

October 1, 2009

Brighton Constructed Wetland

110 Species of birds

American Bittern	Marsh Wren
American Black Duck	Merlin
American Crow	Mourning Dove
American Goldfinch	Mute Swan
American Kestrel	Nashville Warbler
American Robin	Northern Cardinal
American Tree Sparrow	Northern Flicker
American Widgeon	Northern Harrier
Bald Eagle (Immature)	Northern Parula Warbler
Baltimore Oriole	Northern Pintail
Barn Swallow	Northern Rough-winged Swallow
Belted Kingfisher	Northern Shoveller
Black-necked Stilt	Northern Waterthrush
Black-billed Cuckoo	Osprey
Black-capped Chickadee	Pectoral Sandpiper
Black-crowned Night Heron	Pied-Billed Grebe
Black-and-white Warbler	Purple Martin
Blue Gray Natcatcher	Redhead
Blue Jay	Red-necked Phalarope
Blue-winged Teal	Red-tailed Hawk
Bonaparte's Gull	Red-winged Blackbird
Brown-headed Cowbird	Ring-billed Gull
Bufflehead	Ring-necked Duck
Canada Geese	Rose-breasted Grosbeak
Caspian Tern	Rough-legged Hawk
Cedar Waxwing	Ruby-crowned Kinglet
Chimney Swift	Ruby-throated Hummingbird
Chipping Sparrow	Ruddy Duck
Common Moorhen	Scarlet Tanager
Common Grackle	Semi-Palmated Plover
Downy Woodpecker	Semi-Palmated Sandpiper
Double-crested Cormorant	Sharp-shinned Hawk
Dunlin	Short-billed Dowitcher
Eastern Kingbird	Solitary Sandpiper
Eastern Meadowlark	Solitary Vireo
Gadwall	Song Sparrow

Glossy Ibis
Gray Catbird
Great Blue Heron
Great Egret
Great-crested Flycatcher
Greater Scaup
Greater Yellowlegs
Green Heron
Green-winged Teal
Hairy Woodpecker
Herring Gull
Hooded Merganser
Indigo Bunting
Killdeer
Least Bittern
Least Flycatcher
Least Sandpiper
Lesser Yellowlegs
Long-Billed Dowitcher
Mallard

Sora
Spotted Sandpiper
Stilt Sandpiper
Swamp Sparrow
Tree Swallow
Trumpeter Swan
Turkey Vulture
Virginia Rail
White-Rumped Sandpiper
White-crowned Sparrow
White-throated Sparrow
Wild Turkey
Wilson's Snipe
Wilson's Warbler
Wood Duck
Yellow Warbler
Yellow-headed Blackbird
Yellow Warbler

Compiled by: Maureen Campeau

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108 Species of flowering plants

Alphalpa	<i>Medicago sativa</i>
Anemone, Canada	<i>Anemone canadensis</i>
Anemone, Wood	<i>Anemone quinquefolia</i>
Aster, Calico	<i>Aster lateriflorus</i>
Aster, Flat-topped White	<i>Aster umbellatus</i>
Aster, New England	<i>Aster novae-angliae</i>
Aster, New York	<i>Aster novae-belgii</i>
Aster, Panicked	<i>Aster simplex</i>
Aster, Purple-stemmed	<i>Symphotrichum puniceum</i>
Bedstraw, Fragrant	<i>Galium triflorum</i>
Bindweed, Field	<i>Convolvulus arvensis</i>
Bindweed, Hedge	<i>Convolvulus sepium</i>
Birdfoot Trefoil	<i>Lotus corniculatus</i>
Blue Flag (Iris)	<i>Iris versicolor</i>
Boneset	<i>Eupatorium perfoliatum</i>
Bouncing Bet	<i>Saponaria officinalis</i>
Burdock, Common	<i>Arctium minus</i>
Burdock, Great	<i>Arctium lappa</i>
Bur-Marigold	<i>Bidens</i>
Bur-reeds	<i>Sparganium</i>
Buttercup	<i>Ranunculus acris</i>
Campion, Bladder	<i>Silene cucubalus</i>
Cattail, Common	<i>Typha species</i>
Celandine	<i>Ranunculus ficaria</i>
Chamomile	<i>Matricaria chamomilla</i>
Chicory	<i>Cichorium</i>
Chickweed, Common	<i>Stellaria media</i>
Chickweed, Field	<i>Cerastium arvense</i>
Clover, Alsike	<i>Trifolium hybridum</i>
Clover, Hop	<i>Trifolium aureum</i>

Clover, Red	<i>Trifolium pratense</i>
Clover, White Sweet	<i>Melilotus alba</i>
Clover, Yellow Sweet	<i>Melilotus officinalis</i>
Coltsfoot	<i>Tussilago farfara</i>
Columbine	<i>Aquilegia canadensis</i>
Common Cinquefoil	<i>Potentilla simplex</i>
Daisy, Ox-eye	<i>Leucanthemum vulgare</i>
Dame's Rocket	<i>Hesperis matronalis</i>
Dandelion, Common	<i>Taraxacum officinale</i>
Dock, Curled	<i>Rumex crispus</i>
Evening Lychnis	<i>Lychnis alba</i>
Evening Shade	<i>Circaea quadrisulcata</i>
Fall Dandelion	<i>Fleontodon autumnalis</i>
False Solomon Seal	<i>Maianthemum racemosa</i>
Fleabane, Daisy	<i>Erigeron annuus</i>
Fleabane, Philadelphia	<i>Erigeron philadelphicus</i>
Flowering Rush	<i>Butomus umbellatus</i>
Goat's-Beard, Yellow	<i>Tragopogon pratensis</i>
Goldenrod, Canada	<i>Solidago canadensis</i>
Goldenrod, Rough-stemmed	<i>Solidago rugosa</i>
Goldenrod, Tall	<i>Solidago altissima</i>
Hairy Willow-Herb	<i>Epilobium hirsutum</i>
Hawkweed, Yellow	<i>Hieracium caespitosum</i>
Heal-all	<i>Prunella vulgaris</i>
Hemlock, Water	<i>Cicuta maculata</i>
Herb Robert	<i>Geranium robertianum</i>
Horseweed	<i>Erigeron canadensis</i>
Jewelweed	<i>Impatiens capensis</i>
Joe-Pye-Weed	<i>Eupatorium maculatum</i>
Lady's-Thumb	<i>Polygonum persicaria</i>
Loosestrife, Purple	<i>Lythrum salicario</i>
Milkweed, Common	<i>Asclepias syriaca</i>
Mint, catnip	<i>Nepeta cataria</i>
Motherwort	<i>Leonurus cardiaca</i>
Mullein, Common	<i>Verbascum thapsus</i>
Mustard, Garlic	<i>Alliaria officinalis</i>
Narrow-leaved Willow-Herb	<i>Epilobium leptophyllum</i>
Phragmites	<i>Phragmites australis</i>
Pineapple-Weed	<i>Matricaria matricariodes</i>
Plantain, Common	<i>Plantago major</i>
Plantain, English	<i>Plantago lanceolata</i>
Queen Anne's Lace	<i>Daucus carota</i>
Ragweed, Common	<i>Ambrosia artemisiifolia</i>

Raspberry	<i>Rubus idaeus</i>
Raspberry, Purple-flowering	<i>Rubus odoratus</i>
Rough-fruited Cinquefoil	<i>Potentilla norregica</i>
Silverweed	<i>Potentilla anserina</i>
Smartweed, Common	<i>Polygonum hydropiper</i>
Smartweed, Pale	<i>Polygonum lapathifloium</i>
Smartweed, Water	<i>Polygonum amphibium</i>
Solomon's-Seal, False	<i>Smilacina racemosa</i>
St. Johnswort, Common	<i>Hypericum perforatum</i>
Stinging Nettle	<i>Urtica dioica</i>
Strawberry, Wild	<i>Fragaria virginiana</i>
Sundrops	<i>Onagraceae fruticosa</i>
Tansy	<i>Tanacetum vulgare</i>
Teasel	<i>Dipsacus sylvestris</i>
Thistle, Field Sow-	<i>Sonchus arvensis</i>
Thistle, Bull	<i>Cirsium vulgare</i>
Thistle, Canada	<i>Cirsium arvense</i>
Thistle, Common Sow-	<i>Sonchus oleraceus</i>
Thistle, Nodding	<i>Carduus nutans</i>
Thistle, Scotch	<i>Onopordum acanthium</i>
Tickseed-Sunflower	<i>Bidens aristosa</i>
Thimbleweed	<i>Anemone virginiana</i>
Toadflax	<i>Linaria vulgaris</i>
Vivian, Blue	<i>Verbena hastata</i>
Vetch, Cow	<i>Vicia cracca</i>
Vetch, Crown	<i>Coronilla varia</i>
Viper's Bugloss	<i>Echium vulgare</i>
White Avens	<i>Geum canadense</i>
Wild Cucumber	<i>Echinocystis lobata</i>
Wild Grape	<i>Vitis vinifera</i>
Wild Marjoram	<i>Origanum vulgares</i>
Wild Mustard	<i>Sinapis arvensis</i>
Wild Parsnip	<i>Pastinaca sativa</i>
Wood-Mint, Downy	<i>Blephilia ciliata</i>
Yarrow	<i>Achillea millefolium</i>

Compiled by: Rodney V. Lee B.A., M.A.

October 1, 2009

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29 species

Odonata observed - This is an incomplete list. More intensive and seasonal study would undoubtedly yield more species.

Damselflies

	<i>Zygoptera</i>
Ebony Jewelwing	<i>Calopteryx masculate</i>
Spreadwings (various)	<i>Lestes spp.</i>
* Tule Bluet	<i>Enallagma carunculatum</i>
Familiar Bluet	<i>Enallagma civile</i>
Eastern Forktail Damselfly	<i>Ischnura verticalis</i>
Sedge Sprite	<i>Nehalennia irene</i>

Dragonflies

	<i>Anisoptera</i>
* Common Green Darner	<i>Anax junius</i>
Swamp Darner	<i>Epiaeschna heros</i>
Canada Darner	<i>Aeshna canadensis</i>
Black-tipped Darner	<i>Aeshna tuberculifera</i>
* Lance-tipped Darner	<i>Aeshna constricta</i>
Racket-tailed Emerald	<i>Dorocordulia libera</i>
Common Baskettail	<i>Epithea cynosure</i>
Prince Baskettail	<i>Epithea princeps</i>
Eastern Pondhawk	<i>Erythemis simplicicollis</i>
Blue Dasher	<i>Pachydiplax longipennis</i>
Wandering Glider	<i>Pantala flavescens</i>
Black Saddlebags	<i>Tramea lacerate</i>
Calico Pennant	<i>Celithemis elisa</i>
Halloween Pennant	<i>Celithemis eponina</i>
Dot-tailed Whiteface	<i>Leucorrhinia intacta</i>
* (1) Band-winged Meadowhawk	<i>Sympetrum semincinctum</i>
* White-faced Meadowhawk	<i>Sympetrum obtrusum</i>
Ruby Meadowhawk	<i>Sympetrum rubicundulum</i>
* Autumn Meadowhawk	<i>Sympetrum vicinum</i>
Twelve-spotted Skimmer	<i>Libellula pulchella</i>

*	Common Whitetail	<i>Libellula lydia</i>
	Pied (Widow Skimmer)	<i>Libellula lluctuosa</i>
	Four-spotted Skimmer	<i>Libellula quadrimaculata</i>

* Identified by - Christina Lewis & Robert Bracken - Ottawa
(1) not common

Compiled by: Don Shanahan - Brighton September 28, 2009
Prepared by: Maureen Campeau

October 1, 2009

Brighton Constructed Wetland

Lepidoptera observed - This is an incomplete list. A more intensive and seasonal study would undoubtedly yield more species

28 species of Butterflies

Black Swallowtail	<i>Papilio polyxenes</i>
Eastern Tiger Swallowtail	<i>Papilio glaucus</i>
Canadian Tiger Swallowtail	<i>Papilio canadensis</i>
Mustard White	<i>Pieris oleracea</i>
Cabbage White	<i>Pieris rapae</i>
Clouded Sulphur	<i>Colias philodice</i>
Orange Sulphur	<i>Colias eurytheme</i>
Eastern Tailed Blue	<i>Everes comyntas</i>
Silvery Blue	<i>Glaucopsyche lygdamus</i>
Spring / Summer Azure	<i>Celastrina ladon subspecies</i>
Great Spangled Fritillary	<i>Speyeria cybele</i>
Northern Crescent	<i>Phycoides selenus</i>
Pearl Crescent	<i>Phycoides tharos</i>
Question Mark	<i>Polygonia interrogationis</i>
Eastern Comma	<i>Polygonia comma</i>
Red Admiral	<i>Vanessa atalanta rubia</i>
American Lady	<i>Vanessa virginiensis</i>
Painted Lady	<i>Vanessa cardui</i>
Common Buckeye	<i>Junonia coenia Hübner</i>
White Admiral	<i>Limenitis arthemis</i>
Viceroy	<i>Limenitis archippus</i>
Monarch	<i>Danaus plexippus</i>
Common Wood-Nymph	<i>Cercyonis pegala nephele</i>
Common Ringlet	<i>Coenonymphala tullia</i>
Least Skipper	<i>Ancyloxypha numitor</i>
European Skipper	<i>Thymelicus lineola</i>
Tawny-edged Skipper	<i>Polites themistocles</i>
Mourning Cloak	<i>Nymphalis antiopa</i>

Compiled by: Don Shanahan - Brighton September 30, 2009

Prepared by: Maureen Campeau

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10 species of Mammals

Chipmunk

Coyote

Fisher

Mink

Muskrat

Red Fox

Red Squirrel

Shrew

Star-nosed Mole

Weasel

White-Tail Deer

Compiled by:

Rodney V. Lee B.A., M.A., Maureen Campeau & Keith Lee