis</i> Morong	x				o		x	x	
<i>P. natans</i> L.	o						x	x	
<i>P. nodosus</i> Poir.	x	x		x	x		x	x	
<i>P. pectinatus</i> L.	x	x	x	x	x	x	x	x	
<i>P. perfoliatus</i> L.	o		o		o		x	x	
<i>P. praelongus</i> Wulfen	o							x	
<i>P. pusillus</i> L. (<i>P. berchtoldii</i> Fieber)									
var. <i>pusillus</i>	x		o						
var. <i>tenuissimus</i> Mert. & Koch in Rohling	x	x	x			x	x	x	

	Erie Islands	Resthaven	East Harbor	Old Woman Creek	Winous Point	Marblehead Quarry	Cedar Point	Erie and Ottawa Cos.	Other
<i>P. richardsonii</i> (Ar. Benn.) Rydb.	x		x				x	x	
<i>P. robbinsii</i> Oakes			o		o		x	x	
<i>P. strictifolius</i> Ar. Benn.								x	
<i>P. zosteriformis</i> Fern.	o		x		o		x	x	
NAJADACEAE									
<i>Najas flexilis</i> (Willd.) Rostk. & Schmidt (incl. var. <i>robusta</i> Morong)	x	x	x		o	x	x	x	
<i>N. gracillima</i> (A. Br.) Magnus								x	o
<i>N. guadalupensis</i> (Spreng.) Magnus	x		o			x		x	
* <i>N. marina</i> L.	x	x						x	
* <i>N. minor</i> All.			x		x				
ZANNICHELLIACEAE									
<i>Zannichellia palustris</i> L.	x	x	x				x	x	
ALISMATACEAE									
<i>Alisma plantago-aquatica</i> L. (<i>A. subcordatum</i> Raf.)	x	x	x		x	x	x	x	
<i>Lophotocarpus calycinus</i> (Engelm.) J.G. Sm.	x		x		x			x	
<i>Sagittaria cuneata</i> Sheldon	x		x		x			x	
<i>S. graminea</i> Michx.			o		o				

	Erie Islands	Resthaven	East Harbor	Old Woman Creek	Winous Point	Marblehead Quarry	Cedar Point	Erie and Ottawa Cos.	Other
<i>S. latifolia</i> Willd.	x	x	x	x	x		x	x	
<i>S. rigida</i> Pursh	x		x		x		x	x	
JUNCAGINACEAE									
<i>Triglochin palustris</i> L.		x						x	
BUTOMACEAE									
* <i>Butomus umbellatus</i> L.	x		x	x	x			x	
HYDROCHARITACEAE									
<i>Elodea canadensis</i> Michx.	x		x		o		x	x	
<i>E. nuttallii</i> (Planch.) St. John	x				x				
<i>Vallisneria americana</i> Michx.	x		x		o		x	x	
GRAMINEAE									
* <i>Aegilops cylindrica</i> Host					x				
* <i>Agropyron repens</i> (L.) Beauv.	x	x			x	x	x		
<i>A. trachycaulum</i> (Link) Malte (incl. var. <i>glaucum</i> (Pease & Moore) Malte)			x				x	x	
* <i>Agrostis gigantea</i> Roth (<i>A. alba</i> L.)	x	x			x	x	x		
<i>A. perennans</i> (Walt.) Tuckerm.		x						x	

	Erie Islands	Resthaven	East Harbor	Old Woman Creek	Winous Point	Marblehead Quarry	Cedar Point	Erie and Ottawa Cos.	Other
A. scabra Willd.	x								
*A. stolonifera L.	x								
Alopecurus aequalis Sobol.	o				x			**x	
Ammophila breviligulata Fern.			x				x	x	
Andropogon gerardii Vitman	x	x		x			x	x	
A. scoparius Michx.		x				x	x	x	
A. virginicus L.	x							x	
Aristida longespica Poir.								x	
*Arrhenatherum elatius (L.) Mert. & Koch	x								
*Avena sativa L.							x		
Bouteloua curtipendula (Michx.) Torr.						x		x	
Brachyelytrum erectum (Schreb.) Beauv.								x	
*Bromus arvensis L.	x						x		
*B. brizaeformis Fisch. & Mey.								x	
B. ciliatus L.								x	
*B. commutatus Schrad.	x				x				
*B. erectus Huds.	x								
*B. inermis Leyss.	x	x			x				
*B. japonicus Thunb.	x			x		x			
B. kalmii Gray		x						x	

	Erie Islands	Resthaven	East Harbor	Old Woman Creek	Winous Point	Marblehead Quarry	Cedar Point	Erie and Ottawa Cos.	Other
<i>B. latiglumis</i> (Shear) Hitchc.		x						x	
<i>B. purgans</i> L.		o						x	
* <i>B. secalinus</i> L.	x								
* <i>B. sterilis</i> L.	o								
* <i>B. tectorum</i> L.	x	o	x		x				
<i>Calamagrostis canadensis</i> (Michx.) Beauv.	x	x	x	x	x		x	x	
<i>C. inexpansa</i> Gray		x						x	
<i>Cenchrus longispinus</i> (Hack.) Fern.	x						x	x	
<i>Cinna arundinacea</i> L.	o			x	x			x	
* <i>Dactylis glomerata</i> L.	x	x			x		x		
<i>Danthonia spicata</i> (L.) Beauv.								x	
* <i>Digitaria ischaemum</i> (Schreb.) Muhl.						x			
* <i>D. sanguinalis</i> (L.) Scop.	x	x	x	x	x		x		
* <i>Echinochloa crusgalli</i> (L.) Beauv.	x	x	x	x	x		x		
<i>E. muricata</i> (Beauv.) Fern. (<i>E. pungens</i> (Poir.) Rydb.)	x		x	x		x		x	
<i>E. walteri</i> (Pursh) Nash	x		x	x	x		x	x	
* <i>Eleusine indica</i> (L.) Gaertn.		x			x				
<i>Elymus canadensis</i> L.	x	x			x		x	x	

	Erie Islands	Resthaven	East Harbor	Old Woman Creek	Winous Point	Marblehead Quarry	Cedar Point	Erie and Ottawa Cos.	Other
<i>E. riparius</i> Wieg.								X	
<i>E. villosus</i> Muhl.	X						X	X	
<i>E. virginicus</i> L.	X		X	X	X		X	X	
<i>Eragrostis capillaris</i> (L.) Nees	X	X						X	
<i>E. frankii</i> C.A. Mey.		o						X	
<i>E. hypnoides</i> (Lam.) BSP.	X		X		X			X	
* <i>E. cilianensis</i> (All.) Mosher (<i>E. megastachya</i> (Koe1.)Link)	X						X		
<i>E. pectinacea</i> (Michx.) Nees	X			X	X		X	X	
* <i>E. pilosa</i> (L.) Beauv.							X		
* <i>E. poaeoides</i> Beauv.	X								
<i>E. spectabilis</i> (Pursh) Steud.							X	X	
<i>Festuca obtusa</i> Biehler	X						X	X	
<i>F. octoflora</i> Walt.						o	X	X	
<i>F. ovina</i> L.							X		
* <i>F. pratensis</i> Hudson (<i>F. elatior</i> L.)	X	X			X		X		
<i>Glyceria septentrionalis</i> Hitchc. Hitchc.	X	X							
<i>G. striata</i> (Lam.) Hitchc.	X	X	X	X	X			X	
* <i>Holcus lanatus</i> L.	X	X					X		
<i>Hordeum jubatum</i> L.	X	X			X	X	X	X	

	Erie Islands	Resthaven	East Harbor	Old Woman Creek	Winous Point	Marblehead Quarry	Cedar Point	Erie and Ottawa Cos.	Other
*H. vulgare L.							X		
Hystrix patula Moench	X		X				X	X	
Koeleria cristata (L.) Pers.		O						X	
Leersia oryzoides (L.) Sw.	X	X	X	X	X			X	
L. virginica Willd.	O				X			X	
*Lolium multiflorum Lam.	X								
*L. perenne L.	X	X			X		X		
Melica nitens Nutt.		O						X	
Muhlenbergia frondosa (Poir.) Fern.	X				X			X	
M. glomerata (Willd.) Trin.		O							
M. mexicana (L.) Trin.	X	X					X	X	
M. schreberi J.F. Gmel.	X							X	
M. sobolifera (Muhl.) Trin.								X	
M. tenuiflora (Willd.) BSP.		O						X	
Oryzopsis racemosa (Sm.) Hitc.		X						X	
Panicum agrostoides Spreng.								X	
P. capillare L.	X			X	X	X	X	X	
P. clandestinum L.							X	X	
P. dichotomiflorum L.	O				X	X		X	
P. dichotomum L.							X	X	

	Erie Islands	Resthaven	East Harbor	Old Woman Creek	Winous Point	Marblehead Quarry	Cedar Point	Erie and Ottawa Cos.	Other
<i>P. flexile</i> (Gatt.) Scribn.	x	x						x	
<i>P. lanuginosum</i> Ell. (incl. var. <i>fasciculatum</i> (Torr.) Fern.)	x	x				x	x	x	
<i>P. latifolium</i> L.								x	
<i>P. linearifolium</i> Scribn.								x	
<i>P. microcarpon</i> Muhl.								x	
* <i>P. miliaceum</i> L.	x						x		
<i>P. oligosanthos</i> Schultes Var. <i>scribnerianum</i> (Nash) Fern.		o					x	x	
<i>P. villosissimum</i> Nash							x	x	
<i>P. virgatum</i> L.	x		x	x		o	x	x	
<i>Paspalum ciliatifolium</i> Michx.								x	
<i>Phalaris arundinacea</i> L. f. <i>arundinacea</i>	x	x	x	x	x	x	x	x	
f. <i>variegata</i> (Parnell) Druce	x				x				
<i>P. canariensis</i> L.	o								
* <i>Phleum pratense</i> L.	x	x		x	x		x		
<i>Phragmites australis</i> (Cav.) Trin. ex Steud. (P. <i>communis</i> Trin.)	x	x	x		x	x	x	x	
<i>Poa alsodes</i> Gray								x	

	Erie Islands	Resthaven	East Harbor	Old Woman Creek	Winous Point	Marblehead Quarry	Cedar Point	Erie and Ottawa Cos.	Other
*P. annua L.	x						x		
*P. compressa L.	x				x	x	x		
P. languida Hitchc.							x	x	
P. pratensis L.		x		x	x		x		
P. sylvestris Gray								x	
*Puccinellia distans (L.) Parl.	x								
*Secale cereale L.	x						x		
*Setaria faberi Herrm.	x	x		x	x		x		
*S. glauca (L.) Beauv.	x	x		x	x	x	x		
*S. italica (L.) Beauv.							x		
*S. verticillata (L.) Beauv.	o								
*S. viridis (L.) Beauv.	x		x		x		x		
Sorghastrum nutans (L.) Nash		x		x			x	x	
*Sorghum halapense (L.) Pers.	o	x							
*S. vulgare Pers.					x				
Spartina pectinata Link	o	x	x		x		x	x	
Sphenopholis intermedia Rydb.	x	x			x	o		x	
S. nitida (Biehler) Scribn.								x	
S. obtusata (Michx.) Scribn.								x	
Sporobolus asper (Michx.) Kunth								x	

	Erie Islands	Resthaven	East Harbor	Old Woman Creek	Winous Point	Marblehead Quarry	Cedar Point	Erie and Ottawa Cos.	Other
<i>S. cryptandrus</i> (Torr.) Gray							x	x	
<i>S. neglectus</i> Nash								x	
<i>S. vaginiflorus</i> (Torr.) Wood	x	x				x		x	
<i>Stipa spartea</i> Trin.							x	x	
<i>Triodia flava</i> (L.) Smyth								x	
<i>Triplasis purpurea</i> (Walt.) Chapm.	x						x	x	
* <i>Triticum aestivum</i> L.							x		
* <i>Zea mays</i> L.					x		x		
<i>Zizania aquatica</i> L.	o		x		x		x	x	
CYPERACEAE									
<i>Bulbostylis capillaris</i> (L.) C.B. Clarke								x	
<i>Carex albursina</i> Sheldon								x	
<i>C. amphibola</i> Steud. var. <i>turgida</i> Fern.	x				x			x	
<i>C. annectans</i> Bickn.	x		x					x	
<i>C. aquatilis</i> Wahlenb. (incl. var. <i>altior</i> (Rydb.) Fern.)	o	o					x	x	
<i>C. arctata</i> Boott								x	
<i>C. artitecta</i> Mackenz.							x	x	
<i>C. atherodes</i> Spreng.	x	o	x		x			x	
<i>C. aurea</i> Nutt.	x	o						x	

	Erie Islands	Resthaven	East Harbor	Old Woman Creek	Winous Point	Marblehead Quarry	Cedar Point	Erie and Ottawa Cos.	Other
C. bebbii Olney		o							
C. bicknellii Britt.							x		
C. blanda Dewey	x		x					x	
C. brevior (Dewey) Mackenz.	x					o		x	
C. bromoides Schkuhr								x	
C. buxbaumii Wahlenb.		x						x	
C. cephalophora Muhl.	x							x	
C. communis Bailey								x	
C. comosa Boott	x	x	x		x	x	x	x	
C. conjuncta Boott	o								
C. conoidea Schkuhr								x	
C. crawei Dewey		x				x		x	
C. crinita Lam.		x						x	
C. cristatella Britt.	x	x			x			x	
C. davisii Schwein. & Torr.	x		x					x	
C. diandra Schrank		o						x	
C. digitalis Willd.								x	
C. eburnea Boott	x					x		x	
C. emmonsii Dewey	o								
C. emoryi Dewey								x	
C. foenea Willd.								x	

	Erie Islands	Resthaven	East Harbor	Old Woman Creek	Winous Point	Marblehead Quarry	Cedar Point	Erie and Ottawa Cos.	Other
<i>C. frankii</i> Kunth	x		x	x	x		x		
<i>C. gracilescens</i> Steud.								x	
<i>C. gracillina</i> Schwein.								x	
<i>C. garberi</i> Fern.	x		x			x			
<i>C. granularis</i> Muhl.	x	x	x		x	x		x	
<i>C. grayi</i> Carey					x			x	
<i>C. haydenii</i> Dewey			x						
<i>C. hirsutella</i> Mackenz.								x	
<i>C. hirtifolia</i> Mackenz.								x	
<i>C. hyalinolepis</i> Steud.								x	
<i>C. hystricina</i> Muhl.		x	x					x	
<i>C. interior</i> Bailey		o						x	
<i>C. jamesii</i> Schwein.								x	
<i>C. lacustris</i> Willd.	x		x		x		x	x	
<i>C. laevivaginata</i> (Kuek.) Mackenz.			x						
<i>C. lanuginosa</i> Michx.	x	x	x		x		x	x	
<i>C. laxiculmis</i> Schwein.								x	
<i>C. laxiflora</i> Lam.		x					x		
<i>C. leavenworthii</i> Dewey								x	
<i>C. lupulina</i> Muhl.	x		x				x	x	

	Erie Islands	Resthaven	East Harbor	Old Woman Creek	Winous Point	Marblehead Quarry	Cedar Point	Erie and Ottawa Cos.	Other
<i>C. meadii</i> Dewey								x	
<i>C. molesta</i> Mackenz.	x							x	
<i>C. muhlenbergii</i> Schkuhr					x		x	x	
<i>C. muskingumensis</i> Schwein.	x		x						
<i>C. oligocarpa</i> Schkuhr	x								
<i>C. pedunculata</i> Muhl.								x	
<i>C. pensylvanica</i> Lam.	x	o						x	
<i>C. plantaginea</i> Lam.								x	
<i>C. prairea</i> Dewey		o						x	
<i>C. pseudo-cyperus</i> L.							x	x	
<i>C. radiata</i> (Wahlenb.) Dewey								x	
<i>C. retroflexa</i> Muhl.								x	
<i>C. richardsonii</i> R. Br.		x						x	
<i>C. rosea</i> Schkuhr	x	o			x		x	x	
<i>C. rostrata</i> Stokes									
<i>C. sartwellii</i> Dewey		x					x	x	
<i>C. scabrata</i> Schwein.								x	
<i>C. schweinitzii</i> Dewey							x		
<i>C. scoparia</i> Schkuhr	o								
<i>C. shortiana</i> Dewey	o								
<i>C. sparganioides</i> Muhl.	x						x	x	
<i>C. sprengelii</i> Dewey	x								

	Erie Islands	Resthaven	East Harbor	Old Woman Creek	Winous Point	Marblehead Quarry	Cedar Point	Erie and Ottawa Cos.	Other
<i>C. sterilis</i> Willd.		o						x	
<i>C. stipata</i> Muhl.	x	x	x		x		x	x	
<i>C. stricta</i> Lam.	x	x					x	x	
<i>C. tetanica</i> Schkuhr		x						x	
<i>C. torta</i> Boott							x	x	
<i>C. tribuloides</i> Wahlenb.	x				x		x	x	
<i>C. trichocarpa</i> Muhl.								x	
<i>C. trisperma</i> Dewey	x								
<i>C. tuckermani</i> Boott								x	
<i>C. viridula</i> Michx.	x	x				x		x	
<i>C. vulpinoidea</i> Michx.	x	x	x	x	x		x	x	
<i>C. woodii</i> Dewey								x	
<i>Cladium mariscoides</i> (Muhl.) Torr.		x						x	
<i>Cyperus diandrus</i> Torr.			x		x		x		
<i>C. engelmannii</i> Steud.	x		x	x	x				
<i>C. erythrorhizos</i> Muhl.	x	x	x		x				
<i>C. esculentus</i> L.	x	x	x	x	x				
<i>C. ferruginescens</i> Boeckl. (<i>C. odoratus</i> L.)	x	x	x	x	x	x	x	x	
<i>C. filiculmis</i> Vahl							x	x	

	Erie Islands	Resthaven	East Harbor	Old Woman Creek	Winous Point	Marblehead Quarry	Cedar Point	Erie and Ottawa Cos.	Other
<i>C. flavescens</i> L. var. <i>poaeformis</i> (Pursh) Fern.								x	
<i>C. houghtonii</i> Torr.									x
<i>C. inflexus</i> Muhl. (<i>C. aristatus</i> Rottb.)									x
<i>C. ovularis</i> (Michx.) Torr.									x
<i>C. rivularis</i> Kunth	x	x	x	x	x	x	x	x	
<i>C. schweinitzii</i> Torr.			x				x		
<i>C. strigosus</i> L.	x	x	x	x	x		x	x	
<i>Dulichium arundinaceum</i> (L.) Britt.							x		
<i>Eleocharis acicularis</i> (L.) R. & S.	x	x	x		x		x	x	
<i>E. compressa</i> Sulliv.	x						x	x	
<i>E. elliptica</i> Kunth			x						x
<i>E. erythropoda</i> Steud. (<i>E. calva</i> Torr.)	x	x	x		x	x	x	x	
<i>E. geniculata</i> (L.) R. & S.	x		x				x		
<i>E. intermedia</i> (Muhl.) Schultes	x						o	x	x
<i>E. obtusa</i> (Willd.) Schultes	x		x		x				x
<i>E. olivacea</i> Torr.		x							
<i>E. smallii</i> Britt.	o		x		x		x	x	

	Erie Islands	Resthaven	East Harbor	Old Woman Creek	Winous Point	Marblehead Quarry	Cedar Point	Erie and Ottawa Cos.	Other
<i>E. rostellata</i> Torr.		x							
<i>E. tenuis</i> (Willd.) Schultes								x	
<i>Eriophorum viridi-carinatum</i> (Engelm.) Fern.								x	
<i>Fimbristylis autumnalis</i> (L.) R. & S.							x	x	
<i>Hemicarpha micrantha</i> (Vahl) Britt.									x
<i>Rhynchospora capillacea</i> Torr.	x	x						x	
<i>R. capitata</i> (Michx.) Vahl								x	
<i>R. globularis</i> (Chapm.) Small var. <i>recognita</i> Gale								x	
<i>Scirpus acutus</i> Muhl.	x	x	x		x		x	x	
<i>S. atrovirens</i> Willd.	x	x	x	x	x		x	x	
<i>S. cyperinus</i> (L.) Kunth	x		x		x				
<i>S. expansus</i> Fern.	o						x	x	
<i>S. fluviatilis</i> (Torr.) Gray	x		x		x		x	x	
<i>S. georgianus</i> Harp.			x					x	
<i>S. pedicellatus</i> Fern.				o					
<i>S. pendulus</i> Muhl. (<i>S. lineatus</i> Michx.)	x	x	x		x	x		x	
<i>S. polyphyllus</i> Vahl								x	
<i>S. pungens</i> Vahl (<i>S. americanus</i> Pers.)	x	x	x	x	x	x	x	x	

	Erie Islands	Resthaven	East Harbor	Old Woman Creek	Winous Point	Marblehead Quarry	Cedar Point	Erie and Ottawa Cos.	Other
<i>S. purshianus</i> Fern.			x					x	
<i>S. smithii</i> Gray			x						
<i>S. torreyi</i> Olney			o					x	
<i>S. validus</i> Vahl var. <i>creber</i> Fern.	x	x	x	x	x	x	x	x	
<i>Scleria pauciflora</i> Muhl.								x	
<i>S. triglomerata</i> Michx.								x	
<i>S. verticillata</i> Muhl.	x	x						x	
ARACEAE									
<i>Acorus calamus</i> L.	o			x			x	x	
<i>Arisaema atrorubens</i> (Ait.) Blume	x			x	x			x	
<i>A. dracontium</i> (L.) Schott								x	
<i>Peltandra virginica</i> (L.) Schott & Endl.				x					
LEMNACEAE									
<i>Lemna minor</i> L.	x	x	x	x	x	x	x	x	
<i>L. trisulca</i> L.	x	o	x		x		x	x	
<i>Spirodela polyrhiza</i> (L.) Schleid.	x		x	x	x		x	x	
<i>Wolffia columbiana</i> Karst.	x		x		x			x	
<i>W. punctata</i> Griseb.	x						x	x	

	Erie Islands	Resthaven	East Harbor	Old Woman Creek	Winous Point	Marblehead Quarry	Cedar Point	Erie and Ottawa Cos.	Other
COMMELINACEAE									
* <i>Commelina communis</i> L.	x				x				
<i>Tradescantia ohiensis</i> Raf.		x	x				x	x	
PONTEDERIACEAE									
<i>Heteranthera dubia</i> (Jacq.) MacM.	x		x		x		x	x	
<i>Pontederia cordata</i> L.	x		x		x		x	x	
JUNCACEAE									
<i>Juncus acuminatus</i> Michx.								x	
<i>J. alpinus</i> Vill. (incl. var. <i>rariflorus</i> Hartn.)	x	x	x			x		x	
<i>J. alpinus</i> Vill. x <i>J. torreyi</i> Coville	x		x			x			
<i>J. x alpiniformis</i> Fern.						x			
<i>J. articulatus</i> L.	x		x			x			
<i>J. balticus</i> Willd. var. <i>littoralis</i> Engelm.		x	x			x	x	x	
<i>J. biflorus</i> Ell.								x	
<i>J. brachycarpus</i> Engelm.								x	
<i>J. brachycephalus</i> (Engelm.) Buchenau								x	
<i>J. bufonius</i> L.	x	x						x	

	Erie Islands	Resthaven	East Harbor	Old Woman Creek	Winous Point	Marblehead Quarry	Cedar Point	Erie and Ottawa Cos.	Other
<i>J. canadensis</i> J. Gay		x					x	x	
<i>J. dudleyi</i> Wieg.	x	x	x			x		x	
<i>J. effusus</i> L. (incl. var. <i>solutus</i> Fern. & Wieg.)	x		x	x	x		x	x	
<i>J. marginatus</i> Rostk.								x	
<i>J. nodosus</i> L.	x	x	x			x	x	x	
<i>J. scirpoides</i> Lam.									x
<i>J. tenuis</i> Willd. (incl. var. <i>anthelatus</i> Wieg.)	x		x	x	x		x	x	
<i>J. torreyi</i> Coville	x	x	x		x	x	x	x	
<i>Luzula carolinae</i> S. Wats.								x	
<i>L. echinata</i> (Small) F.J. Herm.								x	
LILIACEAE									
<i>Aletris farinosa</i> L.								x	
<i>Allium canadense</i> L.	x				x		x	x	
<i>A. cernuum</i> Roth	x	x				x		x	
* <i>A. sativum</i> L.				x	x				
<i>A. tricoccum</i> Ait.	x						x	x	
* <i>A. vineale</i> L.	x	x				x			
* <i>Asparagus officinalis</i> L.	x	x	x	x	x		x		

	Erie Islands	Resthaven	East Harbor	Old Woman Creek	Winous Point	Marblehead Quarry	Cedar Point	Erie and Ottawa Cos.	Other
Camassia scilloides (Raf.) Cory	x							x	
Chamaelirium luteum (L.) Gray								x	
Disporum lanuginosum (Michx.) Nicholson								x	
Erythronium albidum Nutt.	x				x			x	
E. americanum Ker	o			x				x	
*Hemerocallis fulva L.	x	x	x	x			x		
Lilium michiganense Farw.		x						x	
L. philadelphicum L. (incl. var. andinum (Nutt.) Ker)		o						x	
Maianthemum canadense Desf.							x	x	
Medeola virginiana L.								x	
*Ornithogalum umbellatum L.	x					x			
Polygonatum biflorum (Walt.) Ell.	x				x		x		
P. canaliculatum (Muhl.) Pursh Pursh	x						x	x	
P. pubescens (Willd.) Pursh	x							x	
Smilacina racemosa (L.) Desf.	x	x		x	x		x	x	
S. stellata (L.) Desf.	x	x	x				x	x	
Smilax ecirrhata (Engelm.) S. Wats.	x				x		x	x	
S. herbacea L.	x	x					x		

	Erie Islands	Resthaven	East Harbor	Old Woman Creek	Winous Point	Marblehead Quarry	Cedar Point	Erie and Ottawa Cos.	Other
<i>S. lasioneura</i> Hook.		x						x	
<i>S. pulverulenta</i> Michx.								x	
<i>S. rotundifolia</i> L.							x	x	
<i>Trillium erectum</i> L.								x	
<i>T. flexipes</i> Raf.	x							x	
<i>T. grandiflorum</i> (Michx.) Salisb.	x	o		x			x	x	
<i>T. sessile</i> L.								x	
<i>Uvularia grandiflora</i> Sm.	x	o						x	
<i>U. sessilifolia</i> L.								x	
<i>Zygadenus glaucus</i> (Nutt.) Nutt.						o			
DIOSCOREACEAE									
<i>Dioscorea villosa</i> L.	x	o					x	x	
AMARYLLIDACEAE									
<i>Hypoxis hirsuta</i> (L.) Coville		x		x				x	
IRIDACEAE									
<i>Iris brevicaulis</i> Raf.	o							x	
<i>I. shrevei</i> Small	x	x			x		x	x	
<i>I. versicolor</i> L.			x	x				x	
<i>Sisyrinchium albidum</i> Raf.	x	x						x	

	Erie Islands	Resthaven	East Harbor	Old Woman Creek	Winous Point	Marblehead Quarry	Cedar Point	Erie and Ottawa Cos.	Other
<i>S. angustifolium</i> Mill.	x						x	x	
<i>S. mucronatum</i> Michx.						x		x	
ORCHIDACEAE									
<i>Aplectrum hyemale</i> (Muhl.) Torr.							x	x	
<i>Calopogon pulchellus</i> (Salisb.) R. Br.		x						x	
<i>Corallorhiza odontorhiza</i> (Willd.) Nutt.								x	
<i>C. maculata</i> Raf.								x	
<i>Cypridium calceolus</i> L. var. <i>pubescens</i> (Willd.) Correll		o						x	
<i>C. candidum</i> Muhl.		x						x	
<i>C. reginae</i> Walt.							x	x	
* <i>Epipactis helleborine</i> (L.) Crantz				x					
<i>Goodyera pubescens</i> (Willd.) R. Br.								x	
<i>Habenaria clavellata</i> (Michx.) Spreng.								x	
<i>H. flava</i> (L.) R. Br. var. <i>herbiola</i> (R. Br.) Ames & Correll							x	x	
<i>H. hookeri</i> Torr.		o						x	

	Erie Islands	Resthaven	East Harbor	Old Woman Creek	Winous Point	Marblehead Quarry	Cedar Point	Erie and Ottawa Cos.	Other
<i>H. lacera</i> (Michx.) Lodd.								x	
<i>H. leucophaea</i> (Nutt.) Gray								x	
<i>H. psycodes</i> (L.) Spreng.							x	x	
<i>H. viridis</i> (L.) R. Br. var. <i>bracteata</i> (Muhl.) Gray								x	
<i>Liparis loeselii</i> (L.) Richard	x						x	x	
<i>Orchis spectabilis</i> L.								x	
<i>Spiranthes cernua</i> (L.) Richard	x	x	x	x		x	x	x	
<i>S. gracilis</i> (Bigel.) Beck								x	
<i>S. lucida</i> (H.H. Eat.) Ames	x								
<i>S. magnicamporum</i> Sheviak						x			
<i>S. romanzoffiana</i> Cham.		o						x	
<i>Triphora trianthophora</i> (Sw.) Rydb.								x	
<u>DICOTYLEDONEAE</u>									
SAURURACEAE									
<i>Saururus cernuus</i> L.				x					
SALICACEAE									
* <i>Populus alba</i> L.	x					x			
<i>P. balsamifera</i> L.							x		

	Erie Islands	Resthaven	East Harbor	Old Woman Creek	Winous Point	Marblehead Quarry	Cedar Point	Erie and Ottawa Cos.	Other
<i>P. deltoides</i> Marsh.	x	x	x	x	x	x	x	x	
<i>P. grandidentata</i> Michx.	o	x		x				x	
<i>P. heterophylla</i> L.	o							x	
* <i>P. nigra</i> L.	x								
<i>P. tremuloides</i> Michx.	x	x				x	x	x	
* <i>Salix alba</i> L.	x				x		x		
<i>S. amygdaloides</i> Anderss.	x	x	x		x	x	x		
<i>S. x glatfelteri</i> Schneid.								x	
<i>S. babylonica</i> L. x <i>S. fragilis</i> L.								x	
<i>S. bebbiana</i> Sarg.	x	o				x		x	
<i>S. candida</i> Fluegge		x						x	
<i>S. candida</i> Fluegge x <i>S. cordata</i> Michx.	o								
<i>S. caroliniana</i> Michx.					o				
<i>S. discolor</i> Muhl.	x	x			x	x	x	x	
* <i>S. fragilis</i> L.	x				x		x		
<i>S. glaucophylloides</i> Fern. var. <i>glaucophylloides</i>		o					x	x	
var. <i>albovestita</i> (Ball) Fern.							x	x	
<i>S. humilis</i> Marsh.								x	
<i>S. interior</i> Rowlee	x	x	x		x	x	x	x	

	Erie Islands	Resthaven	East Harbor	Old Woman Creek	Winous Point	Marblehead Quarry	Cedar Point	Erie and Ottawa Cos.	Other
<i>S. lucida</i> Muhl.	o					o	x	x	
<i>S. nigra</i> Marsh.	x		x		x		x	x	
<i>S. petiolaris</i> J.E. Smith								x	
* <i>S. purpurea</i> L.	x								
<i>S. rigida</i> Muhl.									
var. <i>rigida</i>	x	x	x			x	x	x	
var. <i>angustata</i> (Pursh) Fern.								x	
<i>S. Syrticola</i> Fern.								x	
MYRICACEA									
<i>Comptonia peregrina</i> (L.) Coult.								x	
JUGLANDACEA									
<i>Carya cordiformis</i> (Wang.) K. Koch	x			x			x	x	
<i>C. glabra</i> (Mill.) Sweet		o							
<i>C. ovalis</i> (Wang.) Sarg.	xx							x	
<i>C. ovata</i> (Mill.) K. Koch	x			x	x			x	
<i>C. tomentosa</i> Nutt.	x								
<i>Juglans cinerea</i> L.					x		x	x	
<i>J. nigra</i> L.	x			x	x		x	x	
CORYLACEAE									
<i>Alnus rugosa</i> (DuRoi) Spreng.								x	

	Erie Islands	Resthaven	East Harbor	Old Woman Creek	Winous Point	Marblehead Quarry	Cedar Point	Erie and Ottawa Cos.	Other
<i>A. serrulata</i> (Ait.) Willd.				x					
* <i>Betula nigra</i> L.								x	
* <i>Betula populifolia</i> Marsh.	x								
<i>Carpinus caroliniana</i> Walt.							x	x	
<i>Corylus americana</i> Walt.				x			x	x	
<i>Ostrya virginiana</i> (Mill.) K. Koch	x			x			x	x	
FAGACEAE									
<i>Castanea dentata</i> (Marsh.) Borkh.								x	
<i>Fagus grandifolia</i> Ehrh.	o							x	
<i>Quercus alba</i> L.	x			x				x	
<i>Q. bicolor</i> Willd.	x				x			x	
<i>Q. borealis</i> Michx. f. (<i>Q. rubra</i> L.)	x			x			x	x	
<i>Q. coccinea</i> Muenchh.						o			
<i>Q. x hawkinsiae</i> Sudw.								x	
<i>Q. imbricaria</i> Michx.							x		
<i>Q. x leana</i> Nutt.								x	
<i>Q. macrocarpa</i> Michx.	x	o			x		x	x	
<i>Q. muehlenbergii</i> Engelm.	x							x	
<i>Q. palustris</i> Muenchh.				x	x		x	x	

	Erie Islands	Resthaven	East Harbor	Old Woman Creek	Winous Point	Marblehead Quarry	Cedar Point	Erie and Ottawa Cos.	Other
<i>Q. prinus</i> L. (<i>Q. montana</i> Willd.)					x	o			
<i>Q. velutina</i> Lam.	x	o					x	x	
ULMACEAE									
<i>Celtis occidentalis</i> L.	x	x			x	x	x	x	
<i>C. tenuifolia</i> Nutt.						x			x
<i>Ulmus americana</i> L.	x	x			x		x	x	
* <i>U. parvifolia</i> Jacq.	x								
<i>U. rubra</i> Muhl.	x	x		x	x	x	x	x	
<i>U. thomasi</i> Sarg.	o								
MORACEAE									
* <i>Maclura pomifera</i> (Raf.) Schneid.	x	x							
* <i>Morus alba</i> L.	x	x			x	x	x		
<i>M. rubra</i> L.	x	x					x	x	
CANNABINACEAE									
* <i>Cannabis sativa</i> L.	x								
<i>Humulus lupulus</i> L.	x	x							
URTICACEAE									
<i>Boehmeria cylindrica</i> (L.) Sw.	x	x	x	x	x	x	x		

	Erie Islands	Resthaven	East Harbor	Old Woman Creek	Winous Point	Marblehead Quarry	Cedar Point	Erie and Ottawa Cos.	Other
Laportea canadensis (L.) Wedd.				x					
Parietaria pensylvanica Muhl.	x				x		x		
Pilea pumila (L.) Gray	x	x	x	x	x				
*Urtica dioica L. (incl. var. procera (Muhl.) Wedd.)	x	x	x	x	x	x	x		
SANTALACEAE									
Comandra umbellata (L.) Nutt.	x	x		x					
ARISTOLOCHIACEAE									
Asarum canadense L.					x				
POLYGONACEAE									
*Fagopyrum sagittatum Gilib.		x			x		x		
Polygonum amphibium L.						o			x
*P. aviculare L.	x	x			x	x	x		
P. coccineum Muhl.	x		x	x	x		x		
*P. convolvulus L.	x	x		x	x		x		
*P. cuspidatum Sieb. & Zucc.					x				
P. erectum L.		o							
P. hydropiper L.	x				x		x		
P. hydropiperoides Michx.	x	x							
P. lapathifolium L.	x	x	x	x	x	x	x		

	Erie Islands	Resthaven	East Harbor	Old Woman Creek	Winous Point	Marblehead Quarry	Cedar Point	Erie and Ottawa Cos.	Other
* <i>P. orientale</i> L.									x
<i>P. pennsylvanicum</i> L. var. <i>pennsylvanicum</i>	x		x	x	x	x	x		
var. <i>eglandulosum</i> Myers	x		x	x					
* <i>P. persicaria</i> L.	x	x	x	x	x	x	x		
<i>P. punctatum</i> Ell.	x		x	x	x	x	x		
<i>P. ramosissimum</i> Michx.	x								
<i>P. sagittatum</i> L.				x	x		x		
<i>P. scandens</i> L.	x	x	x		x	x	x		
<i>P. tenue</i> Michx.		o				o			
* <i>Rumex acetosella</i> L.	x						x		
<i>R. altissimus</i> Wood	x						x		
* <i>R. crispus</i> L.	x	x		x	x		x		
* <i>R. maritimus</i> L. (inc. var. <i>fueginus</i> (Phil.) Dusen)	x				x				
* <i>R. obtusifolius</i> L.	x	x					x		
<i>R. orbiculatus</i> Gray		x		x	x		x		
<i>R. verticillatus</i> L.	x			x	x	x	x		
<i>Tovara virginiana</i> (L.) Raf.					x		x		
CHENOPODIACEAE									
<i>Atriplex patula</i> L. var. <i>patula</i>			x		x				
var. <i>hastata</i> (L.) Gray	x					o	x		
var. <i>littoralis</i> (L.) Gray	x								

	Erie Islands	Resthaven	East Harbor	Old Woman Creek	Winous Point	Marblehead Quarry	Cedar Point	Erie and Ottawa Cos.	Other
* <i>Chenopodium album</i> L.	x		x	x	x	x	x		
* <i>C. ambrosioides</i> L.	x		x						
<i>C. boscianum</i> Moq.							x		
* <i>C. botrys</i> L.						o	x		
* <i>C. glaucum</i> L.	x	o	x						
<i>C. hybridum</i> L.	x				x	x	x		
<i>C. leptophyllum</i> Nutt.	o						x		
* <i>C. murale</i> L.					x				
* <i>Cyclolooma atriplicifolium</i> (Spreng.) Coult.	x		x	x	x		x		
* <i>Salsola kali</i> L. var. <i>tenuifolia</i> Tausch	x		x	x		x			

AMARANTHACEAE

* <i>Amaranthus albus</i> L.	x	x		x	x	x			
* <i>A. graecizans</i> L.	o	o				x	x		
* <i>A. hybridus</i> L.	x				x				
* <i>A. retroflexus</i> L.	x			x	x	x	x		
<i>A. tuberculatus</i> (Moq.) Sauer (<i>Acnida altissima</i> Ridell)	x	o	x		x		x		

NYCTAGINACEAE

* <i>Mirabilis nyctaginea</i> (Michx.) MacM.	x	x	x	x	x	x	x		
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	Erie Islands	Resthaven	East Harbor	Old Woman Creek	Winous Point	Marblehead Quarry	Cedar Point	Erie and Ottawa Cos.	Other
PHYTOLACCACEAE									
<i>Phytolacca americana</i> L.	x	x		x	x	x	x		
PORTULACACEAE									
<i>Claytonia virginica</i> L.	x				x				
* <i>Portulaca oleracea</i> L.	x			x	x			x	
CARYOPHYLLACEAE									
* <i>Agrostemma githago</i> L.	0								
* <i>A. serpyllifolia</i> L.	x	x						x	
<i>A. stricta</i> Michx.	x	x						x	
<i>Cerastium arvense</i> L.	x							x	
* <i>C. tomentosum</i> L.	x								
* <i>C. vulgatum</i> L.	x				x			x	
* <i>Dianthus armeria</i> L.			x						
* <i>Lychnis alba</i> Mill.	x	x			x				
<i>Paronychia virginica</i> Spreng.							0		
* <i>Saponaria officinalis</i> L.	x	x	x	x			x	x	
<i>Silene antirrhina</i> L.	x							x	
* <i>S. cucubalus</i> Wibel	0	x							
* <i>S. noctiflora</i> L.					x				
<i>S. virginica</i> L.	0							x	
* <i>Stellaria graminea</i> L.	x								

	Erie Islands	Resthaven	East Harbor	Old Woman Creek	Winous Point	Marblehead Quarry	Cedar Point	Erie and Ottawa Cos.	Other
<i>S. longifolia</i> Muhl.							x		
* <i>S. media</i> (L.) Cyrillo	x	o			x		x		
CERATOPHYLLACEAE									
<i>Ceratophyllum demersum</i> L.	x		x	x	x		x		
<i>C. echinatum</i> Gray	x				x				
NYMPHAEACEAE									
<i>Brasenia schreberi</i> Gmel.								x	
<i>Nelumbo lutea</i> (Willd.) Pers.	x		x	x	x		x		
<i>Nuphar advena</i> (Ait.) Ait. f.	x		x	x	x		x		
<i>N. variegatum</i> Engelm.			x		x		x		
<i>Nymphaea tuberosa</i> Paine	x		x	x	x		x		
RANUNCULACEAE									
<i>Actaea rubra</i> (Ait.) Willd.								x	
<i>Anemone canadensis</i> L.	x	x			x		x		
<i>A. cylindrica</i> Gray		o					x	x	
<i>A. virginiana</i> L.	x	x		x			x	x	
<i>Anemonella thalictroides</i> (L.) Spach.	x			x					
<i>Aquilegia canadensis</i> L.	x	x						x	
<i>Caltha palustris</i> L.				x					

	Erie Islands	Resthaven	East Harbor	Old Woman Creek	Winous Point	Marblehead Quarry	Cedar Point	Erie and Ottawa Cos.	Other
<i>Cimicifuga racemosa</i> (L.) Nutt.				x					
* <i>Clematis maximowicziana</i> Fr. & Sw.	x								
<i>C. virginiana</i> L.	x	x	x	x	x		x		
* <i>Delphinium ajacis</i> L.	x								
<i>Hepatica acutiloba</i> DC.	x								
<i>H. americana</i> (DC.) Ker.	x	o							
<i>Hydrastis canadensis</i> L.				x					
* <i>Nigella damascena</i> L.	x								
<i>Ranunculus abortivus</i> L.	x					x			
* <i>R. acris</i> L.	x								
* <i>R. bulbosus</i> L.	x								
<i>R. fascicularis</i> Muhl.		o		x					
<i>R. flabellaris</i> Raf.	x								
<i>R. hispidus</i> Michx.						x			
<i>R. longirostris</i> Godr.	x	o	x			o		x	
<i>R. pensylvanicus</i> L. f.	x					x			
* <i>R. repens</i> L.				x					
<i>R. sceleratus</i> L.	x	x	x	x	x	x		x	
<i>R. septentrionalis</i> Poir.	o	x				x			
* <i>R. testiculatus</i> Crantz	x								

	Erie Islands	Resthaven	East Harbor	Old Woman Creek	Winous Point	Marblehead Quarry	Cedar Point	Erie and Ottawa Cos.	Other
<i>Thalictrum dasycarpum</i> Fisch. & Lall.		x							
<i>T. dioicum</i> L.	x	o		x					
<i>T. polygamum</i> Muhl.							x		
BERBERIDACEAE									
* <i>Berberis thunbergii</i> DC.	x								
<i>Caulophyllum thalictroides</i> (L.) Michx.	x								
* <i>Mahonia aquifolium</i> Nutt.	x								
<i>Podophyllum peltatum</i> L.	x			x			x		
MENISPERMACEAE									
<i>Menispermum canadense</i> L.	x	x			x		x	x	
MAGNOLIACEAE									
<i>Liriodendron tulipifera</i> L.							x	x	
<i>Magnolia acuminata</i> L.								x	
ANNONACEAE									
<i>Asimina triloba</i> (L.) Dunal									x
LAURACEAE									
<i>Lindera benzoin</i> (L.) Blume							x	x	
<i>Sassafras albidum</i> (Nutt.) Nees	x	x		x			x	x	

	Erie Islands	Resthaven	East Harbor	Old Woman Creek	Winous Point	Marblehead Quarry	Cedar Point	Erie and Ottawa Cos.	Other
PAPAVERACEAE									
* <i>Macleaya cordata</i> (Willd.) R. Br.		x							
<i>Sanguinaria canadensis</i> L.		x							
* <i>Stylophorum diphyllum</i> (Michx.) Nutt.		x							
FUMARIACEAE									
<i>Corydalis flavula</i> (Raf.) DC.		x					x		
<i>Dicentra cucullaria</i> (L.) Bernh.		x							
* <i>Fumaria officinalis</i> L.		o					x		
CAPPARIDACEAE									
<i>Polanisia dodecandra</i> (L.) DC. (<i>P. graveolens</i> Raf.)		x		x		x	x		
CRUCIFERAE									
* <i>Alliaria officinalis</i> Andrz.		x		x	x				
<i>Arabis canadensis</i> L.			x				x		
<i>A. divaricarpa</i> Nels.							x		
<i>A. drummondii</i> Gray		x							
<i>A. hirsuta</i> (L.) Scop. (incl. var. <i>pycnocarpa</i> (M. Hopkins) Rollins and var. <i>adpressipilis</i> (M. Hopkins) Rollins)			x			x			

	Erie Islands	Resthaven	East Harbor	Old Woman Creek	Winous Point	Marblehead Quarry	Cedar Point	Erie and Ottawa Cos.	Other
<i>A. laevigata</i> (Muhl.) Poir.	x								
<i>A. lyrata</i> L.						o	x		
<i>A. perstellata</i> E.L. Braun var. <i>shortii</i> Fern.	x						x		
<i>A. pycnocarpa</i> M. Hopkins	x								
* <i>A. rusticana</i> (Lam.) Gaertn., Mey. & Scherb. (<i>A.</i> <i>lapathifolia</i> Gilib.)	o								
* <i>Barbarea vulgaris</i> R. Br.	x	x	x	x	x				
* <i>Brassica campestris</i> L.				x			x		
* <i>B. hirta</i> Moench				x					
* <i>B. juncea</i> (L.) Coss.	x	x							
* <i>B. kaber</i> (DC.) L.C. Wheeler		x			x		x		
* <i>B. nigra</i> (L.) Koch	x					x	x		
<i>Cakile edentula</i> (Bigel.) Hook.	x		x				x		
* <i>Capsella bursa-pastoris</i> (L.) Medic.	x	x					x		
<i>Cardamine bulbosa</i> (Muhl.) BSP.		x	x						
<i>C. douglassii</i> Britt.	x								
<i>C. pensylvanica</i> Muhl.	x		x	x	x		x		
<i>Dentaria laciniata</i> Muhl.	x			x					

	Erie Islands	Resthaven	East Harbor	Old Woman Creek	Winous Point	Marblehead Quarry	Cedar Point	Erie and Ottawa Cos.	Other
Descurainia pinnata (Walt.) Britt. var. brachycarpa (Richards) Fern.	x					o	x		
*Diploaxis muralis (L.) DC.	x					x			
Draba reptans (Lam.) Fern.						o			
*D. verna L.	x								
*Erucastrum gallicum (Willd.) O.E. Schulz.			x			x			
*Erysimum cheiranthoides L.	x	o							
E. inconspicuum (S. Wats.) MacM.		o					x		
E. repandum L.			x		x				
*Hesperis matronalis L.	x	x	x	x			x		
*Lepidium campestre (L.) R. Br.	x	x			x				
*L. densiflorum Schrad.	x								
L. virginicum L.	x	x	x				x		
Lobularia maritima (L.) Desv.								x	
*Lunaria annua L.	x								
*L. rediviva L.	x								
*Nasturtium officinale R. Br.	x	x							
*Raphanus raphanistrum L.								x	
Rorippa palustris (L.) Bess. var. hispida (Desv.) Rydb.	x	x	x	x	x				
var. fernaldiana (Butt. & Abbe) Stuckey	x	x	x		x				

	Erie Islands	Resthaven	East Harbor	Old Woman Creek	Winous Point	Marblehead Quarry	Cedar Point	Erie and Ottawa Cos.	Other
<i>R. sessiliflora</i> (Nutt.) Hitchc.									x
* <i>R. sylvestris</i> (L.) Bess.	x	x	x		x		x		
* <i>Sisymbrium altissimum</i> L.	x	x							
* <i>S. officinale</i> (L.) Scop.		x			x		x		
* <i>Thlaspi arvense</i> L.	x	x			x				
CRASSULACEAE									
<i>Penthorum sedoides</i> L.	x	x	x	x	x		x		
* <i>Sedum acre</i> L.	x						x		
* <i>S. purpureum</i> (L.) Link	x								
* <i>S. sarmentosum</i> Bunge	x				x				
* <i>S. sexangulare</i> L.	x								
* <i>S. telephium</i> L.	x	o		x					
<i>S. ternatum</i> Michx.	x		x						
SAXIFRAGACEAE									
<i>Heuchera americana</i> L.	x	x							
* <i>Hydrangea arborescens</i> L.					x				
<i>Parnassia glauca</i> Raf.		x							
<i>Ribes americanum</i> Mill.	x					x	x	x	
<i>R. cynosbati</i> L.	x						x	x	
<i>R. lacustre</i> (Pers.) Poir.							x	x	

	Erie Islands	Resthaven	East Harbor	Old Woman Creek	Winous Point	Marblehead Quarry	Cedar Point	Erie and Ottawa Cos.	Other
*R. odoratum Wendland f.	x								
*R. sativum Syme	x			x					
HAMAMELIDACEAE									
Hamamelis virginiana L.								x	
PLATANACEAE									
Platanus occidentalis L.	x	x					x	x	
ROSACEAE									
Agrimonia gryosepala Wallr.				x			x		
A. parviflora Ait.		x			x		x		
A. pubescens Wallr.		x			x		x		
A. striata Michx.		o							
Amelanchier arborea (Michx. f.) Fern.							x	x	
A. sanguinea (Pursh) DC.	x						x	x	
A. spicata (Lam.) K. Koch	x							x	
*Cotoneaster simmonsii Baker	x								
Crataegus calpodendron (Ehrh.) Medic.								x	
C. crus-galli L.	x							x	
C. disperma Ashe								x	
C. fontanesiana (Spach) Steud.								x	

	Erie Islands	Resthaven	East Harbor	Old Woman Creek	Winous Point	Marblehead Quarry	Cedar Point	Erie and Ottawa Cos.	Other
<i>C. franklinensis</i> Sarg.								x	
<i>C. gravis</i> Ashe								x	
<i>C. intricata</i> Lange								x	
<i>C. macrosperma</i> Ashe								x	
<i>C. mollis</i> (T. & G.) Scheele	x	x			x	x		x	
* <i>C. monogyna</i> Jacq.	o								
<i>C. pedicellata</i> Sarg.								x	
<i>C. populnea</i> Ashe								x	
<i>C. pringlei</i> Sarg.								x	
<i>C. pruinosa</i> (Wendl.) K. Koch								x	
<i>C. punctata</i> Jacq.								x	
<i>C. pyracanthoides</i> Beadle var. <i>arborea</i> (Beadle) Palmer								x	
<i>C. suborbiculata</i> Sarg.								x	
<i>C. succulenta</i> Link								x	
* <i>Duchesnea indica</i> (Andr.) Focke	x								
<i>Fragaria vesca</i> L. var. <i>americana</i> Porter	x	o						x	
<i>F. virginiana</i> Duchesne	x	x		x				x	
<i>Geum canadense</i> Jacq.	x	x		x	x	x	x		
<i>G. laciniatum</i> Murr.				x	x				
<i>G. vernum</i> (Raf.) T. & G.					x	o			

	Erie Islands	Resthaven	East Harbor	Old Woman Creek	Winous Point	Marblehead Quarry	Cedar Point	Erie and Ottawa Cos.	Other
<i>Physocarpus opulifolius</i> (L.) Maxim.	x						x	x	
<i>Potentilla anserina</i> L.	x	x	x				x		
* <i>P. argentea</i> L.		x					x		
<i>P. arguta</i> Pursh						x			
<i>P. canadensis</i> L.				x			x		
<i>P. fruticosa</i> L.		x						x	
* <i>P. intermedia</i> L.	x								
<i>P. norvegica</i> L.	x	x			x		x		
<i>P. palustris</i> (L.) Scop.							x		
<i>P. paradoxa</i> Nutt.	x						x		
* <i>P. recta</i> L.	x	x				x			
<i>P. simplex</i> Michx.		x							
<i>Prunus americana</i> Marsh.	x	x					x	x	
* <i>P. avium</i> L.	o								
* <i>P. cerasus</i> L.	x								
* <i>P. mahaleb</i> L.	x								
<i>P. pensylvanica</i> L. f.					x				
* <i>P. persica</i> (L.) Batsch	x						x		
<i>P. pumila</i> L.							x	x	
<i>P. serotina</i> Ehrh.	x				x		x	x	

	Erie Islands	Resthaven	East Harbor	Old Woman Creek	Winous Point	Marblehead Quarry	Cedar Point	Erie and Ottawa Cos.	Other
<i>P. susquehanae</i> Willd.								X	
* <i>P. tomentosa</i> Thunb.	X								
<i>P. virginiana</i> L.	X	O					X	X	
* <i>Pyrus aucuparia</i> (L.) Gaertn.	X								
* <i>P. communis</i> L.	X								
<i>P. coronaria</i> L.									X
<i>P. floribunda</i> Lindl.									X
* <i>P. malus</i> L.	X	X				X	X		
<i>P. melanocarpa</i> (Michx.) Willd.									X
* <i>P. pyrifolia</i> (Burm. f.) Nakai	O								
<i>Rosa blanda</i> Ait.	X	X		X		X	X	X	
* <i>R. canina</i> L.	X					X			
<i>R. carolina</i> L.	X						X	X	
* <i>R. cinnamomea</i> L.	O								
<i>R. eglanteria</i> L.						O			
* <i>R. micrantha</i> Sm.	X								
* <i>R. multiflora</i> Thunb.	X	X		X	X	X			
<i>R. palustris</i> Marsh.	X	X	X	X	X		X	X	
<i>R. setigera</i> Michx.	X	X		X	X	X	X	X	
<i>Rubus allegheniensis</i> Porter						X	X	X	
<i>R. corei</i> Bailey	X								

	Erie Islands	Resthaven	East Harbor	Old Woman Creek	Winous Point	Marblehead Quarry	Cedar Point	Erie and Ottawa Cos.	Other
<i>R. eriensis</i> Bailey	X								
<i>R. gordonii</i> Bailey	X								
<i>R. hispidus</i> L.								X	
<i>R. idaeus</i> L. var. <i>strigosus</i> (Michx.) Maxim.								X	
<i>R. occidentalis</i> L.	X	X			X	X	X	X	
<i>R. odoratus</i> L.								X	
<i>R. pubescens</i> Raf.								X	
<i>R. roribaccus</i> (Bailey) Rydb.								X	
<i>R. rosagnetis</i> Bailey							X	X	
<i>Spiraea alba</i> DuRoi				X				X	
<i>S. tomentosa</i> L.								X	

LEGUMINOSAE

<i>Amphicarpaea bracteata</i> (L.) Fern. var. <i>bracteata</i>				0			0		
var. <i>comosa</i> (L.) Fern.	X				X		X		
<i>Apios americana</i> Medic.					X		X		
<i>Astragalus canadensis</i> L.	X								
<i>Cassia hebecarpa</i> Fern.			X						
<i>C. marilandica</i> L.					X		0		
<i>Cercis canadensis</i> L.	X							X	

	Erie Islands	Resthaven	East Harbor	Old Woman Creek	Winous Point	Marblehead Quarry	Cedar Point	Erie and Ottawa Cos.	Other
<i>Desmodium canadense</i> (L.) DC.		x		x			x		
<i>D. canescens</i> (L.) DC.	x	x				x	x		
<i>D. ciliare</i> (Muhl.) DC.		o							
<i>D. cuspidatum</i> (Muhl.) Loud.		o				o	x		
<i>D. glutinosum</i> (Muhl.) Wood		o							
<i>D. illinoense</i> Gray						o			
<i>D. marilandicum</i> (L.) DC.		o							
<i>D. nudiflorum</i> (L.) DC.		o				o			
<i>D. paniculatum</i> (L.) DC. (incl. var. <i>dillenii</i> (Darl.) Isely)	o	o				x	x		
<i>D. rotundifolium</i> DC.		o							
<i>D. sessilifolium</i> (Torr.) T. & G.		x							
<i>Gleditsia triacanthos</i> L.	x					x	x	x	x
<i>Gymnocladus dioica</i> (L.) Koch	x								x
<i>Lathyrus japonicus</i> Willd.							x		
* <i>L. latifolius</i> L.	x								
<i>L. ochroleucus</i> Hook.		o							
<i>L. palustris</i> L.		o	x				x		
<i>L. venosus</i> Muhl.		o							
<i>Lespedeza capitata</i> Michx.		o		x			x		

	Erie Islands	Resthaven	East Harbor	Old Woman Creek	Winous Point	Marblehead Quarry	Cedar Point	Erie and Ottawa Cos.	Other
<i>L. intermedia</i> (S. Wats.) Britt.		0							
<i>L. x nuttallii</i> Darl.		0							
<i>L. violacea</i> (L.) Pers.	x	0				x	x		
<i>L. virginica</i> (L.) Britt.		x		x					
* <i>Lotus corniculatus</i> L.	x	x							
<i>Lupinus perennis</i> L. var. <i>occidentalis</i> S. Wats.		0							
* <i>Medicago lupulina</i> L.	x	x			x	x	x		
* <i>M. sativa</i> L.	x					0			
* <i>Melilotus alba</i> Desr.	x	x	x	x	x	x	x		
* <i>M. officinalis</i> (L.) Lam.	x	x	x	x	x	x	x		
* <i>Robinia pseudo-acacia</i> L.	x				x	x	x	x	
<i>Strophostyles helvola</i> (L.) Ell.	x		x	x	x		x		
* <i>Trifolium hybridum</i> L.	x				x		x		
* <i>T. pratense</i> L.	x	x			x	x	x		
* <i>T. procumbens</i> L.	x								
* <i>T. repens</i> L.	x				x		x		
<i>Vicia americana</i> Muhl.	x	x							
<i>V. caroliniana</i> Walt.		0							
* <i>V. dasycarpa</i> Ten.	x								
* <i>V. sativa</i> L.		0							
* <i>V. villosa</i> Roth	x								

	Erie Islands	Resthaven	East Harbor	Old Woman Creek	Winous Point	Marblehead Quarry	Cedar Point	Erie and Ottawa Cos.	Other
LINACEAE									
<i>Linum sulcatum</i> Riddell		o				x			
OXALIDACEAE									
<i>Oxalis corniculata</i> L.							x		
<i>O. europaea</i> Jord.	x	x		x	x	x			
<i>O. stricta</i> L.		x							
GERANIACEAE									
<i>Geranium carolinianum</i> L.	x	o				o	x		
* <i>G. columbinum</i> L.	x								
<i>G. maculatum</i> L.	x	x					x		
* <i>G. pusillum</i> L.	x								
<i>G. robertianum</i> L.	x		x		x	x	x		
RUTACEAE									
<i>Ptelea trifoliata</i> L.	x						x	x	
<i>Xanthoxylum americanum</i> Mill.	x	x			x	x	x	x	
SIMAROUBACEAE									
* <i>Ailanthus altissima</i> (Mill.) Swingle	x						x		

	Erie Islands	Resthaven	East Harbor	Old Woman Creek	Winous Point	Marblehead Quarry	Cedar Point	Erie and Ottawa Cos.	Other
POLYGALACEAE									
<i>Polygala senega</i> L.						o			
<i>P. verticillata</i> L.				x					
EUPHORBIACEAE									
<i>Acalypha rhomboidea</i> Raf.	x	x	x	x	x				
<i>A. virginica</i> L.								x	
<i>Euphorbia commutata</i> Engelm.						o	x		
<i>E. corollata</i> L.		x		x		x	x		
* <i>E. cyparissias</i> L.	x								
<i>E. dentata</i> Michx.	x	x		x		x			
<i>E. maculata</i> L.	x	x			x	x	x		
* <i>E. peplus</i> L.	x								
<i>E. polygonifolia</i> L.	x								
<i>E. supina</i> Raf.	x				x	x			
<i>E. vermiculata</i> Raf.						x		x	
* <i>Ricinus communis</i> L.									x
BUXACEAE									
* <i>Buxus sempervirens</i> L.	x								
LIMNANTHACEAE									
<i>Floerkea proserpinacoides</i> Willd.						x			

	Erie Islands	Resthaven	East Harbor	Old Woman Creek	Winous Point	Marblehead Quarry	Cedar Point	Erie and Ottawa Cos.	Other
ANACARDIACEAE									
* <i>Cotinus coggygria</i> Scop.	x								
<i>Rhus aromatica</i> Ait.	x					x	x	x	
<i>R. x borealis</i> (Britt.) Greene	x								
<i>R. copallina</i> L.									x
<i>R. glabra</i> L.	x	x		x	x	x	x	x	
<i>R. radicans</i> L.	x	x		x	x	x	x	x	
<i>R. typhina</i> L.		x	x	x	x	x	x	x	
<i>R. vernix</i> L.									x
AQUIFOLIACEAE									
<i>Ilex verticillata</i> (L.) Gray							x	x	
CELASTRACEAE									
<i>Celastrus scandens</i> L.	x	x				x	x	x	
<i>Euonymus atropurpureus</i> Jacq.	x						x	x	
<i>E. obovatus</i> Nutt.	x								x
STAPHYLEACEAE									
<i>Staphylea trifolia</i> L.	x								x
ACERACEAE									
<i>Acer negundo</i> L.	x	x			x		x	x	
<i>A. nigrum</i> Michx. f.							x	x	

	Erie Islands	Resthaven	East Harbor	Old Woman Creek	Winous Point	Marblehead Quarry	Cedar Point	Erie and Ottawa Cos.	Other
* <i>A. platanoides</i> L.	x								
<i>A. rubrum</i> L.	o			x			x	x	
<i>A. saccharinum</i> L.	x			x	x		x	x	
<i>A. saccharum</i> Marsh.	x	x						x	
HIPPOCASTANACEAE									
<i>Aesculus glabra</i> Willd.	x					o		x	
* <i>A. hippocastanum</i> L.	x								
BALSAMINACEAE									
<i>Impatiens capensis</i> Meerb.	x	x	x	x	x		x		
<i>I. pallida</i> Nutt.	x		x	x					
RHAMNACEAE									
<i>Ceanothus americanus</i> L.			o					x	
<i>C. ovatus</i> Desf.						x		x	
<i>Rhamnus lanceolata</i> Pursh			x					x	
VITACEAE									
<i>Parthenocissus quinquefolia</i> (L.) Planch.	x	x	x	x		x	x	x	
<i>P. vitacea</i> (Knerr) Hitchc. (<i>P. inserta</i> (Kerner) K. Fritsch)	x		x		x			x	
<i>Vitis aestivalis</i> Michx. (incl. var. <i>argentifolia</i> (Munson) Fern.)	x								x

	Erie Islands	Resthaven	East Harbor	Old Woman Creek	Winous Point	Marblehead Quarry	Cedar Point	Erie and Ottawa Cos.	Other
* <i>V. labrusca</i> L.	x							x	
<i>V. riparia</i> Michx.	x	x	x	x	x	x	x	x	
TILIACEAE									
<i>Tilia americana</i> L.	x						x	x	
MALVACEAE									
* <i>Abutilon theophrasti</i> Medic.	x	o		x	x		x		
* <i>Althaea rosea</i> Cav.	x								
<i>Hibiscus militaris</i> Cav.	x								
<i>H. palustris</i> L. (<i>H. moscheutos</i> L.)	x	x	x	x	x				
* <i>H. trionum</i> L.	x			x	x	x	x		
* <i>Malva neglecta</i> Wallr.	x						x		
* <i>Sida spinosa</i> L.	x								
HYPERICACEAE									
<i>Hypericum kalmianum</i> L.	o	x							x
* <i>H. perforatum</i> L.	x	x					x	x	
<i>H. punctatum</i> Lam.	x		x		x		x		
<i>H. virginicum</i> L.		o						x	
TAMARICACEAE									
* <i>Tamarix gallica</i> L.	x		x						

	Erie Islands	Resthaven	East Harbor	Old Woman Creek	Winous Point	Marblehead Quarry	Cedar Point	Erie and Ottawa Cos.	Other
CISTACEAE									
<i>Helianthemum bicknellii</i> Fern.							X		
<i>H. canadense</i> (L.) Michx.		O							
VIOLACEAE									
<i>V. cucullata</i> Ait.							X		
<i>V. nephrophylla</i> Greene	X						X		
* <i>V. odorata</i> L.		O							
<i>V. papilionacea</i> Pursh			X		X				
<i>V. pedatifida</i> G. Don							O		
<i>V. pubescens</i> Ait.	X				X		X		
* <i>V. rafinesquii</i> Greene	X						X		
<i>V. sororia</i> Willd.	X	O							
CACTACEAE									
<i>Opuntia humifusa</i> Raf.	X						O X		X
THYMELAEACEAE									
<i>Dirca palustris</i> L.									X
ELAEAGNACEAE									
* <i>Elaeagnus angustifolia</i> L.					X				

	Erie Islands	Resthaven	East Harbor	Old Woman Creek	Winous Point	Marblehead Quarry	Cedar Point	Erie and Ottawa Cos.	Other
<i>Shepherdia canadensis</i> (L.) Nutt.							x	x	

LYTHRACEAE

<i>Ammannia coccinea</i> Rothb.	x		x		x				
<i>Decodon verticillatus</i> (L.) Ell.	x		x		x		x		
<i>Lythrum alatum</i> Pursh (<i>L. dacotanum</i> Niew.)	x	x	x		x	x			
* <i>L. salicaria</i> L.	x	x	x		x				
<i>Rotala ramoisior</i> (L.) Koehne						o			

ONAGRACEAE

<i>Circaea alpina</i> L.								x	
<i>C. quadrisulcata</i> (Maxim.) & Sav. Franch. & Sav. (incl. var. <i>canadensis</i> (L.) Hara)	x	x			x		x		
<i>Epilobium angustifolium</i> L.				o					
<i>E. glandulosum</i> Lehm.	x	o	x		x	x	x		
* <i>E. hirsutum</i> L.	x		x			x			
<i>E. leptophyllum</i> Raf.				o					
<i>Gaura biennis</i> L.			x		x	x	x		
<i>Ludwigia alternifolia</i> L.								x	
<i>L. palustris</i> (L.) Ell. Var. <i>americana</i> (DC.) Fern. & Grisc.	x	x	x						

	Erie Islands	Resthaven	East Harbor	Old Woman Creek	Winous Point	Marblehead Quarry	Cedar Point	Erie and Ottawa Cos.	Other
<i>L. polycarpa</i> Short & Peter	x		x						
<i>Oenothera biennis</i> L.	x	x	x		x	x	x		
<i>O. parviflora</i> L.	x								
<i>O. rhombipetala</i> Nutt.							x		
HALORAGIDACEAE									
<i>Myriophyllum exalbescens</i> Fern.	x	x	x		x	x	x		
* <i>M. spicatum</i> L.	x	x	x		x	x			
<i>Prosperinaca palustris</i> L.		x				o			
ARALIACEAE									
<i>Aralia nudicaulis</i> L.							x		
<i>A. racemosa</i> L.			o						
<i>Panax quinquefolius</i> L.	o	o							
UMBELLIFERAE									
* <i>Anethum graveolens</i> L.	x								
<i>Angelica atropurpurea</i> L.		x			x		x		
* <i>Anthriscus caucalis</i> Bieb.	x								
* <i>A. sylvestris</i> (L.) Hoffm.	x								
<i>Chaerophyllum procumbens</i> (L.) Crantz	x								
<i>Cicuta bulbifera</i> L.					x		x		

	Erie Islands	Resthaven	East Harbor	Old Woman Creek	Winous Point	Marblehead Quarry	Cedar Point	Erie and Ottawa Cos.	Other
<i>C. maculata</i> L.	0	x		x	x		x		
* <i>Conium maculatum</i> L.	x								
* <i>Daucus carota</i> L.	x	x		x	x	x	x		
<i>Erigenia bulbosa</i> (Michx.) Nutt.	0								
<i>Heracleum lanatum</i> Michx. (<i>H. maximum</i> Bartr.)		0							
<i>Osmorhiza claytonii</i> (Michx.) C.B. Clarke	x						x		
<i>O. longistylis</i> (Torr.) DC.	x						x		
<i>Oxypolis rigidior</i> (L.) C. & R.		x							
* <i>Pastinaca sativa</i> L.	x	x			x		x		
<i>Sanicula canadensis</i> L.	x	x			x		x		
<i>S. marilandica</i> L.		0							
<i>Sium suave</i> Walt.	x		x			x	x		
<i>Taenidia intergerrima</i> (L.) Drude	x								
<i>Thaspium barbinode</i> (Michx.) Nutt.	x					0	x		
<i>T. trifoliatum</i> (L.) Gray	x					0			
<i>Zizia aurea</i> (L.) Koch			x						
CORNACEAE									
<i>Cornus alternifolia</i> L. f			x					x	

	Erie Islands	Resthaven	East Harbor	Old Woman Creek	Winous Point	Marblehead Quarry	Cedar Point	Erie and Ottawa Cos.	Other
<i>C. amomum</i> Mill.					x		x		
<i>C. drummondii</i> Meyer	x	x	x	x	x	x	x	x	
<i>C. florida</i> L.	o			x				x	
<i>C. obliqua</i> Raf.	x	x				x	x		
<i>C. racemosa</i> Lam.		x			x			x	
<i>C. rugosa</i> Lam.	o						x	x	
<i>C. stolonifera</i> Michx.		x	x				x	x	

NYSSACEAE

Nyssa sylvatica Marsh. x

PYROLACEAE

Chimaphila maculata (L.) Pursh x

C. umbellata (L.) Bart.
var. *cisatlantica* Blake x x

Pyrola elliptica Nutt. o x

ERICACEAE

Arctostaphylos uva-ursi
(L.) Spreng. x x

Epigaea repens L. x

Gaultheria procumbens L. x

Gaylussacia baccata (Wang.)
K. Koch x

	Erie Islands	Resthaven	East Harbor	Old Woman Creek	Winous Point	Marblehead Quarry	Cedar Point	Erie and Ottawa Cos.	Other
<i>Vaccinium angustifolium</i> Ait.								X	
<i>V. corymbosum</i> L.								X	
<i>V. macrocarpon</i> Ait.								X	
<i>V. vacillans</i> Torr.								X	
PRIMULACEAE									
<i>Dodecatheon meadia</i> L.				0					
<i>Lysimachia ciliata</i> L.	X	X		X	X		X		
* <i>L. nummularia</i> L. Sims	X	X	X	X	X		X		
<i>L. quadriflora</i> Sims	X	X	X						
<i>L. quadrifolia</i> L.				X	X				
<i>L. terrestris</i> (L.) BSP.	X						X		
<i>L. thyrsoflora</i> L.	X		X				X		
<i>Samolus parviflorus</i> Raf.	X				X				
OLEACEAE									
<i>Fraxinus americana</i> L. (incl. var. <i>americana</i> and var. <i>biltmoreana</i> (Beadle) J. Wright)	X	X		X			X	X	
<i>F. nigra</i> Marsh.							X	X	
<i>F. pennsylvanica</i> Marsh. (var. <i>pennsylvanica</i> and var. <i>subintegerrima</i> (Vahl) Fern.)	X	X			X	X	X	X	

	Erie Islands	Resthaven	East Harbor	Old Woman Creek	Winous Point	Marblehead Quarry	Cedar Point	Erie and Ottawa Cos.	Other
<i>F. quadrangulata</i> Michx.	x	x					x	x	
* <i>Ligustrum amurense</i> Carr.	x								
* <i>L. vulgare</i> L.	x	x					x		
* <i>Syringa vulgaris</i> L.	x								

GENTIANACEAE

<i>Gentiana andrewsii</i> Griseb.				x					
<i>G. crinita</i> Froel.		x							
<i>G. procera</i> Holm									x

APOCYNACEAE

<i>Apocynum cannabinum</i> L.	x	x		x	x	x	x		
<i>A. sibiricum</i> Jacq.	x			x			x		
* <i>Vinca minor</i> L.	x								

ASCLEPIADACEAE

<i>Asclepias amplexicaulis</i> Sm.		0							
<i>A. exaltata</i> L.	0	0							
<i>A. incarnata</i> L.	x	x	x	x	x	x	x		
<i>A. syriaca</i> L.	x	x	x	x	x	x	x		
<i>A. sullivantii</i> Engelm.				x					
<i>A. tuberosa</i> L.	x	x		x	x	x	x		
<i>A. verticillata</i> L.	x	x				x			

	Erie Islands	Resthaven	East Harbor	Old Woman Creek	Winous Point	Marblehead Quarry	Cedar Point	Erie and Ottawa Cos.	Other
<i>A. viridiflora</i> Raf.							x	x	

CONVOLVULACEAE

* <i>Convolvulus arvensis</i> L.	x					x			
<i>C. sepium</i> L. (incl. var. <i>repens</i> (L.) Gray)	x	x	x	x	x		x		
<i>Cuscuta coryli</i> Engelm.					x				
<i>C. gronovii</i> Willd.	x	x			x		x		
<i>C. indecora</i> Choisy						o			
<i>C. polygonorum</i> Engelm.		o					x		
<i>Ipomoea pandurata</i> (L.) G.F.W. Mey.	x						x		
* <i>I. purpurea</i> (L.) Roth	x				x				

POLEMONIACEAE

<i>Phlox divaricata</i> L.	x			x					
<i>P. paniculata</i> L.	x	x							
<i>P. pilosa</i> L.		o							

HYDROPHYLLACEAE

<i>Hydrophyllum appendiculatum</i> Michx.	x								
<i>H. macrophyllum</i> Nutt.	x								

	Erie Islands	Resthaven	East Harbor	Old Woman Creek	Winous Point	Marblehead Quarry	Cedar Point	Erie and Ottawa Cos.	Other
<i>H. virginianum</i> L.	x			x					
<i>Phacelia purshii</i> Buckl.	o				x				
BORAGINACEAE									
* <i>Cynoglossum officinale</i> L.	x	x			x		x		
<i>Hackelia virginiana</i> (L.) I.M. Johnston		x			x		x		
* <i>Lappula echinata</i> Gilib.	x	x							
* <i>Lithospermum arvense</i> L.	x	o					x		
<i>L. canescens</i> (Michx.) Lehm.		o							
<i>L. croceum</i> Fern.							x		
<i>L. latifolium</i> Michx.					x				
<i>Mertensia virginica</i> (L.) Pers.		x				o			
<i>Myosotis macrosperma</i> Engelm.	x								
* <i>M. stricta</i> Link	x								
<i>M. verna</i> Nutt.							x		
<i>Onosmodium hispidissimum</i> Mackenz.			x						
VERBENACEAE									
<i>Phyla lanceolata</i> (Michx.) Greene (<i>Lippia lanceolata</i> Michx.)	x	x	x		x		x		

	Erie Islands	Resthaven	East Harbor	Old Woman Creek	Winous Point	Marblehead Quarry	Cedar Point	Erie and Ottawa Cos.	Other
<i>Verbena hastata</i> L.	x	x	x	x	x	x	x		
<i>V. x illicita</i> Moldenke				x					
<i>V. simplex</i> Lehm.	x	x				x			
<i>V. urticifolia</i> L.	x	x	x		x		x		
LABIATAE									
<i>Agastache nepetoides</i> (L.) Ktze.	x	x						x	
* <i>Ajuga reptans</i> L.	x								
<i>Blephilia ciliata</i> (L.) Benth.	x	x				o		x	
<i>B. hirsuta</i> (Pursh) Benth.						x		x	
<i>Collinsonia canadensis</i> L.		o		x					
* <i>Glechoma hederacea</i> L.	x					x			
<i>Hedeoma pulegioides</i> (L.) Pers.	x					x			
<i>Isanthus brachiatus</i> (L.) BSP.	x	x					x		
* <i>Lamium amplexicaule</i> L.	x								
* <i>L. purpureum</i> L.	x				x				
* <i>Leonurus cardiaca</i> L.	x	x						x	
* <i>L. marrubiastrum</i> L.	x								
<i>Lycopus americanus</i> Muhl.	x	x	x	x		x	x	x	

	Erie Islands	Resthaven	East Harbor	Old Woman Creek	Winous Point	Marblehead Quarry	Cedar Point	Erie and Ottawa Cos.	Other
* <i>L. asper</i> Greene	x		x						
* <i>L. europaeus</i> L.	x		x			x			
<i>L. x sherardi</i> Steele	x	x		x					
<i>L. uniflorus</i> Michx.	x	x	x	x	x	o			
* <i>Marrubium vulgare</i> L.		o							
* <i>Melissa officinalis</i> L.	o								
<i>Mentha arvensis</i> L.	x	x	x	x	x		x		
* <i>M. x cardiaca</i> Baker				x					
* <i>M. gentilis</i> L.	x								
* <i>M. piperita</i> L.	x	o							
* <i>M. spicata</i> L.	x	x							
<i>Monarda fistulosa</i> L. var. <i>fistulosa</i>	x	x	x	x		x			
var. <i>mollis</i> (L.) Benth.		x					x		
* <i>Nepeta cataria</i> L.	x	x	x	x	x	x	x		
<i>Physostegia virginiana</i> (L.) Benth.	x		x		x				
<i>Prunella vulgaris</i> L.	x	x	x	x	x	x	x		
<i>Pycnathemum virginianum</i> (L.) Durand & Jackson	x	x				x			
* <i>Salvia officinalis</i> L.	x								
* <i>S. reflexa</i> Hornem.	x								
<i>Satureja arkansana</i> (Nutt.) Briq.	x	x					x		

	Erie Islands	Resthaven	East Harbor	Old Woman Creek	Winous Point	Marblehead Quarry	Cedar Point	Erie and Ottawa Cos.	Other
<i>S. vulgaris</i> (L.) Fritsch var. <i>neogaea</i> Fern.	x								
<i>Scutellaria epilobiifolia</i> A. Hamilton	x	x	x	x	x		x		
<i>S. lateriflora</i> L.	x	x	x	x	x	x	x		
<i>S. nervosa</i> Pursh					x				
<i>S. ovata</i> Hill						o			
<i>S. parvula</i> Michx.	x	o				x			
<i>Stachys hispida</i> Pursh	x						x		
<i>S. palustris</i> L.	x	x	x						
<i>S. tenuifolia</i> Willd.				x	x				
<i>Teucrium canadense</i> L.	x	x	x	x	x		x		
SOLANACEAE									
* <i>Datura innoxia</i> Mill.	o								
* <i>D. stramonium</i> L.					x	x	x		
* <i>Lycopersicon esculentum</i> Mill.	x				x		x		
* <i>Physalis alkekengi</i> L.	x				x				
<i>P. heterophylla</i> Nees (incl. var. <i>ambigua</i> (Gray) Rydb.)	x	x			x	x	x		
<i>P. longifolia</i> Nutt.	x	x			x				
<i>P. virginiana</i> Mill.							x		

	Erie Islands	Resthaven	East Harbor	Old Woman Creek	Winous Point	Marblehead Quarry	Cedar Point	Erie and Ottawa Cos.	Other
<i>Solanum carolinense</i> L.	x	x	x		x		x		
* <i>S. dulcamara</i> L.	x	x	x	x	x	x	x		
f. <i>dulcamara</i>	x	x	x	x	x	x	x		
f. <i>albiflora</i> House	x	x			x				
<i>S. nigrum</i> L.	x	x	x	x	x	x	x		
* <i>S. rostratum</i> Dunal	o					o			
* <i>S. tuberosum</i> L.	x								

SCROPHULARIACEAE

* <i>Antirrhinum majus</i> L.	x			x					
* <i>Chaenorrhinum minus</i> (L.) Lange	x	x		x	x	x			
<i>Chelone glabra</i> L.				x					
* <i>Cymbalaria muralis</i> Gaertn., Mey., & Scherb.	x								
<i>Gerardia auriculata</i> Michx.						o			
<i>G. paupercula</i> (Gray) Britt.									x
<i>G. purpurea</i> L.		x	x				x		
<i>G. tenuifolia</i> Vahl			x			x			
<i>Gratiola neglecta</i> Torr.	x		x						
<i>Leucospora multifida</i> (Michx.) Nutt. (<i>Conobea multifida</i> (Michx.) Benth.)	x	x	x			x			

Solanum elaeagnifolium (L.)

	Erie Islands	Resthaven	East Harbor	Old Woman Creek	Winous Point	Marblehead Quarry	Cedar Point	Erie and Ottawa Cos.	Other
* <i>Linaria dalmatICA</i> (L.) Mill.	x								
* <i>L. vulgaris</i> Hill	x	x		x			x		
<i>Lindernia dubia</i> (L.) Pennell	x		x	x	x				
<i>Mimulus ringens</i> L.	x	x	x	x	x		x		
<i>Pedicularis canadensis</i> L.	x	o							
<i>P. lanceolata</i> Michx.		x							
<i>Penstemon digitalis</i> Nutt.	o								
<i>P. hirsutus</i> (L.) Willd.	x	x				x	x		
<i>Scrophularia marilandica</i> L.	x		x		x		x		
<i>Seymeria macrophylla</i> Nutt.							x		
* <i>Verbascum blattaria</i> L.	x	x			x	x			
* <i>V. thapsus</i> L.	x	x		x	x	x	x		
* <i>Veronica arvensis</i> L.	x						x		
<i>V. comosa</i> Richter			x						
* <i>V. officinalis</i> L.	x	o							
<i>V. peregrina</i> L.	x				x				
<i>Veronicastrum virginicum</i> (L.) Farw.				x					
BIGNONIACEAE									
<i>Campsis radicans</i> (L.) Seem.	x	o					x	x	
* <i>Catalpa bignonioides</i> Walt.	x			x					

	Erie Islands	Resthaven	East Harbor	Old Woman Creek	Winous Point	Marblehead Quarry	Cedar Point	Erie and Ottawa Cos.	Other
* <i>C. speciosa</i> Warder					X				
OROBANCHACEAE									
<i>Conopholis americana</i> (L.) Wallr.									
LENTIBULARIACEAE									
<i>Utricularia gibba</i> L.						o		X	
<i>U. vulgaris</i> L. (incl. var. <i>americana</i> Gray)	X	X	X		X			X	
ACANTHACEAE									
<i>Justicia americana</i> (L.) Vahl	X		X				o	X	
PHRYMACEAE									
<i>Phryma leptostachya</i> L.	X				X			X	
PLANTAGINACEAE									
<i>Plantago aristata</i> Michx.	X	o							
* <i>P. lanceolata</i> L.	X	X				X	X	X	
* <i>P. major</i> L.	X	X		X			X	X	
<i>P. rugellii</i> Dcne.	X	X				X	X	X	
<i>P. virginica</i> L.			o						

	Erie Islands	Resthaven	East Harbor	Old Woman Creek	Winous Point	Marblehead Quarry	Cedar Point	Erie and Ottawa Cos.	Other
RUBIACEAE									
<i>Celhalanthus occidentalis</i> L.	x	x	x	x	x		x	x	
<i>Galium aparine</i> L.	x	x			x		x		
<i>G. boreale</i> L.		o				o			
<i>G. circaezans</i> Michx.	o						x		
* <i>G. mollugo</i> L.	x	x							
<i>G. obtusum</i> Bigel.	x	x							
<i>G. palustre</i> L.							x		
<i>G. pilosum</i> Ait.							x		
<i>G. tinctorium</i> L.				x	x		x		
<i>G. trifidum</i> L.		o			x		x		
<i>G. triflorum</i> Michx.	o	o			x		x		
<i>Houstonia canadensis</i> Willd.	x	x				x			
<i>H. nigricans</i> (Lam.) Fern.	x		x			x			
<i>Mitchella repens</i> L.								x	
* <i>Sherardia arvensis</i> L.	x								
CAPRIFOLIACEAE									
<i>Diervilla lonicera</i> Mill.								x	
<i>Lonicera dioica</i> L. var. <i>glaucescens</i> (Rydb.) Butt.	x	o						x	

	Erie Islands	Resthaven	East Harbor	Old Woman Creek	Winous Point	Marblehead Quarry	Cedar Point	Erie and Ottawa Cos.	Other
*L. japonica Thunb.	x	x		x		x			
*L. maackii Maxim.	x								
*L. morrowi Gray	x								
*L. sempervirens L.	x							x	
*L. tatarica L.	x					x			
Sambucus canadensis L.	x	x	x	x	x		x	x	
S. pubens Michx.	o							x	
Symphoricarpos albus (L.) Blake	x					o	x	x	
S. orbiculatus Moench	x								
Triosteum angustifolium L.					x				
T. perfoliatum L.		x							
Viburnum acerifolium L.	x			x				x	
V. lentago L.	x	x			x		x	x	
*V. opulus L.		x							
V. prunifolium L.				x				x	
V. rafinesquianum Schultes	x	o						x	
V. recognitum Fern.								x	
V. trilobum Marsh.								x	
VALERIANACEAE									
Valeriana ciliata T. & G.									o

	Erie Islands	Resthaven	East Harbor	Old Woman Creek	Winous Point	Marblehead Quarry	Cedar Point	Erie and Ottawa Cos.	Other
* <i>V. locusta</i> Betcke (<i>V. olitoria</i> (L.) Poll.)	x								
<i>V. umbilicata</i> (Sulliv.) Wood	x			x					
DIPSACACEAE									
* <i>Dipsacus sylvestris</i> Huds.	x	x			x		x		
CUCURBITACEAE									
* <i>Citrullus vulgaris</i> Schrad.	x								
* <i>Cucurbita foetidissima</i> HBK.	x								
* <i>C. pepo</i> L.	x								
<i>Echinocystis lobata</i> (Michx.) T. & G.	x	x	x	x	x			x	
<i>Sicyos angulatus</i> L.	x	x	x		x			x	
CAMPANULACEAE									
<i>Campanula americana</i> L.	x	x						x	
<i>C. aparinoides</i> Pursh		x	x					x	
* <i>C. rapunculoides</i> L.	x		x						
<i>C. rotundifolia</i> L.	x								
<i>Specularia perfoliata</i> (L.) A. DC.	x							x	
LOBELIACEAE									
<i>Lobelia cardinalis</i> L.	x								

	Erie Islands	Resthaven	East Harbor	Old Woman Creek	Winous Point	Marblehead Quarry	Cedar Point	Erie and Ottawa Cos.	Other
<i>L. inflata</i> L.	x				x				
<i>L. kalmii</i> L.	x	x	x						
<i>L. siphilitica</i> L.	x	x	x	x			x		
<i>L. spicata</i> Lam.	x	x							
COMPOSITAE									
* <i>Achillea millefolium</i> L.	x	x		x			x		
<i>Actinea acaulis</i> (Pursh) Spreng.						x			
<i>Ambrosia artemisiifolia</i> L.	x	x		x	x	x	x		
<i>A. psilostachya</i> DC.		o							
<i>A. trifida</i> L.	x	x	x	x	x	x			
<i>Antennaria plantaginifolia</i> (L.) Hook.	x	o		x				x	
* <i>Anthemis cotula</i> L.	x	x			x		x		
* <i>Arctium lappa</i> L.					x		x		
* <i>A. minus</i> (Hill.) Bernh.	x	x	x	x					
* <i>A. biennis</i> Willd.	x	o			x	o			
<i>A. caudata</i> Michx.								x	
* <i>A. ludoviciana</i> Nutt.	x								
<i>Aster azureus</i> Lindl.			x		x				
<i>A. brachyactis</i> Blake							x		

	Erie Islands	Resthaven	East Harbor	Old Woman Creek	Winous Point	Marblehead Quarry	Cedar Point	Erie and Ottawa Cos.	Other
<i>A. ericoides</i> L.	x					x			
<i>A. junciformis</i> Rydb.		o							
<i>A. laevis</i> L.				x					
<i>A. novae-angliae</i> L.	x	x			x	x			
<i>A. pilosus</i> Willd. (incl. var. <i>demotus</i> Blake and var. <i>pringlei</i> (Gray) Blake)	x	x			x	x			
<i>A. puniceus</i> L.		x							
<i>A. praealtus</i> Poir.		x		x					
<i>A. ptarmicoides</i> (Nees) T. & G.						o			
<i>A. sagittifolius</i> Wedemeyer	x			x		x			
<i>A. shortii</i> Lindl.	x			x					
<i>A. simplex</i> Willd. (incl. var. <i>interior</i> Wieg.) Cronq. and var. <i>ramosissimus</i> T. & G.) Cronq.)	x	x			x	x	x		
<i>A. undulatus</i> L.				x					
<i>Bidens aristosus</i> (Michx.) Britt.							x		
<i>B. bipinnatus</i> L.	x	x	x				x		
<i>B. cernuus</i> L.	x	x	x	x	x	x			
<i>B. comosus</i> (Gray) Wieg.	x	o	x		x				

	Erie Islands	Resthaven	East Harbor	Old Woman Creek	Winous Point	Marblehead Quarry	Cedar Point	Erie and Ottawa Cos.	Other
<i>B. connatus</i> Muhl.									
var. <i>connatus</i>	x	x	x	x			x		
var. <i>anomalus</i> Farw.	x	x	x	x					
var. <i>fallox</i> (Warnst.) Sheriff.			x						
<i>B. coronatus</i> (L.) Britt.		x	x						
<i>B. discoideus</i> (T. & G.) Britt.							x		
<i>B. frondosus</i> L.									
var. <i>frondosus</i>	x		x	x	x	x	x		
var. <i>anomalus</i> Porter ex Fern.	x			x					
<i>B. heterodoxus</i> (Fern.) Fern. & St. John			x						
<i>B. laevis</i> (L.) BSP.							x		
<i>B. vulgatus</i> Greene		x	x						
<i>Boltonia asterioides</i> (L.) L'Her.	x		x		x		x		
<i>Cacalia atriplicifolia</i> L.				x					
* <i>Carduus nutans</i> L.	x	x				x	x		
* <i>Centaurea cyanus</i> L.	o	x							
* <i>Chrysanthemum balsamita</i> L.	x								
* <i>C. leucanthemum</i> L.	x	x							
* <i>C. parthenium</i> (L.) Bernh.	x								
* <i>Cichorium intybus</i> L.	x	x		x	x	x			
* <i>Cirsium arvense</i> (L.) Scop.	x	x	x	x	x	x	x		
<i>C. discolor</i> (Muhl.) Spreng.		x						x	

	Erie Islands	Resthaven	East Harbor	Old Woman Creek	Winous Point	Marblehead Quarry	Cedar Point	Erie and Ottawa Cos.	Other
<i>C. muticum</i> Michx.		x							
* <i>C. vulgare</i> (Savi) Tenore	x	x			x		x		
<i>Conyza canadensis</i> (L.) Cronq. (<i>Erigeron canadensis</i> L.)	x	x	x		x	x	x		
<i>Coreopsis lanceolata</i> L.	x								
* <i>C. tripteris</i> L.	x	x				x	x		
<i>Eclipta alba</i> (L.) Hassk.	x		x	x	x				
<i>Erechtites hieracifolia</i> (L.) Raf.	x	x	x		x		x		
<i>Erigeron annuus</i> (L.) Pers.	x	x			x	x	x		
<i>E. philadelphicus</i> L.	x	x		x	x		x		
<i>E. strigosus</i> Muhl.	x	x		x		x	x		
<i>Eupatorium altissimum</i> L.	x	x		x		x			
<i>E. maculatum</i> L.		x			x		x		
<i>E. perfoliatum</i> L.	x	x	x		x	x	x		
<i>E. purpureum</i> L.								x	
<i>E. rugosum</i> Houtt.	x	x	x	x	x	x	x	x	
* <i>Galinsoga ciliata</i> (Raf.) Blake	x	x			x				
* <i>G. parviflora</i> Cav.	x	x		x				x	
<i>Gnaphalium obtusifolium</i> L.		o						x	
<i>G. uliginosum</i> L.		x							
* <i>Grindelia squarrosa</i> (Pursh) Dunal		o							

	Erie Islands	Resthaven	East Harbor	Old Woman Creek	Winous Point	Marblehead Quarry	Cedar Point	Erie and Ottawa Cos.	Other
<i>Helenium autumnale</i> L.		x			x				
* <i>Helianthus annuus</i> L.	x		x		x		x		
<i>H. decapetalus</i> L.	x						x		
<i>H. divaricatus</i> L.	x					x	x		
<i>H. giganteus</i> L.		x							
<i>H. hirsutus</i> Raf.							x		
<i>H. maximiliani</i> Schrad	x								
<i>H. occidentalis</i> Riddell		o							
<i>H. strumosus</i> L.		x				x	x		
<i>H. tuberosus</i> L.	x			x	x		x		
<i>Heliopsis helianthoides</i> (L.) Sweet		x			x		x		
<i>Hieracium canadense</i> Michx.						o			
* <i>H. florentinum</i> All.	x					x			
<i>H. scabrum</i> Michx.							x		
<i>H. venosum</i> L.					x				
<i>Kuhnia eupatorioides</i> L.		o							
<i>Lactuca canadensis</i> L. (incl. var. <i>obovata</i> Wieg.)	x	x	x	x		x	x		
<i>L. floridana</i> (L.) Gaertn.	x	o				x	x		
* <i>L. saligna</i> L.	x	x				x			

	Erie Islands	Resthaven	East Harbor	Old Woman Creek	Winous Point	Marblehead Quarry	Cedar Point	Erie and Ottawa Cos.	Other
* <i>L. scariola</i> L.	x				x	x	x		
* <i>Lapsana communis</i> L.	x								
<i>Leontodon autumnalis</i> L.							x		
<i>Liatris aspera</i> Michx. var. <i>intermedia</i> (Lunell) Gaiser		x							
<i>L. scabra</i> (Greene) K. Schum.	o						x		x
<i>L. squarrosa</i> (L.) Michx.		o							
<i>L. spicata</i> (L.) Willd. f. <i>spicata</i>		x				x	x		
f. <i>albiflora</i> Britt.		x							
* <i>Matricaria chamomilla</i> L.	x								
* <i>M. matricarioides</i> (Less.) Porter	x				x				
<i>Megalodonta beckii</i> (Torr.) Greene	o		o				x		
<i>Polymnia canadensis</i> L.	x						x		
<i>Prenanthes alba</i> L.	x						x		
<i>P. racemosa</i> Michx.			x						
<i>Ratibida pinnata</i> (Vent.) Barnh.	x	x					x		
<i>Rudbeckia fulgida</i> Ait.					x				
<i>R. hirta</i> L.	x	x					x		
<i>R. laciniata</i> L.							x		
<i>R. triloba</i> L.	o	x					x		

	Erie Islands	Resthaven	East Harbor	Old Woman Creek	Winous Point	Marblehead Quarry	Cedar Point	Erie and Ottawa Cos.	Other
* <i>Senecio glabellus</i> Poir.	x			x					
<i>S. pauperculus</i> Michx.	x	x				x			
* <i>S. sylvaticus</i> L.	o								
<i>Silphium perfoliatum</i> L.		o							
<i>S. terebinthinaceum</i> Jacq.		x							
<i>S. trifoliatum</i> L.		o		x					
<i>Solidago altissima</i> L.	x					x			
<i>S. caesia</i> L.	x	o							
<i>S. canadensis</i> L.	x	x		x				x	
<i>S. flexicaulis</i> L.	x								
<i>S. gigantea</i> Ait. (incl. var. <i>leiophylla</i> Fern.)	x	x	x			x		x	
<i>S. graminifolia</i> (L.) Salisb.	x	x	x			x	x	x	
<i>S. hispida</i> Muhl.	x	x							
<i>S. juncea</i> Ait.								x	
<i>S. nemoralis</i> Ait.	x	x					x	x	
<i>S. ohioensis</i> Riddell		x							
<i>S. patula</i> Muhl.		o							
<i>S. riddellii</i> Frank		x					o		
<i>S. rigida</i> L.	x	x					x		
<i>S. rugosa</i> Ait.					x				

	Erie Islands	Resthaven	East Harbor	Old Woman Creek	Winous Point	Marblehead Quarry	Cedar Point	Erie and Ottawa Cos.	Other
<i>S. speciosa</i> Nutt.				X					
<i>S. ulmifolia</i> Muhl.	X					X			
* <i>Sonchus arvensis</i> L.		X							
* <i>S. asper</i> (L.) Hill	X	X			X		X		
* <i>S. oleraceus</i> L.	X					X			
* <i>S. uliginosus</i> Bieb.	X	X			X	X			
* <i>Tagetes patula</i> L.	X								
* <i>T. tenuifolia</i> Cav.	X								
* <i>Tanacetum vulgare</i> L.	X	O							
* <i>Taraxacum officinale</i> Weber	X	X	X	X	X		X		
* <i>Tragopogon major</i> Jacq.	X	X			X	X			
* <i>T. porrifolius</i> L.	X				X				
* <i>T. pratensis</i> L.					X				
<i>Verbesina alternifolia</i> (L.) Britt. (<i>Actinomeris</i> <i>alternifolia</i> (L.) DC.)		X			X				
<i>Vernonia altissima</i> Nutt.		X		X	X		X		
* <i>Xanthium strumarium</i> L.	X	X		X	X		X		
* <i>Zinnia elegans</i> Jacq.	X								

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