

EIGHT MILE POINT FLORA AND FAUNA

During 2011 and 2012 I have recorded the plant and animal species that I have observed on Eight Mile Point. I have also included some reasonable sightings by others. Attached are a number of species lists which I hope will assist everyone in enjoying the local natural world. The lists, however, are by no means complete. Many of you will see the lists and say to your selves that you have seen species that have not been listed. I would agree, for example, birds such as the Ruffed Grouse and Wood Duck were often seen in the centre lot in the past but no longer seem to inhabit the Point. As ecosystem succession occurs, the flora and fauna present will change over time. Other factors such as increased human activity and the establishment of alien invasive species such as European Buckthorn, a species recently established on the Point can also change the plants and wildlife that will be found, favouring some species and not others. Change is constant.

The lists will only remain valid for 5-10 years and will need to be completely updated to remain current. In the interim, if anyone sees any species that is not on the list please send me an e-mail at robin.craig@bell.net with a photo if possible to confirm and I will include it on future updates. If anyone wants help identifying a species please contact me.

I will update the lists annually to include any new observations of which I am sure there will be many.

The generally accepted common and scientific names of all plant and animal species are used throughout the following tables. All vegetation naming is from Flora Ontario (Newmaster, S.G. and S. Ragupathy 2012). Avian naming is from the 2011 American Ornithological Union (AOU) *CHECK-LIST OF NORTH AMERICAN BIRDS, 7TH EDITION AND ITS SUPPLEMENTS* (52nd). Mammal naming is from Dobbyn, "Atlas of the Mammals of Ontario" (1994). Herpetofaunal naming is from Oldham, M.J. and W.F. Weller, (2000) "Ontario Herpetofaunal Atlas". Dragonfly naming is from the Ontario Odonata Atlas, (2005). Butterfly naming is from in the NHIC species lists.

To assist you with learning more about the plants and animals of the Point I have attached a reference list of some of the guides I use and trust. These publications are available at the public library, on line, and at good book stores such as the Nature Store in Orillia.

Plants

The plant kingdom is diverse and the species are numerous. There is no one field guide that will meet all your needs. The following are some that you might consider.

"A Field Guide to Wildflowers of Northeastern and North-central North America" by R. T. Peterson and M. McKenny.

"A Guide to the Ferns of Grey and Bruce Counties, Ontario" by The Bruce-Grey Plant Committee, 2002.

“The Asters, Goldenrods and Fleabanes of Grey and Bruce Counties” by The Bruce-Grey Plant Committee, 2000.

“Forest Plants of Central Ontario” by B. Chambers, K. Legasy and C. V. Bentley, 1996.

“The ROM Field Guide to the Wildflowers of Ontario” by T. Dickinson, D. Metsger, J. Bull and R. Dickinson, 2004.

“Wetland Plants of Ontario” by S. Newmaster, A. G. Harris and L. Kershaw, 1997.

“Trees of Canada” by J. L. Farrar, 1995.

Birds

There are many excellent bird guides, here are two suggestions.

“A Field Guide to the Birds” by R. T. Peterson.

“National Audubon Society The Sibley Guide to the Birds” by D. A. Sibley, 2000.

Amphibians and Reptiles

“The ROM Field Guide to the Amphibians and Reptiles of Ontario” by R. D. MacCulloch, 2002.

“Amphibians and Reptiles of the Great Lakes Region” by J. H. Harding, 2006.

Butterflies

“Photo Guide to the Butterflies of Southern Ontario” by I. Carmichael and A. Vance, 2003.

“Butterflies Through Binoculars, The East” by J. Glassberg, 1999.

Dragonflies

“Field Guide to The Dragonflies and Damselflies of Algonquin Park and the Surrounding Area” by C. D. Jones, A. Kingsly, P. Burke and M. Holder, 2008.

I hope you enjoy.

Robin Craig

THE VEGETATION OF EIGHT MILE POINT 2011-2012

Determining the plant species on the Point was much more complex than that of the faunal inhabitants because of effects of gardening. I have only listed species that were found growing “wild” and occupying the McLean Reserve. I did not attempt to list plants found on private properties around the Point nor aquatic plants found in the Lake, both for obvious reasons. To assist the reader plants are organized in the following table into 3 groups according to their growth form. These are “Trees”, “Shrubs and Vines” and “Other Vascular Plants”. The list is again by no means complete but 235 species were identified including 29 trees, 23 shrubs and vines and 183 other vascular plants. A total of 157 (67%) are native species while 77 (33%) are non-native or introduced species while the status of 1 species is currently unknown. These are indicated on the table in the column on the right side by an “N” for native “NN” for non-native and “U” for unknown. The Butternut (a tree species) is the only “endangered” plant species, as specified by the Ontario Endangered Species Act (2007), found on the Point. There were no “threatened” species encountered. All other species are ranked as common and their statuses are secure in Ontario.

<u>TREES</u>		
<u>Common Name</u>	<u>Scientific Name</u>	<u>Status</u>
<u>CONIFEROUS</u>		
<u>PINOPSIDA</u>		
<u>CYPRESS FAMILY</u>		
<u>CUPRESSACEAE</u>		
Eastern White Cedar	<i>Thuja occidentalis</i>	N
<u>PINE FAMILY</u>		
<u>PINACEAE</u>		
Tamarack	<i>Larix laricina</i>	N
White Spruce	<i>Picea glauca</i>	N
Eastern White Pine	<i>Pinus strobus</i>	N
Scotch Pine	<i>Pinus sylvestris</i>	NN
Eastern Hemlock	<i>Tsuga canadensis</i>	N
<u>YEW FAMILY</u>		
<u>TAXACEAE</u>		
American Yew	<i>Taxus canadensis</i>	N
<u>DECIDUOUS</u>		
<u>MAGNOLIOPSIDA</u>		
<u>MAPLE FAMILY</u>		
<u>ACERACEAE</u>		
Red Maple	<i>Acer rubrum</i>	N
Silver Maple	<i>Acer saccharinum</i>	N
Sugar Maple	<i>Acer saccharum</i>	N

<u>TREES</u>		
<u>Common Name</u>	<u>Scientific Name</u>	<u>Status</u>
<u>CASHEW FAMILY</u>		
<u>ANACARDIACEAE</u>		
Staghorn Sumac	<i>Rhus typhina</i>	N
<u>BIRCH FAMILY</u>		
<u>BETULACEAE</u>		
White Birch	<i>Betula papyrifera</i>	N
Ironwood	<i>Ostrya virginiana</i>	N
<u>BEECH FAMILY</u>		
<u>FAGACEAE</u>		
American Beech	<i>Fagus grandifolia</i>	N
Red Oak	<i>Quercus rubra</i>	N
<u>WALNUT FAMILY</u>		
<u>JUGLANDACEAE</u>		
Butternut	<i>Juglans cinerea</i>	N - Endangered
Walnut, unknown alien species possibly a hybrid	<i>Juglans sp.?</i>	NN
<u>OLIVE FAMILY</u>		
<u>OLEACEAE</u>		
White Ash	<i>Fraxinus americana</i>	N
Green Ash	<i>Fraxinus pennsylvanica</i>	N
<u>BUCKTHORN FAMILY</u>		
<u>RHAMNACEAE</u>		
Common Buckthorn	<i>Rhamnus cathartica</i>	NN
<u>ROSE FAMILY</u>		
<u>ROSACEAE</u>		
Common Apple	<i>Malus pumila</i>	NN
Choke Cherry	<i>Prunus virginiana</i>	N
European Mountain Ash	<i>Sorbus acuparia</i>	NN
<u>WILLOW FAMILY</u>		
<u>SALICACEAE</u>		
Balsam Poplar	<i>Populus balsamifera</i>	N
Trembling Aspen	<i>Populus tremuloides</i>	N
Weeping Willow	<i>Salix babylonica</i>	NN
Crack Willow	<i>Salix fragilis</i>	NN
<u>LINDEN FAMILY</u>		
<u>TILIACEAE</u>		
American Basswood	<i>Tilia americana</i>	N
<u>ELM FAMILY</u>		
<u>ULMACEAE</u>		
American Elm	<i>Ulmus americana</i>	N

<u>SHRUBS AND VINES</u>		
<u>Common Name</u>	<u>Scientific Name</u>	<u>Status</u>
<u>FLOWERING SHRUBS & VINES</u>	<u>MAGNOLIOPSIDA</u>	
<u>CASHEW FAMILY</u>	<u>ANCARDIACEAE</u>	
Western Poison Ivy	<i>Toxicodendron radicans</i>	N
<u>HOLLY FAMILY</u>	<u>AQUIFOLIACEAE</u>	
Winterberry	<i>Ilex verticillata</i>	N
<u>BARBERRY FAMILY</u>	<u>BERBERIDACEAE</u>	
Japanese Barberry	<i>Berberis thunbergii</i>	NN
<u>HONEYSUCKLE FAMILY</u>	<u>CAPRIFOLIACEAE</u>	
Fly Honeysuckle	<i>Lonicera canadensis</i>	N
<u>DOGWOOD FAMILY</u>	<u>CORNACEAE</u>	
Alternate-leaved Dogwood	<i>Cornus alternifolia</i>	N
Red Osier Dogwood	<i>Cornus stolonifera</i>	N
<u>GOOSEBERRY FAMILY</u>	<u>GROSSULARIACEAE</u>	
Wild Black Currant	<i>Ribes americanum</i>	N
Smooth Gooseberry	<i>Ribes hirtellum</i>	N
<u>LILY FAMILY</u>	<u>LILIACEAE</u>	
Herbaceous Carrion Flower	<i>Smilax herbacea</i>	N
<u>BUTTERCUP FAMILY</u>	<u>RANUNCULACEAE</u>	
Virgin's-bower	<i>Clematis virginiana</i>	N
<u>ROSE FAMILY</u>	<u>ROSACEAE</u>	
Ninebark	<i>Physocarpus opulifolius</i>	
Smooth Blackberry	<i>Rubus canadensis</i>	N
Red Raspberry	<i>Rubus idaeus</i>	N
Black Raspberry	<i>Rubus occidentalis</i>	N
Flowering Raspberry	<i>Rubus odoratus</i>	N
<u>MADDER FAMILY</u>	<u>RUBIACEAE</u>	
Eastern Buttonbush	<i>Cephalanthus occidentalis</i>	N
<u>WILLOW FAMILY</u>	<u>SALIACEAE</u>	

<u>SHRUBS AND VINES</u>		
<u>Common Name</u>	<u>Scientific Name</u>	<u>Status</u>
Peach-leaved Willow	<i>Salix amygaloides</i>	N
Bebb's Willow	<i>Salix bebbiana</i>	N
Sage-leaved Willow	<i>Salix candida</i>	N
Pussy Willow	<i>Salix discolor</i>	N
<u>NIGHTSHADE FAMILY</u>	<u>SOLANACEAE</u>	
Climbing Nightshade	<i>Solanum dulcamara</i>	NN
<u>GRAPE FAMILY</u>	<u>VITACEAE</u>	
Inserted Virginia Creeper	<i>Parthenocissus inserta</i>	N
Riverbank Grape	<i>Vitis riparia</i>	N

<u>OTHER VASCULAR PLANTS</u>		
<u>Common Name</u>	<u>Scientific Name</u>	<u>Status</u>
<u>FERNS & ALLIES</u>	<u>PTERIDOPHYTA</u>	
<u>WOOD FERN FAMILY</u>	<u>DRYOPTERIDACEAE</u>	
Northern Lady Fern	<i>Athyrium filix-femina</i>	N
Spinulose Wood Fern	<i>Dryopteris carthusiana</i>	N
Marginal Shield Fern	<i>Dryopteris marginalis</i>	N
Ostrich Fern	<i>Matteuccia struthiopteris</i>	N
Sensitive Fern	<i>Onoclea sensibilis</i>	N
Christmas Fern	<i>Polystichum acrosticoides</i>	N
<u>HORSETAIL</u>	<u>EQUISETACEAE</u>	
Field Horsetail	<i>Equisetum arvense</i>	N
<u>MARSH FERN FAMILY</u>	<u>THELYPTERIDACEAE</u>	
Marsh Fern	<i>Thelypteris palustris</i>	N
<u>GRASSES, LILIES AND ORCHIDS</u>	<u>LILIOPSIDA</u>	
<u>ARUM FAMILY</u>	<u>ARACEAE</u>	
Small Jack-in-the-pulpit	<i>Arisaema triphyllum</i>	N
<u>SEDGE FAMILY</u>	<u>CYPERACEAE</u>	
Drooping Wood Sedge	<i>Carex arctata</i>	N
Golden-fruited Sedge	<i>Carex aurea</i>	N
Bebb's Sedge	<i>Carex bebbii</i>	N
Woodland Sedge	<i>Carex blanda</i>	N
Fringed Sedge	<i>Carex crinita</i>	N
Soft-leaved Sedge	<i>Carex disperma</i>	N
Graceful Sedge	<i>Carex gracillima</i>	N
Bladder Sedge	<i>Carex intumescens</i>	N
Long-stalked Sedge	<i>Carex pedunculata</i>	N
Radiate Sedge	<i>Carex radiata</i>	N
Retrorse Sedge	<i>Carex retrorsa</i>	N
Stellate Sedge	<i>Carex rosea</i>	N
Awl-fruited Sedge	<i>Carex spicata</i>	N

<u>OTHER VASCULAR PLANTS</u>		
<u>Common Name</u>	<u>Scientific Name</u>	<u>Status</u>
Burreed Sedge	<i>Carex sprangoides</i>	N
Large-beaked Sedge	<i>Carex sprengei</i>	N
Fox Sedge	<i>Carex vulpinoidea</i>	N
Dark-green Bulrush	<i>Scirpus atrovirens</i>	N
Wool-grass	<i>Scirpus cyperinus</i>	N
<u>RUSH FAMILY</u>	<u>JUNCACEAE</u>	
Path Rush	<i>Juncus tenuis</i>	N
<u>DUCKWEED FAMILY</u>	<u>LEMNACEAE</u>	
Lesser Duckweed	<i>Lemna minor</i>	N
<u>LILY FAMILY</u>	<u>LILIACEAE</u>	
Asparagus	<i>Asparagus officinalis</i>	NN
Yellow Adder's-tongue	<i>Erythronium americanum</i>	N
Orange Day-lily	<i>Heemerocallis fulva</i>	NN
Hosta	<i>Hosta sp.</i>	NN
Wild Lily-of-the-valley	<i>Maianthemum canadense</i>	N
False Solomon's Seal	<i>Maianthemum racemosum</i>	N
Purple Trillium	<i>Trillium erectum</i>	N
White Trillium	<i>Trillium grandiflorum</i>	N
<u>ORCHID FAMILY</u>	<u>ORCHIDACEAE</u>	
Common Helleborine	<i>Epipactis helleborine</i>	NN
<u>GRASS FAMILY</u>	<u>POACEAE</u>	
Awnless Brome	<i>Bromus inermis</i>	NN
Canada Blue-joint	<i>Calamagrostis canadensis</i>	N
Orchard Grass	<i>Dactylis glomerata</i>	NN
Poverty Oat Grass	<i>Danthonia spicata</i>	N
Smooth Crabgrass	<i>Digitaria ischaemum</i>	NN
Common Barnyard Grass	<i>Echinochloa crusgalli</i>	NN
Bottle-brush Grass	<i>Elymus hystrix</i>	N
Quack Grass	<i>Elymus repens</i>	NN
Red Fescue	<i>Festuca rubra</i>	N
Fowl Manna Grass	<i>Glyceria striata</i>	N

<u>OTHER VASCULAR PLANTS</u>		
<u>Common Name</u>	<u>Scientific Name</u>	<u>Status</u>
Meadow Fescue	<i>Lolium arundinaceum</i>	NN
Witch Grass	<i>Panicum capillare</i>	N
Reed Canary Grass	<i>Phalaris arundinacea</i>	N
Common Timothy	<i>Phleum pratense</i>	NN
Common Reed	<i>Phragmites australis</i>	N/NN
Annual Blue Grass	<i>Poa annua</i>	NN
Canada Blue Grass	<i>Poa compressa</i>	N
Kentucky Bluegrass	<i>Poa pratensis</i>	N
Yellow Foxtail	<i>Setaria pumila</i>	NN
Green Foxtail	<i>Setaria viridis</i>	NN
<u>CATTAIL FAMILY</u>	<u>TYHACEAE</u>	
Narrow-leaved Cattail	<i>Typha augustifolia</i>	N
Common Cattail	<i>Typha latifolia</i>	N
<u>TYPICAL FLOWERING PLANTS</u>	<u>MAGNOLIOPSIDA</u>	
<u>CARROT FAMILY</u>	<u>APIACEAE</u>	
Goutweed	<i>Aegopodium podagraria</i>	NN
Wild Carrot	<i>Daucus carota</i>	NN
<u>DOGBANE FAMILY</u>	<u>APOCYNACEAE</u>	
Spreading Dogbane	<i>Apocynum androsaemifolium</i>	N
Periwinkle	<i>Vinca minor</i>	NN
<u>BIRTHWORT FAMILY</u>	<u>ARISTOLOCHIACEAE</u>	
Wild Ginger	<i>Asarum canadense</i>	N
<u>MILKWEED FAMILY</u>	<u>ASCLEPIADACEAE</u>	
Swamp Milkweed	<i>Asclepias incarnata</i>	N
Common Milkweed	<i>Asclepias syriaca</i>	N
<u>ASTER FAMILY</u>	<u>ASTERACEAE</u>	
Common Yarrow	<i>Achillea millefolium</i>	NN
Common Ragweed	<i>Ambrosia artemisiifolia</i>	N
Common Burdock	<i>Arctium minus</i>	NN

OTHER VASCULAR PLANTS

<u>Common Name</u>	<u>Scientific Name</u>	<u>Status</u>
Smooth Blue Aster	<i>Aster laevis</i>	N
Panicled Aster	<i>Aster lanceolatus</i>	N
Calico Aster	<i>Aster lateriflorus</i>	N
Purple-stemmed Aster	<i>Aster puniceus</i>	N
Flat-top White Aster	<i>Aster umbellatus</i>	N
Nodding Beggar-ticks	<i>Bidens cernua</i>	N
Devil's Beggar-ticks	<i>Bidens frondosa</i>	N
Brown Knapweed check	<i>Centaurea jacea</i>	NN
Black Knapweed	<i>Centaurea nigra</i>	NN
Chicory	<i>Cichorium intybus</i>	NN
Bull Thistle	<i>Cirsium vulgare</i>	NN
Horseweed	<i>Conyza canadensis</i>	N
Daisy Fleabane	<i>Erigeron annuus</i>	N
Philadelphia Fleabane	<i>Erigeron philadelphicus</i>	N
Spotted Joe-pye-weed	<i>Eupatorium maculatum</i>	N
Boneset	<i>Eupatorium perfoliatum</i>	N
Grass-leaved Goldenrod	<i>Euthamia graminifolia</i>	N
Yellow Hawkweed	<i>Hieracium caespitosum</i>	NN
Canada Lettuce	<i>Lactuca canadensis</i>	N
Prickly Lettuce	<i>Lactuca serriola</i>	NN
Nipplewort	<i>Lapsana communis</i>	NN
Ox-eye Daisy	<i>Leucanthemum vulgare</i>	NN
Pineapple-weed	<i>Matricaria matricarioides</i>	NN
Tall White Rattlesnake Root	<i>Prenanthes altissima</i>	N
Common Purslane	<i>Portulaca oleracea</i>	NN
Black-eyed Susan	<i>Rudbeckia hirta</i>	N
Canada Goldenrod	<i>Solidago canadensis</i>	N
Blue-stem Goldenrod	<i>Solidago caesia</i>	N
Zig-zag Goldenrod	<i>Solidago flexicaulis</i>	N
Spiny-leaved Sow-thistle	<i>Sonchus asper</i>	NN
Field Sow-thistle	<i>Sonchus arvensis</i>	NN

<u>OTHER VASCULAR PLANTS</u>		
<u>Common Name</u>	<u>Scientific Name</u>	<u>Status</u>
Common Sow-thistle	<i>Sonchus oleraceus</i>	NN
New England Aster	<i>Symphyotrichum novae-angliae</i>	N
Arrow-leaved Aster	<i>Symphyotrichum urophyllum</i>	N
Common Tansy	<i>Tanacetum vulgare</i>	NN
Common Dandelion	<i>Taraxacum officinale</i>	NN
Goat's-beard	<i>Tragopogon dubius</i>	NN
Meadow Goats-beard	<i>Tragopogon pratensis</i>	NN
Coltsfoot	<i>Tussilago farfara</i>	NN
Cocklebur	<i>Xanthium strumarium</i>	N
<u>TOUCH-ME-NOT FAMILY</u>	<u>BALSAMINACEAE</u>	
Spotted Touch-me-not	<i>Impatiens capensis</i>	N
Yellow Touch-me-not	<i>Impatiens pallida</i>	N
<u>BARBERRY FAMILY</u>	<u>BERBERIDACEAE</u>	
Blue Cohosh	<i>Caulophyllum thalictroides</i>	N
<u>BORAGE FAMILY</u>	<u>BORAGINACEAE</u>	
Viper's Bugloss	<i>Echium vulgare</i>	NN
True Forget-me-not	<i>Myosotis scorpioides</i>	NN
<u>MUSTARD FAMILY</u>	<u>BRASSICACEAE</u>	
Garlic Mustard	<i>Alliaria petiolaris</i>	NN
Dame's Rocket	<i>Hesperis matronalis</i>	NN
<u>BELLFLOWER FAMILY</u>	<u>CAMPANULACEAE</u>	
Creeping Bellflower	<i>Campanula rapunculoides</i>	NN
<u>HONEYSUCKLE FAMILY</u>	<u>CAPRIFOLIACEAE</u>	
Wide-leaved Bladder Catchfly	<i>Silene latifolia</i>	NN
Bladder Campion	<i>Silene vulgaris</i>	NN
Common Chickweed	<i>Stellaria media</i>	NN
<u>GOOSEFOOT FAMILY</u>	<u>CHEONPODIACEAE</u>	
Lamb's Quarters	<i>Chenopodium album</i>	NN
<u>MORNING-GLORY FAMILY</u>	<u>CONVOLVULACEAE</u>	
Hedge Bindweed	<i>Calystegia sepium</i>	U

<u>OTHER VASCULAR PLANTS</u>		
<u>Common Name</u>	<u>Scientific Name</u>	<u>Status</u>
<u>PEA FAMILY</u>	<u>FABACEAE</u>	
Hog-peanut	<i>Amphicarpaea bracteata</i>	N
Everlasting Pea	<i>Lathyrus latifolius</i>	NN
Bird's-foot Trefoil	<i>Lotus corniculatus</i>	NN
Black Medick	<i>Medicago lupulina</i>	NN
Alfalfa	<i>Medicago sativa</i>	NN
White Sweet-clover	<i>Melilotus alba</i>	NN
Alsike Clover	<i>Trifolium hybridum</i>	NN
Red Clover	<i>Trifolium pratense</i>	NN
White Clover	<i>Trifolium repens</i>	NN
Cow Vetch	<i>Vicia cracca</i>	NN
<u>FUMITORY FAMILY</u>	<u>FUMARIACEAE</u>	
Dutchman's Britches	<i>Dicentra cucullaria</i>	N
<u>GERANIUM FAMILY</u>	<u>GERANIACEAE</u>	
Herb-robert	<i>Geranium robertianum</i>	NN
<u>WATERLEAF FAMILY</u>	<u>HYDROPHYLLACEAE</u>	
Virginia Water-leaf	<i>Hydrophyllum virginianum</i>	N
<u>ST. JOHN'S-WORT FAMILY</u>	<u>HYPERICAEAE</u>	
Larger Canadian St. John's-wort	<i>Hypericum majus</i>	N
Common St. John's-wort	<i>Hypericum perforatum</i>	NN
<u>MINT FAMILY</u>	<u>LAMIACEAE</u>	
Wild Basil	<i>Clinopodium vulgare</i>	N
Creeping Charlie	<i>Glechoma hederacea</i>	NN
Field Mint	<i>Mentha arvensis</i>	N
Heal-all	<i>Prunella vulgaris</i>	N
Mad-dog Scullcap	<i>Scutellaria laterifolia</i>	N
Rough Hedge-nettle	<i>Stachys tenuifolia</i>	NN
<u>BLADDERWORT FAMILY</u>	<u>LENTIBULARIACEAE</u>	
Common Bladderwort	<i>Utricularia vulgaris</i>	N

<u>OTHER VASCULAR PLANTS</u>		
<u>Common Name</u>	<u>Scientific Name</u>	<u>Status</u>
<u>LOOSESTRIFE FAMILY</u>	<u>LYTHRACEAE</u>	
Purple Loosestrife	<i>Lythrum salicaria</i>	NN
<u>EVENING-PRIMROSE FAMILY</u>	<u>ONAGRACEAE</u>	
Enchanter's Nightshade	<i>Circea lutetiana</i>	N
Northern Willow-herb	<i>Epilobium ciliatum</i>	N
Common Evening-primrose	<i>Oenothera biennis</i>	N
<u>WOOD-SORREL FAMILY</u>	<u>OXALIDACEAE</u>	
Upright Yellow Wood-sorrel	<i>Oxalis stricta</i>	N
<u>PLANTAIN FAMILY</u>	<u>PLANTAGINACEAE</u>	
Narrow-leaved Plantain	<i>Plantago lanceolata</i>	NN
Common Plantain	<i>Plantago major</i>	NN
Lesser Toadflax	<i>Chaenorrhinum minus</i>	NN
<u>BUCKWHEAT FAMILY</u>	<u>POLYGONACEAE</u>	
Lady's-thumb	<i>Persicaria maculosa</i>	N
Pale Smartweed	<i>Polygonum lapathifolium</i>	N
Curled Dock	<i>Rumex crispus</i>	NN
Broad-leaved Dock	<i>Rumex obtusifolia</i>	NN
<u>PRIMROSE FAMILY</u>	<u>PRIMULACEAE</u>	
Fringed Loosestrife	<i>Lysimachia ciliata</i>	N
Whorled Loosestrife	<i>Lysimachia quadrifolia</i>	N
Swamp Loosestrife	<i>Lysimachia terrestris</i>	N
<u>CROWFOOT FAMILY</u>	<u>RANUNCULACEAE</u>	
White Baneberry	<i>Actaea pachypoda</i>	N
Red Baneberry	<i>Actaea rubra</i>	N
Sharp-lobed Hepatica	<i>Anemone acutiloba</i>	N
Thimbleweed	<i>Anemone cylindrica</i>	N
Canada Anemone	<i>Anemone canadensis</i>	N
Tall Anemone	<i>Anemone virginiana</i>	N
Marsh Marigold	<i>Caltha palustris</i>	N
Tall Buttercup	<i>Ranunculus acris</i>	NN

<u>OTHER VASCULAR PLANTS</u>		
<u>Common Name</u>	<u>Scientific Name</u>	<u>Status</u>
Cursed Buttercup	<i>Ranunculus sceleratus</i>	N
Tall Meadow-rue	<i>Thalictrum pubescens</i>	N
<u>ROSE FAMILY</u>	<u>ROSACEAE</u>	
Agrimony	<i>Agrimonia gryposepala</i>	N
Virginia Strawberry	<i>Fragaria virginiana</i>	N
Yellow Avens	<i>Geum aleppicum</i>	N
White Avens	<i>Geum canadense</i>	N
Rough-fruited Cinquefoil	<i>Potentilla recta</i>	NN
<u>MADDER FAMILY</u>	<u>RUBIACEAE</u>	
White Bedstraw	<i>Galium mollugo</i>	NN
<u>FIGWORT FAMILY</u>	<u>SCROPHULARIACEAE</u>	
Turtlehead	<i>Chelone glabra</i>	N
Common Mullein	<i>Verbascum thapsus</i>	N
Common Speedwell	<i>Veronica officinalis</i>	N
<u>NIGHTSHADE FAMILY</u>	<u>SOLANACEAE</u>	
Chinese Lantern	<i>Phaysalis alkekengi</i>	NN
Eastern Black Nightshade	<i>Solanum ptychanthum</i>	N
<u>NETTLE FAMILY</u>	<u>URTICACEAE</u>	
Bog-hemp	<i>Boehmeria cylindrica</i>	N
<u>VIOLET FAMILY</u>	<u>VIOLACEAE</u>	
Downy Yellow Violet	<i>Viola pubescens</i>	N

THE BIRDS OF EIGHT MILE POINT 2011-12

The various birds that I have seen on the Point are presented in the following table. Each species is listed in the order you will find them in most bird field guides.

There were 72 species seen in the two years of searching. There were no “endangered” species as defined by the Ontario Endangered Species Act (2007) found on the Point. There was, however, one “threatened” species, the Barn Swallow (*Hirundo rustica*) observed.

The first 3 columns for each species are self explanatory. The visitor/migrant column indicates birds that can be seen but do not breed on the Point. Visitors are birds that breed elsewhere in the area such as Herring Gulls and Double-crested Cormorants that can be seen feeding or resting along the shoreline. Migrants are birds either from the local area or from afar that are seen on the Point usually during spring and/or fall migrations such as the duck species Common Goldeneyes and Buffleheads.

<u>BIRDS OF EIGHT MILE POINT</u>			
<u>Common Name</u>	<u>Scientific Name</u>	<u>Nests on Point</u>	<u>Visitor/Migrant</u>
Common Loon	<i>Gaver immer</i>		X
Red-necked Grebe	<i>Podiceps grisegena</i>		X
Double-crested Cormorant	<i>Phalacrocorax auritus</i>		X
Great Blue Heron	<i>Ardea herodias</i>		X
Green Heron	<i>Butorides virescens</i>	X	
Canada Goose	<i>Branta canadensis</i>	X	
Mallard	<i>Anas platyrhynchos</i>	X	
Black Duck	<i>Anas rubripes</i>		X
Lesser Scaup	<i>Aythya affinis</i>		X
White-winged Scoter	<i>Melanitta fusca</i>		X
Common Goldeneye	<i>Bucephala clangula</i>		X
Bufflehead	<i>Bucephala albeola</i>		X
Common Merganser	<i>Mergus merganser</i>	X	
Red-breasted Merganser	<i>Mergus serator</i>		X

BIRDS OF EIGHT MILE POINT

<u>Common Name</u>	<u>Scientific Name</u>	<u>Nests on Point</u>	<u>Visitor/Migrant</u>
Hooded Merganser	<i>Laphodytes cucullatus</i>		X
Sharp-shinned Hawk	<i>Accipiter striatus</i>		X
Cooper's Hawk	<i>Accipiter cooperii</i>		X
Bald Eagle	<i>Haliaeetus leucocephalis</i>		X
Osprey	<i>Pandion haliaetus</i>		X
Common Loon	<i>Gavia immer</i>		X
Spotted Sandpiper	<i>Actitis macularia</i>	X	
Bonaparte's Gull	<i>Larus philadelphia</i>		X
Herring Gull	<i>Larus argentatus</i>		X
Ring-billed Gull	<i>Larus delawarensis</i>		X
Great Black-backed Gull	<i>Larus marinus</i>		X
Caspian Tern	<i>Sterna caspia</i>		X
Mourning Dove	<i>Zenaida macroura</i>	X	
Rock Dove	<i>Columba livia</i>		X
Ruby -throated Hummingbird	<i>Archilochus colubris</i>	X	
Belted Kingfisher	<i>Ceryle torquata</i>	X	
Yellow-bellied Sapsucker	<i>Sphyrapicus varius</i>	X	
Downy Woodpecker	<i>Picoides pubescens</i>	X	
Hairy Woodpecker	<i>Picoides villosus</i>	X	
Northern Flicker	<i>Colaptes auratus</i>	X	
Pileated Woodpecker	<i>Dryocopus pileatus</i>	X	
Eastern Wood Pewee	<i>Contopus virens</i>	X	
Least Flycatcher	<i>Empidonax minimus</i>	X	
Eastern Phoebe	<i>Sayornis phoebe</i>	X	

BIRDS OF EIGHT MILE POINT

<u>Common Name</u>	<u>Scientific Name</u>	<u>Nests on Point</u>	<u>Visitor/Migrant</u>
Great Crested Flycatcher	<i>Myiarchus crinitus</i>	X	
Eastern Kingbird	<i>Tyrannus tyrannus</i>	X	
Warbling Vireo	<i>Vireo gilvus</i>	X	
Red-eyed Vireo	<i>Vireo olivaceus</i>	X	
Blue Jay	<i>Cyanocitta cristata</i>	X	
American Crow	<i>Corvus brachyrhynchos</i>	X	
Tree Swallow	<i>Tachycineta bicolor</i>	X	
Barn Swallow (Threatened)	<i>Hirundo rustica</i>	X	
Black Capped Chickadee	<i>Poecile carolinensis</i>	X	
White -breasted Nuthatch	<i>Sitta carolinensis</i>	X	
Red-breasted Nuthatch	<i>Sitta canadensis</i>	X	
House Wren	<i>Troglodytes aedon</i>	X	
American Robin	<i>Turdus migratorius</i>	X	
Gray Catbird	<i>Dumetella carolinensis</i>	X	
Brown Thrasher	<i>Toxostoma rufum</i>		X
Starling	<i>Sturnus vulgaris</i>	X	
Cedar Waxwing	<i>Bombycilla cedrorum</i>	X	
Nashville Warbler	<i>Vermivora ruficapilla</i>	X	
Chestnut-sided Warbler	<i>Dendroica pensylvanica</i>	X	
Yellow Rumped Warbler	<i>Dendroica coronata</i>	X	
Black and White Warbler	<i>Mniotilta varia</i>	X	
American Redstart	<i>Setophaga ruticilla</i>	X	
Northern Cardinal	<i>Cardinalis cardinalis</i>	X	
Rose Breasted Grosbeak	<i>Pheucticus ludovicianus</i>	X	

BIRDS OF EIGHT MILE POINT

<u>Common Name</u>	<u>Scientific Name</u>	<u>Nests on Point</u>	<u>Visitor/Migrant</u>
Indigo Bunting	<i>Passerina cyanea</i>	X	
Chipping Sparrow	<i>Spizella passerina</i>	X	
Song Sparrow	<i>Melospiza melodia</i>	X	
Dark-eyed Junco	<i>Junco hyemalis</i>		X
Brown-headed Cowbird	<i>Molothrus ater</i>	X	X
Red-winged Blackbird	<i>Agelaius phoeniceus</i>	X	
Common Grackle	<i>Quiscalus quiscula</i>	X	
Baltimore Oriole	<i>Icterus galbula</i>	X	
Pine Siskin	<i>Carduelis pinus</i>		X
American Goldfinch	<i>Carduelis tristis</i>	X	

THE MAMMALS OF EIGHT MILE POINT 2011-2012

The list of mammals includes 15 species and is not as lengthy as the list for birds. Mammals are generally more secretive than birds and therefore it is more difficult to document their presence, especially the smaller species. Insectivores such as the Star-nosed Mole (*Condylura cristata*) and small rodents like Southern Flying Squirrel (*Glaucomys volans*) and Meadow Vole (*Microtus pennsylvanicus*) are all most likely present but I would like confirmation before adding them to the list. There were no “endangered” or “threatened” species found.

Most of the species listed breed and complete their life cycles on the Point and this is indicated on the table under the “Habitation” column on the right as “RI” or “regular inhabitants”. Other species have been seen but their habitat requirements are not fully met on the Point. They venture out occasionally from the adjacent mainland and are indicated as “OV” or “occasional visitors”.

<u>MAMMALS</u>		
<u>Common Name</u>	<u>Scientific Name</u>	<u>Habitation</u>
<u>SHREWS AND MOLES</u>	<u>INSECTIVORA</u>	
Northern Short-tailed Shrew	<i>Blarina brevicauda</i>	RI
<u>BATS</u>	<u>CHIROPTERA</u>	
Little Brown Bat	<i>Myotis lucifuga</i>	RI
<u>RABBITS AND HARES</u>	<u>LAGOMORPHA</u>	
Eastern Cottontail	<i>Sylvilagus floridanus</i>	RI
<u>RODENTS</u>	<u>RODENTIA</u>	
Woodchuck	<i>Marmota monax</i>	RI
Gray/Black Squirrel	<i>Sciurus carolinensis</i>	RI
Red Squirrel	<i>Tamiasciurus hudsonicus</i>	RI
Eastern Chipmunk	<i>Tamias striatus</i>	RI
Deer Mouse	<i>Peromyscus maniculatus</i>	RI
<u>CARNIVORES</u>	<u>CARNIVORA</u>	
Striped Skunk	<i>Mephitis mephitis</i>	RI

Mink	<i>Mustela vison</i>	RI
River Otter	<i>Lontra canadensis</i>	OV
Raccoon	<i>Procyon lotor</i>	RI
Red Fox	<i>Vulpes vulpes</i>	RI
Black Bear	<i>Ursus americanus</i>	OV
<u>DEER AND BISON</u>	<u>ARTIODACTYLA</u>	
White-tailed Deer	<i>Odocoileus virginianus</i>	OV

THE AMPHIBIANS OF EIGHT MILE POINT 2011-2012

The list of amphibians living on the point is shorter still than that of mammals and includes 6 species. None are “endangered” or “threatened”. Although I have not seen any recently I am sure the American Toad (*Bufo americanus*) will be seen and then we can add it to our list. All species spend their entire lives on the Point. Through the spring months several species can be heard serenading from the central swamp and this wetland area is critically important to all amphibians found on the Point. They are totally dependant on the swamp for egg laying and early development of their young.

<u>AMPHIBIANS</u>	
<u>Common Name</u>	<u>Scientific Name</u>
<u>MOLE SALAMANDERS</u>	<u>AMBYSTOMATIDAE</u>
Blue-spotted Salamander	<i>Ambystoma laterale</i>
<u>TREEFROGS</u>	<u>HYLIDAE</u>
Grey Tree Frog	<i>Hyla versicolor</i>
Spring Peeper	<i>Pseudacris crucifer</i>
<u>TRUE FROGS</u>	<u>RANIDAE</u>
Green Frog	<i>Rana clamitans</i>
Northern Leopard Frog	<i>Rana pipiens</i>
Wood Frog	<i>Rana sylvatica</i>

THE BUTTERFLIES OF EIGHT MILE POINT 2011-2012

The list of Butterflies includes 20 species but I expect many more will be added in time. For example, species traditionally found only in Southern Ontario are now appearing further north each year. Last year was the first year I had encountered Common Buckeye (*Junonia coenia*) in Simcoe County and in 2012 was the first year that I have ever seen this species on the Point. Other southern species will be appearing in our area in the future. There were no “endangered” or “threatened” species encountered. Butterflies are most commonly found in the large fields in the south and most are likely produced on the Point lands.

<u>BUTTERFLIES</u>	
<u>Common Name</u>	<u>Scientific Name</u>
<u>SKIPPERS</u>	<u>HESPERIIDAE</u>
Least Skipper	<i>Ancyloxypha numitor</i>
European Skipper	<i>Thymelicus lineola</i>
Tawny-edged Skipper	<i>Polites themistocles</i>
Dun Skipper	<i>Euphyes vestris</i>
<u>SWALLOWTAILS</u>	<u>PAPILIONIDAE</u>
Eastern Tiger Swallowtail	<i>Papilio glaucus</i>
Black Swallowtail	<i>Papilio polyxenes</i>
<u>WHITES AND SULPHURS</u>	<u>PIERIDAE</u>
Cabbage White	<i>Pieris rapae</i>
<u>GOSSAMER-WINGS</u>	<u>LYCAENIDAE</u>
Summer Azure	<i>Celestrina ladon neglecta</i>
Eastern Tailed Blue	<i>Everes comyntas</i>
Silvery Blue	<i>Glaucopsyche lygdamus</i>
<u>BRUSHFOOTS</u>	<u>NYMPHALIDAE</u>
Common Ringlet	<i>Coenonympha tullia</i>
Viceroy	<i>Limenitis archippus</i>
Monarch	<i>Danaus plexippus</i>
Common Buckeye	<i>Junonia coenia</i>
Northern Crescent	<i>Phycoides selenis</i>
Question Mark	<i>Polygonia interrogationis</i>

BUTTERFLIES

<u>Common Name</u>	<u>Scientific Name</u>
Eyed Brown	<i>Satyroides eurydice</i>
Great Spangled Fritillary	<i>Speyeria cybele</i>
Painted Lady	<i>Vanessa cardui</i>
Red Admiral	<i>Vanessa atalanta</i>

THE DAMSELFLIES AND DRAGONFLIES OF EIGHT MILE POINT 2011-2012

The list of these interesting insects is also far from complete. More observation will surely result in more species being identified on the Point. This will be an ongoing project as will the documentation of all other species. To date I have seen 12 species but I cannot say whether they are produced on the Point or elsewhere. Dragonflies do move around somewhat and there are streams, ponds and wetland areas on the mainland not far away. Many species can be seen in the grassy areas along with the Butterflies. There were no “endangered” or “threatened” species found.

<u>DAMSELFLIES AND DRAGONFLIES</u>	
<u>Common Name</u>	<u>Scientific Name</u>
<u>JEWELWINGS</u>	<u>CALOPTERYX</u>
Ebony Jewelwing	<i>Calopteryx maculata</i>
<u>POND DAMSELS</u>	<u>COENAGRIONIDAE</u>
Hagen’s Bluet	<i>Enallagma hagenii</i>
<u>DARNERS</u>	<u>AESHNIDAE</u>
Green Darner	<i>Anax junius</i>
Canada Darner	<i>Aeshna canadensis</i>
Fawn Darner	<i>Boyeria vinosa</i>
<u>EMERALDS</u>	<u>CORDULIIDAE</u>
Spiny Baskettail	<i>Epitheca spinigera</i>
Kennedy’s Emerald	<i>Somaotchlora kennedyi</i>
<u>SKIMMERS</u>	<u>LIBELLULIDAE</u>
Widow Skimmer	<i>Libellula luctuosa</i>
Twelve-spotted Skimmer	<i>Libellula pulchella</i>
Common Whitetail	<i>Platemis lydia</i>
Cherry-faced Meadowhawk	<i>Sympetrum internum</i>
White-faced Meadowhawk	<i>Sympetrum obtrusum</i>