

NEWPORT FOREST CHECKLIST OF BIOTA

Last update: November 25 2010

WARNING: This list is very much a work in progress. Some of the taxonomic arrangements and labels require revision, names have to be checked, and so on.

The following list contains information on all species observed or collected in Newport Forest since the property was acquired in June of 2000. A few records from prior years are included. We thank the many expert individuals who have assisted us with the ATBI survey. The list below must be considered a work in progress. This includes not only the additions of new species to the list, but occasional revisions or refinements of the taxonomic backbone within each of the larger groups

Each entry consists of a common name, scientific name, and a three-part code that reflects the locale in which the species was observed or collected, the name of the collector (lower case initials) concatenated with the name of the identifier (upper case initials), and the date the species was collected or observed. In cases where the identifier was also the observer/collector, only one name appears. (See the Personnel Codes at end of document.)

Scientific names or portions thereof are placed in square brackets where the identification is uncertain. Typically, this device is used when reference materials are incomplete; the name in square brackets reflecting the species in our references that most closely matched the characters of the specimen observed or collected. It may be assumed that a majority of species so named are named correctly, although assuredly not all of them. The common name is sometimes replaced by a generic name (e.g. Robber fly) when no common name is available or by a made-up common name that is intended to convey an important feature of the species in question or by a letter designation (e.g. sp. A) when a more detailed description is necessary. The latter sorts of names are enclosed in single quotes.

Where possible, we have included the provincial (NHIC) S-rankings as an indication of the relative abundance or rarity of species at the provincial level. The rankings range from S1 (rare) to S5 (common).

The current total species count stands at 1700

By kingdom:	Plantae	466
	Animalia	849
	Protista	162
	Fungi & Lichens	209
	Eubacteria	14

The list is prefaced by a census of the woody plants of Newport Forest, these forming the ecological “backbone” of the supercommunity. The comprehensive checklist begins immediately after that.

Newport Forest Checklist of Woody Species

This checklist has been divided into the standard size classes associated with woody species that favour forested habitats, even though some of them are open-field or sun-intolerant trees or shrubs.

Common name	Scientific name	Locale
Canopy Trees		
Box Elder	<i>Acer negundo</i>	RSF
Black Maple	<i>Acer nigrum</i>	RSF/HBF
Red Maple	<i>Acer rubrum</i>	BCF
Silver Maple	<i>Acer saccharinum</i>	RSF/R/W
Sugar Maple	<i>Acer saccharum</i>	RSF
Bitternut Hickory	<i>Carya cordiformis</i>	RSF
Shagbark Hickory	<i>Carya ovata</i>	FCF/LM
Northern Catalpa	<i>Catalpa speciosa</i>	UM/ER
Hackberry	<i>Celtis occidentalis</i>	RSF
American Beech	<i>Fagus grandifolia</i>	RSF/HB
White Ash	<i>Fraxinus americana</i>	RSF KD
Red Ash	<i>Fraxinus pennsylvanica</i>	BC/E
Blue Ash	<i>Fraxinus quadrangulata</i>	BCF
Black Walnut	<i>Juglans nigra</i>	BCF/ET
Scotch Pine	<i>Pinus sylvestris</i>	TR/blfs
Sycamore	<i>Platanus occidentalis</i>	RSF
Eastern Cottonwood	<i>Populus deltoides</i>	RSF/R
Large-toothed Aspen	<i>Populus grandidentata</i>	HB/N
Quaking Aspen	<i>Populus tremuloides</i>	RBT
Black Cherry	<i>Prunus serotina</i>	HB
White Oak	<i>Quercus alba</i>	HBF
Swamp White Oak	<i>Quercus bicolor</i>	BCF
Bur Oak	<i>Quercus macrocarpa</i>	GF/LM
Chinquapin Oak	<i>Quercus muehlenbergii</i>	HBF
Red Oak	<i>Quercus rubra</i>	HBF
Black Willow	<i>Salix x nigra</i>	BCF
Sassafras	<i>Sassafras albidum</i>	TH
American Basswood	<i>Tilia americana</i>	RSF/HB
Slippery Elm	<i>Ulmus rubra</i>	BCF
Understory (trees)		
Common Shadbush	<i>Amelanchier arborea</i>	GF/FC
Eastern Flowering Dogwood	<i>Cornus florida</i>	RB
Blue-Beech	<i>Carpinus caroliniana</i>	HBF
Hawthorn	<i>Crataegus compacta</i>	FCF/LM
Hawthorn	<i>Crataegus crus-galli</i>	FCF/LM
Hawthorn	<i>Crataegus macracantha</i>	RB
Hawthorn	<i>Crataegus mollis</i>	FCN
Hawthorn	<i>Crataegus punctata</i>	RB
Hawthorn	<i>Crataegus succulenta</i>	HB
Autumn Olive*	<i>Eleagnus umbellata</i>	TRB
Eastern Redcedar	<i>Juniperus virginiana</i>	LM/FCF
Crabapple	<i>Malus coronaria</i>	FCF/LM
(Wild) Apple*	<i>Malus domestica</i>	BCF

Domestic Apple	<i>Malus pumila</i>	TH
White Mulberry	<i>Morus alba</i>	FCF/E KD
Ironwood	<i>Ostrya virginiana</i>	HBF
American Plum	<i>Prunus americanus</i>	HB/W
Domestic Pear*	<i>Pyrus communis</i>	UMF
Common Buckthorn*	<i>Rhamnus cathartica</i>	GF
White Willow	<i>Salix alba</i>	RSF/R/W
Sandbar Willow	<i>Salix exigua</i>	SB
Bladdernut	<i>Staphylea trifolia</i>	BCF
Eastern White-cedar	<i>Thuja occidentalis</i>	RL
Understory (vines)		
Bittersweet	<i>Celastrus scandens</i>	BCF/ET
Virgin's Bower	<i>Clematis virginiana</i>	BCF
Moonseed Vine	<i>Menispermum canadense</i>	BCF/E
Virginia Creeper	<i>Parthenocissus vitacea</i>	BCF
Climbing Poison Ivy	<i>Toxicodendron radicans</i> (negundo)	RSF
Summer Grape	<i>Vitis aestivalis</i>	BCtr
Riverbank Grape	<i>Vitis riparia</i>	RSF
Shrub Layer		
Buttonbush	<i>Cephalanthus occidentalis</i>	BC/E
Gray Dogwood	<i>Cornus racemosa</i>	ER
Red Osier Dogwood	<i>Cornus stolonifera</i>	EW
Spicebush	<i>Lindera benzoin</i>	BCF/HB
Red Honeysuckle	<i>Lonicera dioica</i>	RSF
Trumpet Honeysuckle	<i>Lonicera [sempervirens]</i>	HB
Tatarian Honeysuckle	<i>Lonicera tatarica</i>	RB
White-flowered Honeysuckle	<i>Lonicera sp.</i>	RB
Ninebark	<i>Physocarpus opulifolius</i>	RBT
Pincherry	<i>Prunus pensylvanica</i>	Nk pd/KD
Sand Cherry	<i>Prunus susquehanae</i>	EW/E
Chokecherry	<i>Prunus virginiana</i>	RL
Fragrant Sumac	<i>Rhus aromatica</i>	LM/GF
Staghorn Sumac	<i>Rhus typhina</i>	RSF PD
Prickly Gooseberry	<i>Ribes cynosbati</i>	BCF/LM
Bristly Black Currant	<i>Ribes lacustre</i>	RSF/HB
Multiflora Rose*	<i>Rosa multiflora</i>	RSF
Elderberry	<i>Sambucus canadensis</i>	RSF/N
Maple-leaved Viburnum	<i>Viburnum acerifolium</i>	HB/S
Nannyberry	<i>Viburnum lentago</i>	HB/W
Downy Arrow-wood	<i>Viburnum rafinesquianum</i>	HB
Highbush Cranberry	<i>Viburnum trilobum</i>	BCT
Prickly Ash	<i>Zanthoxylum americanum</i>	HBF
Ground Layer		
Running Strawberry	<i>Euonymus obovatus</i>	RSF
Creeping Poison Ivy	<i>Toxicodendron radicans</i> (rydbergii)	BCF

* introduced species

PLANTAE (466)

Common name	Scientific name	Locale/by/date
CONIFEROPHYTA (3)		

Cupressaceae		
Eastern Redcedar	<i>Juniperus virginiana</i>	LM/FCF Nv02/00
Eastern White-cedar	<i>Thuja occidentalis</i>	RL SL Ap03/04
Scotch Pine	<i>Pinus sylvestris</i>	TR/blfs
ANGIOSPERMATOPHYTA (328)		

DICOTYLEDONAE (322)		
Order		
Aceraceae		
Box Elder	<i>Acer negundo</i>	RSF KD Mr07/02
Red Maple	<i>Acer rubrum</i>	BCF/470 KD J110/02
Silver Maple	<i>Acer saccharinum</i>	RSF/R/W KD Oc04/02
Black Maple	<i>Acer saccharum</i> ssp. <i>nigrum</i>	RSF/HBF KD My06/00
Sugar Maple	<i>Acer saccharum</i> ssp. <i>sacharum</i>	RSF KD Sp13/00
Amaranthaceae		
Water Hemp	<i>Amaranthus</i> c.f. <i>tuberculatus</i>	TRblfs JB Sp15/01
Tumbleweed	<i>Amaranthus albus</i>	Nk PD Sp20/08
Pigweed	<i>Chenopodium album</i>	LM PD Au30/04
Anacardaceae		
Climbing Poison Ivy	<i>Rhus radicans</i> ssp. <i>negundo</i>	BCF PD [P-lists]
Ground Poison Ivy	<i>Rhus radicans</i> ssp. <i>rydbergii</i>	BCT PD [P-lists]
Fragrant Sumac	<i>Rhus aromatica</i>	LM/GF KD Ap20/10
Staghorn Sumac	<i>Rhus typhina</i>	RSF PD [P-lists]
Apocynaceae		
Spreading Dogbane	<i>Apocynum androsaemifolium</i>	RL PD [P-lists]

Indian Hemp	<i>Apocynum cannabinum</i>	RL PD J118/03
Apiaceae		
Goutweed	<i>Aegopodium podagraria</i>	RSF PD [P-lists]
Angelica	<i>Angelica atropurpurea</i>	RL
Harbinger of Spring	<i>Erigenia bulbosa</i>	HB PD Mr27/07
Water Hemlock	<i>Cicuta maculata</i>	BC PD date
Honewort	<i>Cryptotaenia canadensis</i>	BCF PD My17/01
Wild Carrot	<i>Daucus carota</i>	UM/ER PD So03/00
Cow Parsnip	<i>Heracleum lanatum</i>	RL PD Je18/00
Wild Parsnip	<i>Pastinaca sativa</i>	RL PD [P-lists]
Clustered Snakeroot	<i>Sanicula gregaria</i>	CPs PD My23/10
Short-styled Snakeroot	<i>Sanicula canadensis</i>	ET FBO Sp14/02
Water Parsnip	<i>Sium suave</i>	BCbd PD [P-lists]
Yellow Pimpernel	<i>Taenidia integerrima</i>	RL WEN My17/01
Golden Alexander	<i>Zizia aurea</i>	WR PD My05/01
Aristolochiaceae		
Wild Ginger	<i>Asarum canadense</i>	FCF/blff J105/00 PD
Asclepiadaceae		
Swamp Milkweed	<i>Asclepias incarnata</i>	BC/W PD Au07/02
Common Milkweed	<i>Asclepias syriaca</i>	UM/ER PD Sp03/00
Asteraceae		
Yarrow	<i>Achillea millefolium</i>	UM/ER PD Sp03/00
Common Ragweed	<i>Ambrosia artemisiifolia</i>	UM/ER PD Sp03/00
Cat's Foot	<i>Antennaria neglecta</i>	LM
Great Ragweed	<i>Ambrosia trifida</i>	EW/fld PD Nv02/00
Common Burdock	<i>Arctium minus</i>	BCT
Biennial Wormwood	<i>Artemisia biennis</i>	RL PD [P-lists]
Heart-leaved Aster	<i>Aster cordifolius</i>	FCN JP Sp20/01
Heath Aster	<i>Aster ericoides</i>	LM JB Sp26/07
Smooth Aster	<i>Aster laevis</i>	UM
Calico Aster	<i>Aster latuiflora</i>	RSF JB Sp15/01
Side-flowering Aster	<i>Aster lateriflorus</i>	LM PD [P-lists]
Big-leaved Aster	<i>Aster macrophyllus</i>	BCF PD [P-lists]
New England Aster	<i>Aster novae-angliae</i>	UM/ER PD Sp03/00
Hairy Aster	<i>Aster pilosus</i> var. <i>pilosus</i>	LM PD [P-lists]
Pale Purple Wood Aster		WRF PD Oc01/00
Nodding Bur Marigold	<i>Bidens cernua</i>	RB JB Sp15/01
Beggar Tick	<i>Bidens frondosa</i>	RB JB Sp15/01
Swamp Beggar Tick	<i>Bidens tripartita</i>	BCF PD Sp24/00
Oxeye Daisy	<i>Chrysanthemum leucanthemum</i>	UM PD
Scotch Thistle	<i>Cirsium arvense</i>	LM PD
Canada Thistle	<i>Cirsium canadense</i>	UM/ER PD Sp03/00
Bull Thistle	<i>Cirsium vulgare</i>	LM PD Au30/04
Chicory	<i>Cichorium intybus</i>	UM PD
Horseweed	<i>Conzya canadensis</i>	MB JB Sp15/01
Annual Fleabane	<i>Erigeron annuus</i>	BCF PD [P-lists]
Canadian Horseweed	<i>Erigeron canadensis</i>	RSF kd/PD Sp14/08
Marsh Fleabane	<i>Erigeron philadelphicus</i>	RL PD [P-lists]
Robin's Plantain	<i>Erigeron pulchellus</i>	TR/CGB PD Au13/04
White Snakeroot	<i>Eupatorium rugosum</i>	BCF PD J122/00

Common Boneset	<i>Eupatorium perfoliatum</i>	BCT PD [P-lists]
Joe-pye Weed	<i>Eupatorium maculatum</i>	BCT PD [P-lists]
Purple Joe Pye Weed	<i>Eupatorium purpureum</i>	BCF/T JB Sp15/01
Grass-leaved Goldenrod	<i>Euthamia graminifolia</i>	BCT PD [P-lists]
Sneezeweed	<i>Helenium autumnale</i>	RLKD Sp24/00
Black-eyed Susan	<i>Helenium serotina</i>	LM PD J122/00
Woodland Sunflower	<i>Helianthus divaricatus</i>	BCT PD
Tall Sunflower	<i>Helianthus giganteus</i>	BCT PD
Jerusalem Artichoke	<i>Helianthus tuberosus</i>	LM PD
False Sunflower	<i>Heliopsis helianthoides</i>	BCT PD
King Devil	<i>Hieracium caespitosum</i>	RL PD My31/01
Hawkweed	<i>Hieracium vulgatum</i>	ER PD Je10/01
Tall Blue Lettuce	<i>Lactuca biennis</i>	BCT PD [P-lists]
Tall Lettuce	<i>Lactuca canadensis</i>	BCF PD [P-lists]
Prickly Lettuce	<i>Lactuca serriola</i>	RSF JB Sp26/07
Wild Quinine	<i>Parthenium integrifolium</i>	FCF PD Au116/08
White Rattlesnake Root	<i>Prenanthes alba</i>	RL PD [P-lists]
Grey-headed Coneflower	<i>Ratibida pinnata</i>	LM/BCF PD J118/03
Black-eyed Susan	<i>Rudbeckia hirta</i>	LM PD [P-lists]
Cut-leaved Coneflower	<i>Rudbeckia laciniata</i>	LM PD J122/00
Common Groundsel	<i>Senecio vulgaris</i>	RL PD Au27/07
Cup Plant	<i>Silphium perfoliatum</i>	RL PD Je18/00
Tall Goldenrod	<i>Solidago altissima</i>	LM PD [P=lists]
Blue-stemmed Goldenrod	<i>Solidago caesia</i>	HB PD Sp24/00
Canada Goldenrod	<i>Solidago canadensis</i>	UM/ER PD Sp03/00
Zigzag Goldenrod	<i>Solidago flexicaulis</i>	HB PD Sp24/00
Late Goldenrod	<i>Solidago gigantea</i>	RB JB Sp15/01
Early Goldenrod	<i>Solidago juncea</i>	RL PD [P-lists]
Old-field Goldenrod	<i>Solidago nemoralis</i>	UM/ER PD Sp03/00
“Ridged Goldenrod”	<i>Solidago rugosa</i>	TRT/blfs PD Oc31/04
‘Woodland Goldenrod’	<i>Solidago sp.</i>	FCN JP Sp20/01
Spiny-leaved Sow Thistle	<i>Sonchus asper</i>	HBF PD J118/03
Garden Tansy	<i>Tanacetum vulgare</i>	RSF JB Sp26/07
Dandelion	<i>Taraxacum officinale</i>	WR PD My05/01
Coltsfoot	<i>Tussilago farfara</i>	RL PD [P-lists]
Wingstem	<i>Verbesina alternifolia</i>	ET PD Oc01/00
American Brookline	<i>Veronica americana</i>	BCF/sw PD Je17/01
Common Speedwell	<i>Veronica officinalis</i>	RL PD
Thyme-leaved Speedwell	<i>Veronica serpyllifolia</i>	LM PD My16/08
Common Cocklebur	<i>Xanthium chinense</i>	RL PD Sp24/00
Balsaminaceae		
Spotted Touch-me-not	<i>Impatiens capensis</i>	RSF PD
Pale Touch-me-not	<i>Impatiens pallida</i>	RSF PD J122/00
Berberidaceae		
Blue Cohosh	<i>Caulophyllum thalictroides</i>	BBW KD/PD AU05/09

May Apple	<i>Podophyllum peltatum</i>	HB/E KD Ap27/01
Betulaceae		
Yellow Birch*	<i>Betula alleghaniensis</i>	LM KD date05
River Birch*	<i>Betula nigra</i>	BCF/ET Sp25/06

Blue-Beech	<i>Carpinus caroliniana</i>	HBF KD Sp13/00
Ironwood	<i>Ostrya virginiana</i>	HBF KD Sp13/00
Boraginaceae		
Viper's Bugloss	<i>Echium vulgare</i>	WM PD J119/03
Virginia Bluebells	<i>Mertensia virginica</i>	RSF KD Ap27/01
Bignoniaceae		
Northern Catalpa	<i>Catalpa speciosa</i>	MRF KD
Brassicaceae		
Garlic mustard	<i>Alliaria petiolata</i>	FCF
Yellow Rocket	<i>Barbarea vulgaris</i>	RSF JB Sp26/07
Black Mustard	<i>Brassica nigra</i>	RL PD J118/03
Field Mustard	<i>Brassica rapa</i>	HBF PD Je08/03
Cut-leaf Toothwort	<i>Cardamine concatenata</i>	FC
Dame's Rocket	<i>Hesperis matronalis</i>	FC JB Sp26/07
Field Cress	<i>Lepidium campestre</i>	LM PD My24/01
Creeping Yellow Cress	<i>Rorippa sylvestris</i>	RL JB Sp26/07
Tumble Mustard	<i>Sisymbrium altissimum</i>	RL PD [P-lists]
Campanulaceae		
Downy Lobelia	<i>Lobelia puberula</i>	BCF PD Sp02/06
Great Blue Lobelia	<i>Lobelia siphilitica</i>	RL PD Au13/01
Cannabaceae		
Common Hop	<i>Humulus lupulus</i>	RSF JB Sp26/07
Caprifoliaceae		
Orange-fruited Horse Gentian	<i>Triosteum aurantiacum</i>	BCF/HB PD Oc22/00
Red Honeysuckle	<i>Lonicera dioica</i>	RSF PD [P-lists]
Tatarian Honeysuckle	<i>Lonicera tatarica</i>	RB PD My13/01
Elderberry	<i>Sambucus canadensis</i>	RSF/N kd/PD Ap28/04
Maple-leaved Viburnum	<i>Viburnum acerifolium</i>	HB/S KD My24/04
Nannyberry	<i>Viburnum lantago</i>	HB PD [P-lists]
European Highbush Cranberry	<i>Viburnum opulus</i>	RL JB Sp26/07
Downy Arrow-wood	<i>Viburnum rafinesqianum</i>	HB PD [P-lists]
Highbush Cranberry	<i>Viburnum trilobum</i>	BCT PD [P-lists]
Caryophyllaceae		
Deptford Pink	<i>Dianthus armeria</i>	loc? JP Sp20/01
Lesser Stitchwort	<i>Stellaria graminea</i>	UM PD [P-lists]
Celastraceae		
Climbing Bittersweet	<i>Celastrus scandens</i>	BCF GJ Au21/00
Running Strawberry	<i>Euonymus obovata</i>	WR PD My05/01
Chenopodiaceae		
Spearscale	<i>Atriplex patula</i>	RL JB Sp26/07
Lamb's Quarters, pigweed	<i>Chenopodium album</i>	RL JB Sp26/07
Convolvulaceae		
Common Dodder	<i>Cuscuta gronovii</i>	BC/W kd/PD Au07/02
Field Bindweed	<i>Convolvulus arvensis</i>	TR/Rp PD J120/09
Hedge Bindweed	<i>Convolvulus sepium</i>	SB PD Au09/04
Cornaceae		
Alternating Dogwood	<i>Cornus alternifolia</i>	Copse KD Sp26/07
Gray Dogwood	<i>Cornus racemosa</i>	ER PD Sp03/00
Eastern Flowering Dogwood	<i>Cornus florida</i>	KD RB My23/06
Red Osier Dogwood	<i>Cornus stolonifera</i>	RBIfs KD

Cruciferae		
Cutleaved Toothwort	<i>Dentaria laciniata</i>	RSF DJ Ap17/01
Cucurbitaceae		
Wild Cucumber	<i>Echinocystis lobata</i>	FC/br PD. Je18/00
Bur Cucumber	<i>Sicyos angulatus</i>	RL PD [P-lists]
Dipsacaceae		
Common Teasel	<i>Dipsacus sylvestris</i>	UM/ER PD Sp03/00
Eliagnaceae		
Russian Olive	<i>Eleagnus angustifolia</i>	TRB PD
'False Chokecherry'	<i>Eleagnus [commutatis]</i>	RL JP Sp20/01
Equisetaceae		
Field Horsetail	<i>Equisetum arvense</i>	RL PD
Ericaceae		
Bearberry	<i>Arctostaphylos uva-ursi</i>	RL PD [P-lists]
Euphorbiaceae		
Three-sided Mercury	<i>Acalypha rhomboidea</i>	RL JB Sp26/07
Cypress Spurge	<i>Euphorbia cyparissias</i>	UM PD
Fabaceae		
Hog Peanut	<i>Amphicarpa bracteata</i>	BCF PDWild J122/00
Groundnut	<i>Apios americana</i>	RL kd/PD Au22/10
Black Medick	<i>Medicago lupulina</i>	LM PD J122/00
Yellow Sweet Clover	<i>Melilotis officinalis</i>	UM/ER PD Sp03/00
Birdsfoot Trefoil	<i>Lotus corniculatus</i>	UM/ER PD Sp03/00
Red Clover	<i>Trifolium pratense</i>	LM PD [P-lists]
White Clover	<i>Trifolium repens</i>	LM PD [P-lists]
Fagaceae		
American Beech	<i>Fagus grandifolia</i>	RSF/HB KD Sp13/00
White Oak	<i>Quercus alba</i>	HBF KD Sp13/00
Swamp White Oak	<i>Quercus bicolor</i>	BCF KD Sp16/00
Bur Oak	<i>Quercus macrocarpa</i>	WRF KD Oc01/00
Chinquapin Oak	<i>Quercus muehlenbergii</i>	HBF KD Oc16/00
Red Oak	<i>Quercus rubra</i>	HBF KD Sp13/00
Fumariaceae		
Dutchman's Breeches	<i>Dicentra cucullaria</i>	FCFPD My06/00
Gentianaceae		
Fringed Gentian	<i>Gentiana procera</i>	RBf DM/LW Sp11/10
Geraniaceae		
Wild Geranium	<i>Geranium maculatum</i>	FCFPD My06/00
Grossulariaceae		
Wild Black Currant	<i>Ribes americanum</i>	WR PD My05/01
Prickly Gooseberry	<i>Ribes cynosbati</i>	BCT PD [P-lists]
Guttiferae		
Common St. John's-wort	<i>Hypericum perforatum</i>	LM PD
Spotted St Johns Wort	<i>Hypericum punctatum</i>	Ho PD J124/08
Hydrophyllaceae		
Virginia Waterleaf	<i>Hydrophyllum virginianum</i>	HB PD [P-lists]
Juglandaceae		
Bitternut Hickory	<i>Carya cordiformis</i>	RSF KD Sp13/00
Shagbark Hickory	<i>Carya ovata</i>	FCF/LM KD Oc01/00
Butternut	<i>Juglans cinerea</i>	LM KD J117/07

Black Walnut	<i>Juglans nigra</i>	BCF/ET KD Ap09/00
Lamiaceae		
Ground Ivy	<i>Glechoma hederacea</i>	RSF JB Sp26/07
Virginia Bugleweed	<i>Lycopus virginicus</i>	FC/LR PD Au31/08
Northern Bugleweed	<i>Lycopus uniflorus</i>	RSF JB Sp26/07
Wild Mint	<i>Mentha arvensis</i>	RL JB Sp26/07
Wild Bergomont	<i>Monarda fistulosa</i>	LM/ET PD Au05/00
Self-heal	<i>Prunella vulgaris</i>	HB PD Oc22/00
Hairy Skullcap	<i>Scutellaria elliptica</i>	KD HB J110/06
Hedge Nettle	<i>Stachys sp.</i>	BCbd PD [P-lists]
Wood Sage	<i>Teucrium canadense</i>	BCT PD [P-lists]
Linaceae		
Common Flax	<i>Linum usitatissimum</i>	HBF PD Au13/04
Lauraceae		
Spicebush	<i>Lindera benzoin</i>	BCF/HB KD My01/01
Sassafras	<i>Sassafras albidum</i>	TH JB Sp14/02
Limnanthaceae		
False Mermaid	<i>Florkea proserpinacoides</i>	HB/S MA Ap28/01
Lythraceae		
Purple Loosestrife	<i>Lythrum salicaria</i>	RL PD J106/00
Malvaceae		
Velvetleaf	<i>Abutilon theophrasti</i>	RL JB Sp26/07
Magnoliaceae		
Tulip Tree	<i>Liriodendron tulipifera</i>	FC/GF KD Ap06/04
Menispermaceae		
Moonseed	<i>Menispermum canadense</i>	BCT PD
Moraceae		
White Mulberry	<i>Morus alba</i>	FCF/E KD
Oleaceae		
White Ash	<i>Fraxinus americana</i>	RSF KD Sp13/00
Black Ash*	<i>Fraxinus nigra</i>	BCF/ET KD Oc25/06
Red Ash	<i>Fraxinus pennsylvanica</i>	BC/E KD Sp22/06
Blue Ash	<i>Fraxinus quadrangulata</i>	BCF KD J125/00
Onagraceae		
Enchanter's Nightshade	<i>Circaea quadrisulcata</i>	RSF PD J101/00
Willow Herb	<i>Epilobium glandulosum</i>	WM/Rd PD Au24/09

Common Evening Primrose	<i>Oenothera biennis</i>	RL PD J122/00
Orchidaceae		
Hellborine	<i>Epipactis hellborine</i>	RSF PD [P-lists]
Orobanchaceae		
Beech Drops	<i>Epifagus virginiana</i>	RSF/700 JB Sp15/01
Cancer Root	<i>Orobanche uniflora</i>	RL PD [P-lists]
Papaveraceae		
Bloodroot	<i>Sanguinaria canadensis</i>	FCF/blffs PD My06/00
Plantaginaceae		
English Plantain	<i>Plantago lanceolata</i>	LM PD [P-lists]
Common Plantain	<i>Plantago major</i>	LM PD [P-lists]
Platanaceae		
Sycamore	<i>Platanus occidentalis</i>	RSF KD Au19/00

Polimonaceae		
Woodland Phlox	Phlox divaricata	WR PD Myo5/01
Polygalaceae		
Seneca Snakeroot	Polygala senega	RL WEN My17/01
Polygonaceae		
Silver Lace Vine	Polygonum albertii	DT Sp14/02
Common Smartweed	Polygonum hydropiper	PD RL Sp11/04
Nodding Smartweed	Polygonum lapathyfolium	FC JB Sp14/02
Smartweed	Polygonum pensylvanicum	RL JB Sp26/07
Lady's Thumb	Polygonum persicaria	BCbd PD [P-lists]
False Buckwheat	Polygonum scandens	BCT PD [P-lists]
Curled Dock	Rumex crispus	UM/ER PD Sp03/00
Great Water Dock	Rumex orbiculatus	RL JB Sp26/07
Dock	Rumex triangulivalvis	PB/TR JB Je16/07
Great Water Dock	Rumex sp.	VPI PD My08/05
Virginia Knotweed	Tovara virginianum	RSF/N JB Sp15/01
Portulacaceae		
Spring Beauty	Claytonia virginica	FCFPD My06/00
Primulaceae		
Fringed Loosestrife	Lysimachia ciliata	FCF/blf PD J101/01
Moneywort	Lysimachia nummularia	ET WEN My17/01
Pyrolaceae		
Indian Pipe	Monotropa uniflora	HB nm/KD J126/04
Ranunculaceae		
White Baneberry	Actaea pachypoda	FCT/300 PD Au27/01
Goutweed	Aegopodium podagraria	RSF
Canada Anemone	Anemone canadensis	RSF
Wood Anemone	Anemone quinquefolia	FCFPD My06/00
Thimbleweed	Anemone virginiana	BCF
Virgin's Bower	Clematis virginiana	BCF PD Je18/00
Round-lobed Hepatica	Hepatica americana	FCB/GF PD Myo6/00
Small-flowered Crowfoot	Ranunculus abortivus	CP PD My03/09
Tall Buttercup	Ranunculus acris	LM PD [P-lists]
Early Buttercup	Ranunculus fascicularis	RL WEN My17/01
Hairy Buttercup	Ranunculus hispidus	RL PD [P-lists]
Cursed Crowfoot	Ranunculus scleratus	FCF PD My08/05
Early Meadow Rue	Thalictrum dioicum	WR PD My05/01
Tall Meadow Rue	Thalictrum polygamum	RSF PD Je18/00
Hairy Meadow Rue	Thalictrum pubescens	RSF PD [P-lists]
Rhamnaceae		
Common Buckthorn	Rhamnus cathartica	GF/FC KD Sp25/04
Rosaceae		
Tall Agrimony	Agrimonia gryposepala	BCF/LM PD J122/00
Swamp Agrimony	Agrimonia parviflora	HL JB Je16/07
Common Shadbush	Amelanchier arborea	GF/FC KD My/04
Hawthorn	Crataegus punctata	RB JB Sp15/01
Hawthorn	Crataegus compacta	FCF/LM JP Sp20/01
Hawthorn	Crataegus crus-galli	FCF/LM JP Sp20/01
Hawthorn	Crataegus macracantha	RB JP Sp20/01
Hawthorn	Crataegus mollis	FCN JP Sp20/01

Hawthorn	<i>Crategus pringlei</i>	FC PD [P-lists]
Hawthorn	<i>Crategus punctata</i>	BCT PD [P-lists]
Hawthorn	<i>Crategus succulenta</i>	HB JP Sp20/01
Wild Strawberry	<i>Fragaria virginiana</i>	WR PD My05/01
White Avens	<i>Geum canadense</i>	FC/b PDr Je17/01
Rough Avens	<i>Geum laciniatum</i>	BCF PD
Wild Crab	<i>Malus coronaria</i>	BCF/LM PD J122/00
Domestic Apple	<i>Malus pumila</i>	TH JP Sp20/01
Ninebark	<i>Physocarpus opulifolius</i>	RBT KD Je18/00
Silverweed	<i>Potentilla anserina</i>	FC/br PD My24/01
Rough Cinquefoil	<i>Potentilla norvegica</i>	UM/ER PD Sp03/00
Rough-fruited Cinquefoil	<i>Potentilla recta</i>	RL PD [P-lists]
Creeping Cinquefoil	<i>Potentilla repens</i>	RL JB Sp26/07
Common Cinquefoil	<i>Potentilla simplex</i>	LM PD [P-lists]
American Plum	<i>Prunus americanus</i>	HB/W KD My04/03
Goldeneye Lacewing	<i>Chrysopa oculata</i>	LM/ER KD
Black Pine Sawyer Beetle	<i>Monoctonus [galloprovincialis]</i>	Tr/GF pd/KD
Pincherry	<i>Prunus pensylvanica</i>	Nk pd/KD
Black Cherry	<i>Prunus serotina</i>	HB nm/KD Sp13/00
Chokecherry	<i>Prunus virginiana</i>	RL gj/KD Au21/00
Domestic Pear	<i>Pyrus communis</i>	UMF PD [P-lists]
Dog Rose	<i>Rosa canina</i>	ESF JB Sp26/07
Pasture Rose	<i>Rosa carolina</i>	ER/GF KD Au27/07
Multiflora Rose	<i>Rosa multiflora</i>	BCF/tr KD [P-lists]
Common Blackberry	<i>Rubus allegheniensis</i>	BCF KD [P-lists]
Black Raspberry	<i>Rubus occidentalis</i>	BCT PD [P-lists]
Meadowsweet	<i>Spiraea alba</i>	RL PD [P-lists]
Rubiaceae		
Rough Bedstraw	<i>Galium asprellum</i>	WR PD My05/01
Northern Bedstraw	<i>Galium boreale</i>	RB JB Sp15/01
White Bedstraw	<i>Galium mollugo</i>	RL PD
'Hairy Galium'	<i>Galium pilosum</i>	CP PD Je30/08
Fragrant Bedstraw	<i>Galium triflorum</i>	RL PD Je19/05
Buttonbush	<i>Cephalanthus occidentalis</i>	BC/E PD Oc08/00
Rutaceae		
Prickly Ash	<i>Zanthoxylum americanum</i>	HBF PD Oc08/00
Salicaceae		
Eastern Cottonwood	<i>Populus deltoides</i>	RSF/R KD Mr07/02
Large-toothed Aspen	<i>Populus grandidentata</i>	HB/N KD Fb17/02
Quaking Aspen	<i>Populus tremuloides</i>	RBT PD [P-lists]
White Willow	<i>Salix x alba</i>	RSF/R/W PD Oc04/02
Missouri River Willow	<i>Salix eriocephala</i>	RL JB Sp26/07
Sandbar Willow	<i>Salix exigua</i>	SB PD Au09/04
Black Willow	<i>Salix x nigra</i>	BCF KD Fb03/02
Slender Willow*	<i>Salix petiolaris</i>	TR/Rp PD J119/09
Crack Willow	<i>Salix x rubens</i>	BCF JB Sp26/07
Saxifragaceae		
Ditch Stonecrop	<i>Penthorum sedoides</i>	RB JB Sp26/07
Scrophulariaceae		
Turtlehead	<i>Chelone glabra</i>	ET PD Au26/00

Butter-and-eggs	<i>Linaria vulgaris</i>	LM PD
False Pimpernel	<i>Lindernia dubia</i>	RL JB Sp15/01
Monkey Flower	<i>Mimulus ringens</i>	KD/PD FC/Br
Late Figwort	<i>Scrophularia marilandica</i>	RSF JB Sp26/07
Common Mullein	<i>Verbascum thapsus</i>	WM PD Au24/09
American Brookline	<i>Veronica americana</i>	BC PD [P-lists]
Common Speedwell	<i>Veronica officinalis</i>	RBK PD [P-lists]
Purslane	<i>Veronica peregrina</i>	RB JB Sp26/07

Smilacaceae

Bristly Greenbriar	<i>Smilax hispida</i>	BC PD [P-lists]
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Solanaceae

Ground Cherry	<i>Physalis [heterophylla]</i>	RB/W JB Sp15/01
Bittersweet Nightshade	<i>Solanum dulcamara</i>	BCT PD [P-lists]
Black Nightshade	<i>Solanum nigrum</i>	HBF JB Sp15/01
Black Nightshade	<i>Solanum ptycanthum</i>	RL JB Sp26/07

Staphyleaceae

Bladdernut	<i>Staphylea trifolia</i>	BCT KD [P-lists]
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Tiliaceae

American Basswood	<i>Tilia americana</i>	RSF/HB KD Oc16/00
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Ulmaceae

Hackberry	<i>Celtis occidentalis</i>	RSF KD J101/00
White Elm	<i>Ulmus americana</i>	BCF KD Au12/00
Slippery Elm	<i>Ulmus rubra</i>	BCF DC Au13/00

Urticaceae

False Nettle	<i>Boehmeria cylindrica</i>	BCbd
Wood Nettle	<i>Laportea canadensis</i>	BCF/t PDr J122/00
Bog Clearweed	<i>Pilea fontana</i>	BCF JB Sp26/07
Clearweed	<i>Pilea pumila</i>	loc JB? Sp15/01
Stinging Nettle	<i>Urtica dioica</i>	BCF PD Au05/00

Verbenaceae

Blue Vervain	<i>Verbena hastata</i>	RSF/tr/E PD Oc22/00
White Vervain	<i>Verbena sertifolia</i>	MB JB Sp15/01

Violaceae

Common Blue Violet	<i>Viola sororia</i>	WR PD My05/01
Downy Yellow Violet	<i>Viola pubescens</i>	WR PD My05/01
Kidney-leaved Violet	<i>Viola renifolia</i>	WR PD My05/01
Cream Violet	<i>Viola striata</i>	RSF WEN My17/01

Vitaceae

Virginia Creeper	<i>Parthenocissus vitacea</i>	BCF KD Au10/00
Summer Grape	<i>Vitis aestivalis</i>	BCtr PD [P-lists]
Riverbank Grape	<i>Vitus riparia</i>	RSF KD [P-lists]

unplaced:

Common Buckthorn	<i>Rhamnus cathartica</i>	GF KD Sp25/04
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MONOCOTYLEDONAE (114)

Order

Aristolochiaceae

Wild-ginger	<i>Asarum canadense</i>	FC PD [P-list]
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Alismataceae		
Common Arrowhead	<i>Sagittaria latifolia</i>	FC/br PD Au07/02
Common water Plantain	<i>Alisma plantago-aquatica</i>	BC/W PD Au07/02
Gramineae		
Fowl Manna Grass	<i>Glyceria striata</i>	HB PD
Barnyard Grass	<i>Echinochloa cuscagalli</i>	FC/br DT Sp14/02
Grass	<i>Echinochloa c.f. muricata</i>	LOC JB Sp15/01
Old Witch Grass	<i>Panicum capillare</i>	LOC JB Sp15/01
Cyperaceae		
Sedge	<i>Carex albursina</i>	FCF pd/JB Je14/03
Sedge	<i>Carex amphibola</i>	H1 pd/JB Je14/03
Sedge	<i>Carex aparganoides</i>	LOC JB Sp26/07
Sedge	<i>Carex aquatilis</i>	RL
Sedge	<i>Carex aurea</i>	HL JB Je16/07
Carey's Sedge	<i>Carex careyana</i>	HB/FC PD Je08/03
Carex	<i>Carex bebbii</i>	HL JB Je16/07
Sedge	<i>Carex blanda</i>	HB/S JB Je16/07
'Head Sedge'	<i>Carex cephaloidea</i>	LM pd/JB Je14/03
'Convolutated Sedge'	<i>Carex convoluta</i>	H1/BCF pd/JB Je14/03
Sedge	<i>Carex cristatella</i>	LM PD J122/00
Emory's Sedge	<i>Carex emoryi</i>	RB/W JB Sp15/01
Umbrella Sedge	<i>Carex erythrorhizos</i>	LOC JB Sp26/07
Chufa: Umbrella Sedge	<i>Carex esculentus</i>	RL JB Sp26/07
Sedge	<i>Carex granularis</i>	LM PD [P-lists]
Gray's Sedge	<i>Carex grayi</i>	RL PD [P-lists]
'Little Wolf Sedge'	<i>Carex lupulina</i>	BC JB Sp15/01
Sedge	<i>Carex hirtifolia</i>	RSF JB Sp15/01
Sedge	<i>Carex intumescens</i>	RL PD [P-lists]
James' Sedge	<i>Carex jamesii</i>	HB JB Sp26/07
Sedge	<i>Carex lupulina</i>	BCF/BC PD [P-lists]
Sedge	<i>Carex leptalea</i>	2BT JB Je16/07
Sedge	<i>Carex molesta</i>	HL JB Je16/07
'Normal Sedge'	<i>Carex normalis</i>	LM pd/JB Je14/03
Sedge	<i>Carex pensylvanica</i>	RSF JB Sp15/01
Sedge	<i>Carex projecta</i>	RSF JB Sp15/01
Sedge	<i>Carex radiata</i>	HB/S JB Je16/07
Sedge	<i>Carex rosea</i>	RSF/bnch JB Sp15/01
Inflated Sedge	<i>Carex retrorsa</i>	BCF/sw Je17/01
Sedge	<i>Carex spicata</i>	HL JB Je16/07
Sedge	<i>Carex sparganioides</i>	HB JB Sp26/07
'Sponge Grass'	<i>Carex sponganoides</i>	FCF/br PD Je14/03
Sedge	<i>Carex stricta</i>	FC JB Sp14/02
Sedge	<i>Carex woodii</i>	RSF/T JB Sp15/01
Plantain-leafed Sedge	<i>Carex ---</i>	EW/FC PD My25/03
Sedge	<i>Carex vulpinoidea</i>	LM PD J122/00
Umbrella Sedge	<i>Cyperus erythrorhizos</i>	RL JB Sp26/07
Chufa Sedge	<i>Cyperus esculentus</i>	RL JB Sp26/07
Sedge	<i>Cyperus odoratus</i>	LOC JB Sp15/01
Eleocharis	<i>Eleocharis sp.</i>	MB PD J118/01
Spike-rush	<i>Eleocharis erythropoda</i>	RL JB Sp26/07

Chairmasker's Rush	<i>Scirpus americanus</i>	check with PD
Bulrush	<i>Scirpus atrovirens</i>	RSF JB Sp26/07
Rufous bulrush	<i>Scirpus pendulus</i>	ET/LM JB Je16/07
Three-square Bulrush	<i>Scirpus pungens</i>	RL PD [P-lists]
Barberpole Sedge	<i>Scirpus rubrotinctus</i>	ER PD Je21/09
Araceae		
Jack-in-the-Pulpit	<i>Arisaema atrorubens/triphyllum</i>	FCFPD My06/00
Perennial Wormwood	<i>Artemesia biennis</i>	loc? JB Sp15/01
Skunk Cabbage	<i>Symplocarpus foetidus</i>	BC/bed WEN My17/01
Lemnaceae		
Small Duckweed	<i>Lemna minor</i>	BCF KD Oc27/00
Juncaceae		
Dudley's Rush	<i>Juncus dudleyii</i>	TR PD JI01/01
Rush	<i>Juncus effusus</i>	TR PD Je10/01
Path Rush	<i>Juncus tenuis</i>	RSF/600 JB Sp15/01
Liliaceae		
Lily-of-the-valley	<i>Convallaria majalis</i>	LM KD My15/05
Common Trillium	<i>Trillium grandiflorum</i>	RSF PD My05/01
White Trout Lily	<i>Erythronium albidum</i>	FCFblfs KD
Yellow Trout Lily	<i>Erythronium americanum</i>	RSF PD Ap17/01
Nodding Wild Onion	<i>Allium cernuum</i>	RSF WEN My17/01
Wild Leek	<i>Allium tricoccum</i>	RSF PD My04/03
Wild Garlic	<i>Allium canadense</i>	RSF PD [P-lists]
Green Amaranth	<i>Amaranthus hybrida</i>	SB PD Au09/04
Water Hemp	<i>Amaranthus c.f. tuberculatus</i>	RL JB Sp15/01
Canada Lily	<i>Lilium Canadense</i>	FC/S kd/DB Oc16/07
Michigan Lily	<i>Lilium michiganense</i>	RL PD [P-lists]
Canada Mayflower	<i>Maianthemum canadense</i>	RSF PD [P-lists]
False Spikenard	<i>Maianthemum racemosum</i>	RSF PD [P-lists]
Starry False Solomon Seal	<i>Maianthemum stellatum</i>	RL PD My15/09
Smooth Solomon's Seal	<i>Polygonatum pubescens</i>	FCFPD My06/00
Iridaceae		
Stout Blue-eyed grass	<i>Sisyrinchium angustifolium</i>	LM/FCF PD JI05/00
Yellow Flag	<i>Iris pseudocorus</i>	RL PD Je07/01
Wild Blue Flag	<i>Iris versicolor</i>	BCT PD [P-lists]
Smilacaceae		
Bristly Greenbrier	<i>Smilax hispida</i>	BCF/W PD Sp24/00
Sparganiaceae		
Common Bur-reed	<i>Sparganium eurycarpum</i>	BC/W nm/PD Au07/02
Poaceae		
Redtop	<i>Agrostis gigantea</i>	LM PD [P-list]
Creeping Bent	<i>Agrostis stolonifera</i>	RL PD [P-list]
Smooth Brome	<i>Bromus inermis</i>	RL/W JB Sp15/01
Ear-leaved Brome	<i>Bromus latiglumis</i>	RSF JB Sp26/07
Japanese Brome	<i>Bromus japonicus</i>	LOC JB Sp14/01
Orchard Grass	<i>Dactylis glomerata</i>	UM PD [P-lists]
Barnyard Grass	<i>Echinochloa crusgalli</i>	RB JB Sp26/07
Quack Grass	<i>Elymus repens</i>	HL JB Je16/07
River Bank Wild Rye	<i>Elymus riparius</i>	RL DT Sp14/02
Silky Wild-rye	<i>Elymus villosus</i>	RB JB Sp26/07

Virginia Wild-rye	<i>Elymus viginicus</i>	BCT PD [P-lists]
Wild-rye	<i>Elymus wiegandii</i>	RSF JB Sp26/07
Sandbar Love Grass	<i>Eragrostis frankii</i>	RL JB Sp26/07
Creeping Love Grass	<i>Eragrostis hynpnoides</i>	loc? JB Sp15/01
Love Grass	<i>Eragrostis pectinacea</i>	RL JB Sp26/07
Tall Fescue	<i>Festuca arundinacea</i>	LM JB Sp26/07
Meadow Fescue	<i>Festuca pratensis</i>	LM/ER JB Sp16/07
Nodding Fescue	<i>Festuca subverticillata</i>	2BT JB Je16/07
Fowl Manna Grass	<i>Glyceria striata</i>	BCF JB Sp26/07
Bottlebrush Grass	<i>Hystrix patula</i>	WRF PD Oc01/00
Rice Cut Grass	<i>Leersia oryzoides</i>	RL DT Sp14/02
White Grass	<i>Leersia virginica</i>	BCF/ET JB Sp15/01
Witch Grass	<i>Panicm capillare</i>	RB JB Sp26/07
Panic Grass	<i>Panicum dichotomum</i>	RL JB Sp26/07
“Gettinger’s Panic Grass”	<i>Panicum gettingeri</i>	RL JB Sp26/07
Panic Grass	<i>Panicum implicatum</i>	RL JB Sp26/07
Reed Canary Grass	<i>Phalaris arundinacea</i>	BC/BCF PD [P-lists]
Timothy Grass	<i>Phleum pratensis</i>	UM/ER PD Sp03/00
Canada Bluegrass	<i>Poa compressa</i>	RB JB Sp15/01
Kentucky Bluegrass	<i>Poa nemoralis</i>	HB/S JB Je16/07
Bluegrass	<i>Poa trivialis</i>	PB/TR JB Je16/07
Annual Rye	<i>Secale cereale</i>	BCT PD [P-lists]
Green Foxtail	<i>Setaria viridis</i>	RL JB Sp26/07

unplaced:

Muhly (Grass)	<i>Muhlenbergia [mexicana]</i>	RB JB Sp15/01
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SPHENOPHYTA (1)

Equisetaceae

Field Horsetail	<i>Equisetum arvense</i>	RB PD Au09/04
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BRYOPHYTA (12)

BRYOPSIDA

FISSIDENTALES

Fissidentaceae

<i>Fissidens bushii</i>	LOC JB Je16/07
<i>Fissidens taxifolius</i>	LOC JB Je16/07

DICRANALES

Dicranaceae

<i>Dicranum sp.</i>	TRT KD Nv01/04
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HYPNOBRYALES

Leskeaceae

‘Tiny Rope Moss’

Brachytheciaceae

<i>Leskea polycarpa</i>	LOC JB Je16/07
<i>Leskea gracilescens</i>	GF/FC JB Sp24/10
<i>Brachythecium reflexum</i>	LOC JB Je16/07
<i>Brachythecium salibrosum</i>	LOC JB Je16/07

LEUCODONTALES

Anomodontaceae

Anomodon moss Anomodon rostratus WR/W JB Mr25/10

HYPNALES

Hypnaceae

Hypnum moss Hypnum Lindberghii HB/W JB Mr25/10om

UNPLACED:

‘Shiny Matt Moss’ Entodon cladorrhizans BC JB Sp24/10
 ‘Seducer’s Moss’ Entodon seductrix BC JB Sp24/10
 ‘Long-tailed Moss’ Anomodon attenuatus HB/BC JB Sp24/10

MARCHANTIOPHYTA (3)

MARCHANTIOPSIDA

JUNGERMANNIOPSIDA

PORELLALES

Jubulaceae

‘Small Helmet Liverwort’ Frullania emboracensis HB/E JB Sp24/10
 ‘Big Helmet Liverwort’ Frullania oakesiana HB/E JB Sp24/10

RADULALES

Radulaceae

‘Redheaded Liverwort’ Radula complanata BCT JB Sp24/10

PTERIDOPHYTA (4)

Fragile Fern* Cysopteris protrusa HB/E KB Je16/07
 Marginal Wood Fern Dryopteris marginalis EW/TH PD Je05/03
 Intermediate Wood Fern Dryopteris intermedia EW/FC PD Je26/03
 Sensitive Fern Onoclea sensibilis FCFPD My06/00

*rare

EUBACTERIA

Common name	Scientific name	Locale/by/date
Crown Gall of Hickory	[Agrobacterium tumefaciens]	HB Fb17/02 KD
‘Flexirods’	Elongate swmming bacillus	FC KD Au13/04
	Swimming Filamentous Bacterium	BCF KD Nv26/04
Filamentous cocci	filamentous cocci* (1-1.5 mu dia)	VP3 KD Dc27/06

Vibrio	motile vibrio (1-2 mu dia)	VP3 KD Dc27/06
Filamentous bacillus	filam. bac. (1 mu x arb. long)	VP3 KD Dc27/06

CYANOPHYTA

Anabaena	Anabaena sp.	VP4 KD My09/08
Nodularia	Nodularia [spumigena]	BC/ET KD Ap10/02
'Nostoc Lettuce'	Nostoc[Linckia]	HP GT My29/05
Oscillatoria	Oscillatoria angusta	FC/Rp KD Sp16/07
'Dark Oscillatoria'	Oscillatoria nigra	TR KD Oc10/10
Oscillatoria	Oscillatoria [subbrevis]	FC/Br KD Je16/07
'Bent-head Oscillatoria'	Oscillatoria tenuis	TR KD Oc10/10
'Refractive Oscillatoria'	Oscillatoria limnetica	FC/LR KD Oc24/10

PROTISTA*(162)

*organization follows Margulis et al (1990)

Common name	Scientific name	Locale/by/date
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RHIZOPODA

FILORETICULOSEA

Filida

Cyphoderiidae

Cyphoderia	Cyphoderia ampulla	VP KD Ap10/09
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LOBOSEA

Amoebida

Thecamoebidae

Thecamoeba sp.	BC KD Mr29/02
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Striamoebidae

Striate Amoeba	Striamoeba striatus	FC KD Au13/04
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Paramoebidae

Mayorella	Mayorella cultura	THR KD Oc22/00
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Saccamoeba	Saccamoeba sp.	FCR KD Nv02/00
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Arcellidae

'Common Arcella'	Arcella vulgaris	VP4 KD My09/08
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'Crenelated Arcella'	Arcella gibosa	BCF KD Nv29/09
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'Ball Diffugia'	Diffugia globulosa	BC Mr29/02 KD
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'Urn Diffugia'	Diffugia oblonga	BCF KD Nv26/04
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unplaced

'Star Amoeba'	Dactylamoeba stella	VP3 KD Dc27/06
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'Digitate Amoeba'	Vexillifera sp.	FC/LR KD Oc24/10
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GAMOPHYTA

Ulotrichales

Ulotrichaceae		
'Leaf algae'	Binuclearia tatrana	VP KD Ap22/07
Zygnematales		
Zygnemataceae		
'Small Mougeotia'	Mougeotia [robusta]	VP2 KD Ap27/08
	Mougeotia [tumidula]	TS KD Dc11/04
	[Spondylosium pulchrum]	THR KD Oc22/00
	Spirogyra sp. A (1C)	BCS KD Oc27/00
	Spirogyra sp. B (2C)	BC KD Ap10/02
'Giant Spirogyra'	Spirogyra crassa	FC/Br KD Je16/07
'Narrow Spirogyra'	Spirogyra Gravilleana	FC/LR KD Oc24/10
'River Spirogyra'	Spirogyra rivularis	FC/Br KD Je16/07
'Wide-banded Spirogyra'	Spirogyra [tenuissima]	FC/LR KD Oc24/10
Spirogyra	Spirogyra sp. gp. A*	TR KD Sp28/04
Zygnema	Zygnema [pectinatum]	VP4 KD My09/08
	Zygnemopsis sp.	BC/ET KD Ap10/02
*Gp. A [3 chlplsts; 40 mu+; 2 turns, incl. S. stricta, dubia, triplicata, Fuellebornei]		

Desmidiaceae

Closteriaceae

	Closterium leibleinii	FCR KD Nv02/00
	C. lunula	FCR KD Nv02/00
'Linear Closterium'	Closterium moniliferum	FC KD Je03/10
'Non-linear Closterium'	Closterium [parvulum]	FC KD Je03/10
'Common Cosmarium'	Cosmarium botrytis	FC KD Je03/10
	Cosmarium sp. B (wrnk)	THR KD Oc22/00

CRYPTOPHYTA

Cryptomonadales

Cryptophyceae

Chilomonas paramecium	BC KD Mr29/02
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ZOOMASTIGINA

KINETOPLASTEA

Bodonida

Bododinidae

'Jumping Jack'	Bodo saltans (Pleuromonas jaculans)	VP2 KD Ap27/08
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unplaced:

'Petal Flagellate'	[Petalomonas] sp.	FC/LR KD Oc24/10
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EUGLENOPHYTA (classification after Leedale (1967))

Euglenales

Euglena deses	BC KD Mr29/02
Euglena pisciformis	BC KD Ap10/02

	Euglena rostifera	BC KD Mr29/02
	Astasia dangeardi	BC KD Ap10/02
'Pigtail Phacus'	Phacus curvicauda	BCF/VP KD Nv26/04
'Mini-phacus'	Phacus [caudatus]	LR/FC KD Oc24/10
	Trachelomonas sp.	BCS KD Oc27/00

Sphenomonadales

Anisonema [acinus] BC KD Ap10/02

Heteronematales

Peranema trichophorum TR KD Oc10/10
Urceolus cyclostomus FCR KD Nv02/00

ACTINIPODA

'Sun Actinopod'	Actinophrys sol	BCS KD Oc27/00 FCR KD Nv02/00
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DINOFLAGELLEA

Dinoflagellate	Glenodinium cinctum	BC KD Mr29/02
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CHRYSOPHYTA

Tribonematales

Tribonemataceae

Tribonema	Tribonema bombycinum	VP2 KD Ap27/08
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Ochromonadales

Ochramonadaceae

Syncrypta	Syncrypta volvox	FC KD Je06/02
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Dynobryaceae

Dinobryon	Dinobryon sertularia	BC KD Ap10/02
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Synuraceae

Synura	Synura uvella	FCR KD Nv02/00
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MYXOMYCOTA

Echinosteliales

Enteridiaceae

Wolf's Milk Slime	Lycogala epidendrum	BCF KD Sp29/01
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'Silver Cushion'	Lycogala flavofuscum	HB KD My03/06
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'Rose Cushion'	Tubifera ferruginosa	RSF KD Nv11/04
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Physerales

Didymiaceae

'White Fuzz Slime'	Mucilago crustacea	RSF/HB Oc23/01
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Physeraceae

'Lime-cup Slime'	[Craterium minutum]	BCF33/ss KD Sp25/03
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Scrambled Egg Slime	Fuligo septica	LM KD Je16/01
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Trichiales

Trichiaceae

'Pixie Trees'	Arcyria cinerea	RSF KD JI07/00
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“Naked Slime”	<i>Arcyria denudata</i>	FCT pd/GT Je25/09
Stemonitales		
Stemonitaceae		
‘Log Hair’	<i>Stemonitis axifera</i>	RSF nm/KD Je24/03

ACRASIOMYCOTA

DICTYOSTELIA

Family?

Coprophagous Cellular Slime [Dictyostelium] sp.		LM KD Dc31/04
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CILIOPHORA

Note: taxonomy down to the level of order follows Lynn & Small (1990)

KINETOFRAGMINOPHORA

KARYORELICTEA

Protostomatida

 Trachelocercidae

<i>Trachelocerca</i> sp.*		BC KD Mr29/02
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SPIROTRICHEA

Heterotrichida

 Blepharismidae

<i>Blepharisma steni</i>		BCF/VP KD Dc03/04
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 Spirostomidae

‘Slender Spirostomum’	<i>Spirostomum</i> [Ioxodes]	TR KD Nv29/09
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Oligotrichida

 Haleriidae

‘Jumping Jack’	<i>Halteria grandinella</i>	BCF KD Nv29/09
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Stichotrichida

 Urostylidae

[<i>Uroleptus longicaudus</i>]		THR KD Oc22/00
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 Spirofilidae

‘Acuminate Hypotrich’	[<i>Strongylidium</i>] sp.	TR KD Je24/10
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 Oxytrichidae

“Glass Sandals”	<i>Onychodromus grandis</i>	FC KD Oc25/08
Hypotrich	<i>Oxytricha fallax</i>	THR KD Oc22/00
‘Hairy Oxytricha’	<i>Oxytricha setigera</i>	TR KD Sp28/04
‘Small Oxytrich’	<i>Oxytricha ludibunda</i>	FC/LR KD Oc24/10
Hypotrich	<i>Stylonychia mytilus</i>	THR KD Oc22/00

unplaced:

‘Smooth Aspidisca’	<i>Aspidisca</i> [lynceus]	FC/LR KD Oc24/10
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Choreotrichida

 Strobiliidae

<i>Strobilidium gyrans</i>		BC KD Mr29/02
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PROSTOMATEA

Prorodontida		
Colepidae		
	Coleps sp.	THR KD Oc22/00
Prorodontidae		
‘Peanut Ciliate’	Prorodon teres	FC KD Je02/05
LITOSTOMATEA		
Haptorida		
Tracheliidae		
‘Gooseneck Dileptus’	Dileptus anser	BC/ET KD Ap10/02
‘Finger Ciliate’	Trachellus ovum	FC KD Oc25/08
Lacrymariidae		
Swan Tears	Lacrymaria olor	VP3 KD Dc27/06
Pleurostomatida		
Litonotidae		
	Litonotus fasciola	BCF KD Dc03/04
	Litonotus [lamella]	BC KD Ap10/02
‘Ribbon Amphilept’	Litonotus [armillatus]	BCF KD Nv29/09
PHYLLOPHARYNGEA		
Suctoria (sClass)		
Suctorian	Podophrya fixa	LR/FC KD Oc24/10
Chlamyodontida		
Chilodonellidae		
	Chilodonella cucullulus	FC KD Nv02/00
	Chilodonella sp. A (small)	TR KD Oc22/0
NASSOPHOREA		
Nassulida		
Nassulidae		
	Nassula aurea	FCR KD Nv02/00
Peniculida		
Frontoniidae		
	Frontonia leucas	THR KD Oc22/00
Lembadionidae		
	Lembadion bullinum	THR KD Oc22/00
Paramecidae		
‘Sharp-tailed Paramecium’	Paramecium caudatum	TR KD Nv29/09
‘Giant Paramecium’	Paramecium multimicronucleatum	TR KD Nv29/09
‘Anglehead’	Paramecium trichium	TR KD Nv29/09
Euplotida		
Aspidiscidae		
‘Ridged Aspidisca’	Aspidisca costata	FC/LR KD Nv01/10
Hypotrich	Aspidisca lynceus	THR KD Oc22/00
Euplotidae		
Hypotrich	Euplotes patella	THR KD Oc22/00
OLIGOHYMENOPHOREA		

Hymenostomatida		
Glaucomidae		
Glaucoma	Glaucoma scintillans	FC KD Au13/04
Turaniellidae		
‘Long-bodied Colpid’	Colpidium [campylum]	TR KD Nv29/09
Tetrahymenidae		
‘Pear-shaped Tetra’	Tetrahymena pyriformis	TR KD Nv29/09
Urocentridae		
‘Spinner’	Urocentrum turbo	VP3 KD Dc27/06
Cycliidae		
	Cyclidium sp.	BC KD Oc22/00
Sessilida		
Vorticellidae		
	Vorticella campanula	THR KD Oc22/00
‘Yellow Vorticella’	Vorticella convallaria	TR KD Sp28/04
‘Small-mouthed Vorticella’	Vorticella microstoma	TR KD Nv29/09
Stentoridae		
Stentor	Stentor sp. A (sm/clrls)	THR KD Oc22/00
‘Red Stentor’	Stentor igneus	VP# KD Dc21/06
Stentor	Stentor polymorphus	VP2 KD Ap27/08
‘Blue Stentor’	Stentor Coeruleus	VP2 KD Ap27/08
Mobilida		
COLPODEA		
Colpodida		
Colpodidae		
‘Bigmouth Colpoda’	Colpoda cucullus	FC/LR KD Nv14/10
	Tillina [canalifera]	LM KD Nv29/09

* Normally a marine genus, this appears to be a freshwater representative.

unplaced:

‘Giant Loxodes’	Loxodes magnus	FC/LR KD Oc24/10
‘Noneck Spathidium’	Spathidium sp.	FC/LR KD Oc24/10

BACILLARIOPHYTA

Centrales		
	Melosira granulata	VP2 KD Ap27/08
	Melosira varians	THR KD Oc22/00
Pennales		
	Amphora sp. A (20mu)	BCS KD Oc27/00
‘Oval Amphora’	Amphora ovalis	FC/LR KD Je03/10
‘Saddle Diatom’	Campylodiscus hibernica	FC/LR KD Nv01/10
‘Capitate Caloneis’	Caloneis amphisbaena	BCE/VP KD Nv26/04
‘Filament Rider’	Cocconeis pediculus	FC/LF KD Oc24/10
	Cymatopleura solea	FCR KD Nv02/00
‘Straight-sided Cymbella’	Cymbella affinis	FC/LR KD Nv14/10

'Bellied Cymbella'	Cymbella [cuspidata]	FC/LR KD Nv14/10	
	Cymbella tumida	FCR KD Nv02/00	
'Indian Necklace'	Diatoma elongatum	TR KD Oc22/00	
	D. vulgare	FCR KD Nv02/00	
	Fragillaria brevistriata	BC KD Mr29/02	
	Fragillaria [capucina]	FC/LR KD Oc24/10	
	'Dwarf Gomphonema'	Gomphonema abbreviatum	FC/LR KD Nv14/10
	'Coffin Diatom'	Gomphonema constrictum	FC/LR KD Oc24/10
	Gomphonema olivaceum	TR KD Oc22/00	
	Gyrosigma Kutzingii	TR KD Oc22/00	
	G. scalproides	TR KD Oc22/00	
	Hantzschia amphioxys	BC KD Mr29/02	
'Small-headed Navicula'	Meridion circulare	BC KD Mr29/02	
	Navicula bacillum	BC KD Mr31/02	
	Navicula canalis	TR KD Oc22/00	
	Navicula cryptocephala	LR/FC KD Oc24/10	
	Navicula cuspidata	BCF KD Nv26/04	
	Navicula inflexa	BC KD Mr29/02	
	Navicula iterrupta	BC KD Mr29/02	
	Navicula viridis	BC KD Mr29/02	
	Nitzschia acicularis	FCR KD Nv02/00	
	N. filiformes	TR KD Oc22/00	
'Northern Pinnularia'	N. sigmoidea	FCR KD Nv02/00	
	Pinnularia [borealis]	BCF/VP KD Nv26/04	
	Pleurosigma delicatatum	FC/bot KD Oc23/05	
'Rock Horn'	Rhoicosphenia curvata	FCR KD Nv02/00	
	Stauroneis phoenicentron	BCF/VP KD Dc03/04	
	Synedra [tabellata]	TR KD Oc22/00	
Tabellate diatom	Synedra sp. A (long)	TR KD Oc22/00	
	Tabellaria sp.	VP2 KD Ap27/08	

CHLOROPHYTA

Chlorococcales

Chlorococcaceae

'Beach Buttons'	Bracteacoccus sp.	TR KD Oc22/00
	Bulbochaete sp.	BC KD Mr29/02
	Characium [debaryanum]	BC KD Mr29/02
	Chlorococcum aquaticum	BC/ET KD Ap10/02
	Chlorococcum humicola	MB KD J120/09
'Treegreen'	Cladophora glomerata	FCR KD Nv02/00
	Desmococcus viridis	RSF KD Oc20/09
'Boxed Ulothrix'	Entransia sp.	VP2 KD Ap27/08
	Oedogonium sp.	BC KD Mr29/002
	Palmodictyon varium	BC/ET KD Ap10/02
	Scenedesmus quadricauda	TR KD Oc22/00
	Ulothrix cylindricum	TR KD Oc22/00
'Zoned Ulothrix'	Ulothrix [tenuissima]	FC/LR KD Nv01/10
	Ulothrix [zonata] sp.	FC/LR KD Oc24/10

Hydrodictyaceae		
Pediastrum	Pediastrum duplex	VP4 KD
Chlamydomonadaceae		
'Red Paint Alga'	Haematococcus lacustris	TS KD Dc11/04

ANIMALIA (849)

Common name	Scientific name	Locale/by/date
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NEMATOMORPHA [1]

'Pale Gordian Worm'*	Cl. Gordioidea	LM pd/KD Je19/06
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PLATYHELMINTHES [3]

TURBELLARIA

Rhabdocoela

Dalyelliidae

'Green Flatworm'	Dalyellia [viridis]	VP3 KD Ap24./08
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Tricladida

Planariidae

'Brown Flatworm'	Hymanella retenuova	VP3 KD Ap27/08
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Kalyptorhynchia

'Stylet Flatworm'	Gyratrix hermaphroditus	VP4 KD My09/08
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GASTROTRICHA [1]

Chaetonotus sp.	BC/ET KD Ap10/02
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ROTIFERA [15]

Rotifer	Cephalodella gibba	FC KD Je06/02
Rotifer	Cephalodella sp. A (lngspr)	FC KD Nv02/00
Rotifer	Colurella sp.	BCF/VP KD Nv26/04
'Spiny Rotifer'	Dissotrocha sp.	BCF/VP KD Dc05/04
'Cat Rotifer'	Ecentrum felis	FC/LR KD Nv01/10
Rotifer	Euchlanis sp.	FC KD Je06/02
Rotifer	Lepadella patella	BC KD Ap10/02
Rotifer	Macrochaetus subquadratus	FC/LR KD Nv01/10
Rotifer	Monostyla sp.	BCS KD Oc27/00
Rotifer	Philodena sp.	BCS KD Oc27/00
Rotifer	Trichocera sp. A (jntd ft)	TR KD Oc22/00
'Armored Rotifer'	Trichotria tetratrix	FC/LR KD Oc24/10
Rotifer	Trichocera [weberi]	BC KD Ap10/02
Bdelloid rotifer	Philodena sp.	FC KD Oc24/10
'Four-spined Brachionus'	Brachionus quadridentata	TR KD Sp28/04

MOLLUSCA [38]

Pelecypoda

Corbiculidae

Fingernail Clam	Musculium securis	BCF/VP RB Je23/04
Fingernail Clam	Pisidium sp.	BCF/VP RB Je23/04
Fingernail Clam	Sphaerium sp.	BCF/VP RB Je23/04

Unionidae

Mucket	Actinonais carinata (S3)	TR/CI pd/KD Je25/01
Ridged Wedge-mussel	Alasmidonta marginata (S3)	TR/CI ac/KD Je25/01
Three-ridge	Amblema plicata (S4)	TR/CI KD Je25/01
Common Floater	Anodonta grandis grandis	TR/BCF KD Ja11/07
Purple Wartyback	Cyclonaias tuberculata	TR/CI PD Au31/08
Spike Clam	Elliptio dilatata (S5)	TR/RL KD Au26/00
Pig Toe	Fusconaia flava (S2-3)	FC KD Au20/00
Pocket Book	Lampsilis ventricosa (S4)	TR/C pd/KDI Je25/01
White Heel-splitter	Lasmigona complanata (S4)	TR/CI ac/KD Je25/00
Brook Lasmigona	Lasmigona compressa (S5)	TR+FC KD Nv12/00
Fluted Shell	Lasmigona costata (S5)	TR/CI ac/KD Je25/01
Fragile Papershell	Leptodea fragilis (S4)	TR KD Au12/00
Black Sand Shell	Ligumia recta	TR/BB KD Au12/01
Threehorn Wartyback	Obliquaria reflexa	TR/CI PD Au31/08
Round Hickorynut	Obovaria subrotunda (S1)	TR/CI ac/KD Au26/00
Pink Heel-splitter	Proptera alata (S-)	TR/CI ac/KD Je25/01
Maple Leaf	Quadrula quadrula (S3)	TR/CI ac/KD Je25/01
Warty-back	Quadrula pustulosa (S3)	TR/RL pd/KD My08/01
Deer Toe	Truncilla truncata (S3)	TR/RL pd/KD Je25/

Gastropoda

Succineidae

Amber Snail	Oxyloma [retusa] (S-)	RSF KD Sp19/01
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Arionidae

Slug	Arion sp.	RSF KD JI07/00
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Endodontidae

Eastern Forest Snail	Anguispira alternata (S5)	RSF KD JI01/00
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Polygyridae

Whitelip Globe	Mesodon thyroidus (S5)	RSF KD
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Slitmouth Snail	Stenotrema leai (S-)	RSF KD JI01/00
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Northern Three-tooth	Triodopsis tridentata	RSF KD JI01/00
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'Golden Polygyrid'	[Triodopsis] sp. (see below)	BCF KD JI07/00
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Helicidae

European Striped Snail	Cepaea nemoralis (SE)	RSF KD JI01/00
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Lymnaidae

Mammoth Lymnaea	Bulimnea megasoma (S3)	FC KD JI05/00
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Common Stagnicola	Stagnicola elodes	BCF/KD/My08/04
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Physidae

Physa Snail	Physa sp.	BCF/VP RB Je23/04
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Pleuroceridae

Flat-sided Horn Snail	<i>Pleurocera acuta</i> (S2?)	TR/CI gj/KD J108/01
Great Lakes Horn Snail	<i>Goniobasis livescens</i> (S-)	TR/CI gj/KD J108/01
Planorbidae		
Two-ridged Ramshorn	<i>Helisoma anceps</i>	FC KD Au26/08
Discidae		
'Archimedes Snail'	<i>Discus</i> [patulus]	BCT KD J118/10

unidentified species descriptions

'Golden Polygyrid' [Triodopsis] sp.

My best guess for this specimen was *Triodopsis multilineata*, but it had only one spiral band and this followed only half the body-whorl. According to Goodrich, specimens have been found in Michigan with no spiral bands at all, so it seemed reasonable to assume that intermediate specimens might exist. But this specimen had, in addition, several transverse, weakly-developed dark bands somewhat reminiscent of *Anguispira alternata*. This specimen did not belong to the latter species, however: it had a reflected lip and was narrowly umbilicate. Diameter of shell was 22 mm, somewhat depressed, light horn colour, with dark brown, interrupted bands on upper and lower surfaces of body whorl and (partially) the penultimate whorl. Inner whorls decorated with gold flecking. This was a living specimen, so it was returned to its habitat.

NEMATODA [3]

Annulated nematode	<i>Circonema</i> sp.	LM PJ Ap13/09
Predatory nematode	<i>Helicitylenchu</i> sp.	LM PJ Ap13/09
Predatory nematode	<i>Monochus</i> sp.	LM PJ Ap13/09

ANNELIDA [5]

Dew Worm	<i>Lumbricus terrestris</i>	RSF KD J119/00
Green Worm	<i>Allolobophora chlorotica</i>	RSF KD J119/00
Enchytraeid worm	(see micro-survey)	FCR KD Nv02/00
Woodland Blue Worm	<i>Octolasion cyaneum</i>	LM/BCF KD Ap22/02
Aphanoneura		
Aeolosomatidae		
Aelosoma Worm	<i>Aeolosoma</i> sp.	FC/rap KD Oc23/05

ARTHROPODA [566]

DIPLOPODA

'Black and Yellow Milliped'	<i>Apheloria virginiensis</i>	EW Sp18/01 nm/KD
Parajulid Milliped*	Parajulidae sp.	Tr Kd Sp17/06

CHILOPODA

'Brown Centipede'	<i>Lithobius farficatus</i>	HB nm/KD Ap10/02
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CRUSTACEA

Dercapoda

Chimney Crayfish	<i>Fallicambarus fodiens</i>	BCF KD Oc08/00
Calico Crayfish	<i>Orconectes immunis</i>	TS nm/KD Sp05/02
Northern Clearwater Crfsh	<i>Orconectes propinquus</i>	FC/LR KD Au20/08

Copepoda		
Harpacticoid copepod	Bryocamptus sp.	BCS KD Oc27/00
Candoniid copepod		BCS KD Oc27/00
'Common Pond Cyclops'	Eucyclops sp.	VPB KD My20/10
Branchiopoda		
Fairy Shrimp	Thamnocephalus sp.	BC KD Ap10/02
Cladocera	Ord. Cladocera	BCF/VP KD Nv26/04
Fairy Shrimp	Eubrachippus vernalis	BCF/BC KD Mr22/05
Isopoda		
'Three-lined Sowbug'	[Trachelipus rathkii]2	BC/ET ec/KD Au29/10

ARACHNIDA

Order

Linyphiidae		
Small Line Weaver	Microneta sp.	RL nz/KD Au11/05
Hammock Spider	Pityohyphantes costatus	BC/ET ec/KD Au29/10
Araneidae		
Garden Spider	Araneus diadematus	FCT100 KD Sp09/01
'Small Orb Weaver'	Araneus [miniatus]	GF KD JI02/05
Marbled Orb Weaver	Araneus marmoreus	ET nm/KD Sp09/01
Shamrock Spider	Araneus trifolium	Loc SC Au01 (?)
Black-and-Yellow Argiope	Argiope argentata	
Spined Micrathena	Micrathena gracilis	FCT 1400 KD Au30/03
Arrow-shaped Micrathena	Micrathena sagittata	FCT 10 KD JI31/05
Hentz's Orb Weaver	Neoscona crucifera	Tr pd/Kd Au24/09
Spotted Orb Weaver	Neoscona domicillorum	GF pd/KD Sp17/05
Tetragnathidae		
Orchard Spider	Lauage venusta	RB KD Au12/08
'Striped Orb Weaver'*	Tetragnatha [straminea]	FC pd/KD
Long-jawed Orb Weaver	Tetragnatha versicolor	RL nz/KD Au11/05
Agelenidae		
Grass Spider	Agelenopsis pennsylvanica	RL nz/KD Au21/05
Lycosidae		
Wolf Spider	Lycosa helluo	LM KD Au13/04
Carolina Wolf Spider**	Hogna carolinensis	HP hh/TM Sp06/03
'Checkered Wolf Spider'	Pardosa [milvina]	Nk KD Au26/10
Clubionidae		
Ant-mimic Spider	[Castianeira] sp.	Tr KD Ap20/08
Small Grass Spider	Trachelas tranquillias	RL nz/KD Au21/05
Tiny Clubionid	Trachelas [deceptus]	RL nz/KD Au21/05
Thomisidae		
Goldenrod Crab Spider	Misumena vatia	LM hp/KD JI29/06
Whitebanded Crab spider	Misumenoides formosipes	GF/LM KD Au12/10
Salticidae		
Tan Jumping Spider	Metacyrba undata	Tr KD Sp10/09
'Pale Jumping Spider'	Metaphidippus [flavipedes]	BC/ET ec/KD Au29/10
Audacious Jumping Spider	Phidippus audax	LM/tr KD Je07/01
Corinnidae		

** first Canadian record: confirmed at Toronto Zoo

Acarina		
Isodidae		
Wood Tick	<i>Dermacentor variabilis</i>	ET/BCF KD Je15/02
Eriophidae		
Basswood Leaf Gall Mite	<i>Eriophyes tiliae</i>	GF KD Sp02/06
Red Spindle Gall Mite	<i>Vasates aceriscrumena</i>	GF pd/KD My23/10
Maple Bladder Gall Mite	<i>Vasates quadripedes</i>	RZ KD My23/10
Parasitidae		
'Nicrophorus Mite'	<i>Poecilochirus carabi</i>	LM KD Sp11/04
Trombidiidae		
Red Velvet Mite	<i>Trombidium</i> sp.	TR NT My29/05
Family		
Adult Water Mite	Order Hydracarina	FC/LR KD Nv01/10
Pseudoscorpionida		
Pseudoscorpion	fam. Chernetidae	RL nz/KD Au31/05
Phalangida		
Phalangiidae		
Harvestman	<i>Phalangium opilio</i>	RL nz/KD Au11/05
INSECTA (517)		
Archaeognatha		
Machilidae		
Bristetail	[<i>Machilis</i>] sp.	Loc SC Je16/07
Collembola		
Springtail	<i>Lepidocyrtus paradoxus</i>	RL nz/KD Au31/05
Ephemeroptera		
Ephemerellidae		
'Red Spiny Crawler'	<i>Eurylophella</i> sp.	GF KD Je30/10
Odonata		
Aeshnidae		
Green Darner	<i>Anax junius</i>	BCF KD Oc27/00
Fawn Darner	<i>Boyeria vinosa</i>	RL SC Sp15/01
Swamp Darner	<i>Epiaeschna heros</i>	Loc SC Je16/07
Gomphidae		
Midland Clubtail	<i>Gomphus fraternus</i>	RL JS Je16/07
Dusky Clubtail	<i>Gomphus spicatus</i>	LM PD Je06/04
Libellulidae		
Widow Skimmer	<i>Libellula luctosa</i>	LM PR J113/02
Common Whitetail	<i>Plathemis lydia</i>	FC/br KD Je25
Blue Dasher	<i>Pachydiplax longipennis</i>	LM KD J118/03
White-faced Meadowhawk	<i>Sympetrum obtrusum</i>	LM KD Au20/03
Ruby Meadowhawk	<i>Sympetrum rubicundulum</i>	LM PD J122/00
Eastern Amberwing	<i>Perithemus tenera</i>	LM KD Au20/03
Calopterygidae		

Ebony Jewelwing	<i>Calopteryx maculata</i>	FC PD My25/00
River Jewelwing	<i>Calopteryx aequabilis</i>	FC/Br KD Au12/06
American Rubyspot	<i>Hetaerina americana</i>	PD CI Au15/05
Smoky Rubyspot	<i>Hetaerina titia</i>	TR MO Sp26/07
Coenagrionidae		
Blue-fronted Dancer	<i>Argia apicallis</i>	RL PD Au15/05
Variable Dancer	<i>Argia fumipennis</i>	LM PD Je30/07
Rainbow Bluet	<i>Enallagma antennatum</i>	LM nz/KD J118/05
Tule Bluet	<i>Enallagma carunculatum</i>	NF SM J130/09
Alkali Bluet	<i>Enallagma [clausum]</i>	NF SM J130/10
	<i>Enallagma [vespersum]</i>	NF SM J130/09
Lestidae		
Spotted Spreadwing	<i>Lestes congener</i>	LM nz/KD J118/05
Emerald Spreadwing	<i>Lestes dryas</i>	RL JS Je16/07
Slender Spreadwing	<i>Lestes rectangularis</i>	TR JS Je16/07
Lyre-tipped Spreadwing	<i>Lestes unguiculatus</i>	Tr KD Au12/06
Mantodea		
Mantidae		
Praying Mantis	<i>Mantis religiosus</i>	LM KD Au29/00
Orthoptera		
Tetrigidae		
Grouse Locust	<i>Paratettix cuculatus</i>	RL SC Sp15/01
Acrididae		
Two-striped Grasshopper	<i>Melanoplus bivittatus</i>	Tr KD Au17/10
Differential Grasshopper	<i>Melanoplus differentialis</i>	TS KD Au30/03
Red-legged Grasshopper	<i>Melanoplus femur-rubrum</i>	LM KD Au20/03
American Bird Grasshopper	<i>Schistocerca americana</i>	Tr KD Sp01/03
Seaside Grasshopper	<i>Trimerotropis maritima</i>	RSF?TR KD Oc12/06
Tettigoniidae		
Broad-winged Katydid	<i>Amblycorypha oblongifolia</i>	BCF KD Sp08/01
Fork-tailed Bush Katydid	<i>Scudderia furcata</i>	RL KD J129/01
Katydid	<i>Pterophylla camellifolia</i>	Tr nm/KD Au30/03
Meadow Katydid	<i>Orchelimum vulgare</i>	GF/LM KD Sp22/06
Gryllidae		
Striped Ground Cricket	<i>Allonemobius fasciatus</i>	RL nz/KD Au21/05
Fall Field Cricket	<i>Gryllus pennsylvanicus</i>	Tr KD Sp16/04
Two-spotted Tree Cricket	<i>Neoxabea bipunctata</i>	NF SM J130/09
Snowy Tree Cricket	<i>Oecanthus fultoni</i>	
Black-horned Tree Cricket	<i>Oecanthus nigricornis</i>	LM KD Au22/04
Tridactylidae		
Pygmy Mole Cricket	[<i>Ellipes minutus</i>]	RB NZ My29/05
Phasmatodea		
Phasmidae		
Northern Walkingstick	<i>Diapheromera femorata</i>	TH nm/KD Sp18/01
Plecoptera		
Isoperlidae		

Green-winged Stonefly Capniidae	Isoperla sp.	RL nz/KD Au11/05
Small Winter Stonefly unplaced	Allocaenia [pygmaea]	LM KD Ja14/01
Summer Stonefly	Classinea subulosa	MB SM J130/09
Note stonefly (?)larva	Order Plecoptera	FC/LR KD Nv01/10
Dermaptera		
Forficulidae		
Spine-tailed Earwig	Doru aculeatum	LM nz/KD J131/05
European Earwig	Forficula auricularis	LM/BCF KD Au?/03
Hemiptera		
Belostomatidae		
American Toe-biter	Lethocerus americanus	HP nh/KD Ap/01
Gerridae		
Water Strider	Gerris sp.	FC/br KD Sp15/01
Lygaeidae		
Large Milkweed Bug	Oncopeltus fasciatus	UM/Rd KD Sp05/10
Miridae		
'Electric Plant Bug'	Cylapus tenuicornis	NF SM J130/09
'Transparent Mirid'	Hyaliodes vitripennis	LM nz/KD J118/05
'Small Black Mirid'	[Halticus] Sp.	RL nz/KD J118/05
Tarnished Plant Bug	Lygus lineolaris	LM KD J126/04
Tarnished Plant Bug	Lygus lineolaris var. strigulatus	LM nz/KD J118/05
Meadow Plant Bug	Miris dolobratus	LM pd/KD Je15/04
'Black Angel Bug'	Neoborus pubescens	LM nz/KD J118/05
Four-lined Plant Bug	Poecilopsus lineata	Loc SC Je16/07
'Black and Brown Plant Bug'	Miridae Sp. A	RL nz/KD J118/05
'Small Brown Mirid'	Miridae Sp. B	RL nx/KD J118/05
Enicocephalidae		
Gnat Bug	Systemolobus sp.	RL nz/KD J131/05
Phymatidae		
Euphorbia Bug	Charlesterus antennator	LM KD J121/05
Pennsylvania Ambush Bug	Phymata pennsylvanica	LM KD J128/04
Nabidae		
Common Damsel Bug	Nabis americanoferus	RL nz/KD Au11/05
Coreidae		
Leaf-footed Bug	Acanthocephala terminatus	HBF nm/KD Oc27/00
'Brown-tailed Coreid'	Acanthocephala terminalis	GF/FC KD Au22/10
Reduviidae		
'Gold Assassin Bug'	Zelus luridus	GF KD Au26/10
Rhopalidae		
Eastern Boxelder Bug	Leptocoris trivittatus	Tr KD Oc05/03
Pentatomidae		
Green Stink Bug	Acrosternum hilare	LM/tr KD J118/01
'Red-tailed Stink Bug'	Apateticus bracteata	NF SM J130/09
'Orange-legged Stink Bug'	Apateticus cynicus	HB/bnch SC Oc18/03
Dimidiata Stink Bug	Banasa dimidiata	HP KD J112/01
Twice-stabbed Stink Bug	Cosmopepla bimaculata	FCN SC Sp15/01

Red-crossed Stink Bug	<i>Elasmostethus cruciatus</i>	LM nz/KD J118/05
Brown Stink Bug	<i>Eustichus variolaris</i>	LM nz/KD J118/05
Two-spotted Stink Bug	<i>Perillus bioculatus</i>	Tr kd/PD Sp20/08

Miridae Species descriptions

Miridae Sp. A: 7mm; head reddish with two dark long. stripes on dorsum; head & scutellum orange/brown with two black spots in ant. half of pronotum, rest black except for reddish mottling near edges of forewing; legs banded brown & yellow, antennae indistinctly banded, first seg finely spinulose.

Miridae Sp. B: 5mm; black head, pronotum, scutellum, rest very dark brown with a weakly tarnished appearance. Brown legs with dark mottling.

Homoptera

Cicadidae		
Dog Day Cicada	<i>Tibicen canicularis</i>	Tr KD Au30/09
Membracidae		
Buffalo Treehopper	<i>Ceresa alta</i>	FC/N KD J108/10
'Emerald Tree Hopper'	<i>Ceresa basalis</i>	NF SM J130/09
'Two-spotted Treehopper'	<i>Echenopa binotata</i>	LM nz/KD J118/05
Buffalo Treehopper	<i>Stictocephala bubalus</i>	RL KD J128/04
'Spined Membracid'	[<i>Telomena</i>] sp.	LM KD Sp10/09
Cercopidae		
European Alder Spittlebug	<i>Aphrophora alni</i>	LM nz/KD J118/05
Alder Spittlebug	<i>Clastoptera obtusa</i>	LM nz/KD J118/05
'Diamond-back Spittlebug'	<i>Lepryonia quadrangularis</i>	LM nz/KD J118/05
Cicadellidae		
Four-spotted Clover Hopper	<i>Agallia quadripunctata</i>	LM nz/KD J118/05
Silver Leafhopper	<i>Athysanus argentarius</i>	LM nz/KD J118/05
Grape Leafhopper	<i>Eurythronera tricincta</i>	LM nz/KD J118/06
Saddled Leafhopper	<i>Coladonus clitellarius</i>	LM nz/KD J118/05
Red-banded Leafhopper	<i>Graphocephala coccinea</i>	Tr PD Au30/04
'Two-lined Leafhopper'	<i>Idiodonus [kennecottii]</i>	LM nz/KD J118/05
'Pinstripe Leafhopper'	<i>Limotettix nigrax</i>	LM nz/KD J118/05
'Reticulate Leafhopper'	<i>Paraphlepsius</i> sp.	LM nz/KD J118/05
'Ghost Hopper'	<i>Scaphodeus</i> sp.	LM nz/KD J118/05
'Strawhopper'	[<i>Empoasca</i>] sp.	LM nz/KD J118/05
'Yellow-throated Hopper'	Fam. Cicadellidae Sp. A	LM nz/KD J118/05
'Silver Minihopper'	Fam. Cicadellidae Sp. B	LM nz/KD J118/07
Flatidae		
'White Plant Hopper'	<i>Anormenis chloris</i> *	BCG/ET PD Au29/06
New World Planthopper	<i>Anormenis septentrionalis</i>	BCF ec/KD Oc23/04
Derbidae		
'White-spotted Derbid'	<i>Otiocerus degeeri</i>	GF/FC Au26/10
Cixiidae		
'Black Cixiid'	Fam. Cixiidae Sp. A	LM nz/KD J118/05
Psyllidae		
Jumping Plant Louse	<i>Psylla</i> sp.	FC/N KD J110/03
Ageldidae		
Grape Phylloxera	<i>Daktulosphaira vitifoliae</i>	LM KD J120/08

Aphididae
 Brown Ambrosia Aphid Uroleucon ambrosiae NF SM J130/09

*syn. Ormenoides venusta (NF SM J130/09)

Homoptera Species Descriptions:

Cicadellidae Sp. A: 3-4mm body black, head pointed, yellow ventrally; wings lightly speckled.

Cicadellidae Sp. B: 'Silver Minihopper' 4.5 mm; ground colour pale yellow, elytra with 6 convergent narrow brown stripes (one double); scutellum with three vague triangular marks; eyes pale, with two black "false eyes" inside these medially and a black dot on front of beak.

Cixiidae Sp A: (body 2mm, wings +1mm) body entirely black, with broad frontal carina, eyes reddish, wings smoky brown, with 6 longitudinal veins at mid-wing, incl. costae. legs brownish.

Neuroptera

Corydalidae		
Summer Fishfly	Chauliodes pectinicornis	BCF/E SC Je16/07
Hemerobiidae		
Spotted Brown Lacewing	Hemerobius stigma	HP nh/KD J110/02
Mantispidae		
Brown Mantidfly	Climaciella brunnea	LM pd/KD Au13/04
Chrysopidae		
Goldeneye Lacewing	Chrysopa oculata	LM/ER KD

Coleoptera

Heteroceridae		
'Variegated Mud Beetle'	[Neoheterocerus] sp.	NF SM J130/09
Cicindelidae		
Common Shore Tiger Beetle	Cicindela repanda	MB CD Sp12/10
Six-spotted Tiger Beetle	Cicindela sexguttata	Tr MC Ap17/02
Carabidae		
Ground Beetle	Calasoma sp.,	FCF/FC KD My29/02
European Ground Beetle	Carabus nemoralis	FCF/FC KD Au02/02
Dingy Ground Beetle	Harpalus pennsylvanicus	LM/BCF KD Au/03
Woodland Ground Beetle	Pterostichus sp.	LM/BCF KD Au/03
Shore Beetle	Chlaenius [sericeus].	TR/B NZ My29/05
Small Ground Beetle	[Bembidion]* sp.	SB KD Au09/04
'Yellow-legged Carabid'	Patrobus [longicornis]	BC/ET ec/KD Au29/10
Dysticidae		
Dysticid beetle	fam. Dysticidae	BCF KD My08/04
Gyrinidae		
Whirligig	Gyrinus sp.	FC/b SCr Sp15/01
Leiodidae		
small black fungus beetle	Agathidium sp.	NF SM J130/09
Silphidae		
Gold-necked Burying Beetle	Necrophorus tomentosus	Tr KD Sp11/04
American Carrion Beetle	Silpha americana	FCN KD My20/01
Staphylinidae		
'Dappled Rove Beetle'	[Ontholestes cingulatus]	RL nz/KD Au21/05

Blue-winged Rove Beetle	<i>Philonthus cyanipennis</i>	RL nz/KD Au21/05
'Large Rove Beetle'	<i>Staphylinus</i> sp.	LM KD Au20/03
'Hairy Rove Beetle'	<i>Staphylinus maxillosus</i>	LM KD Au20/03
'Handgrip Rove Beetle'	<i>Stenus</i> sp.	NF SM J130/09
'Yellow-bellied Rove Beetle'	<i>Tryptherus frison</i>	NF SM J130/09
Histeridae		
Short Hister Beetle	<i>Hister abbreviatus</i>	LM KD Au20/03
Scarabaeidae		
Round-necked Burying Beetle	<i>Nicrophorus orbicollis</i>	GF/FC PD J118/03
Russian Leather Beetle	<i>Osmoderma eremicola</i>	GF/FC pd/KD Au09/04
Grapevine Beetle	<i>Pelidnota punctata</i>	KD Tr J129/06
June Beetle	<i>Phyllophaga</i> sp.	RL PD Fb20/01
Hairy Flower Beetle	<i>Trichiotinus piger</i>	GF/ER KD J105/09
Dung Beetle	Fam Scarabeidae	GF KD Au13/04
Elateridae		
Eastern eyed Click Beetle	<i>Alaus oculatus</i>	HB/bnc KD Je24/03
black click beetle	<i>Aeolus</i> sp.	LM nz/KD J118/05
'Two-toned Click Beetle'	<i>Ampedus</i> sp.	NF SM J130/09
Buprestidae		
Flat-headed Hardwood Borer	<i>Dicerca divaricata</i>	GF/Tr KD Sp11/08
Lampyridae		
'Two-striped Firefly'	<i>Photinus [pyralis]</i>	NF SM J130/09
Pennsylvania Firefly	<i>Photurus pennsylvanicus</i>	LM KD Je14/04
'Small Firefly'	<i>Lucidota</i> sp.	LM nz/KDJ118/05
Cantharidae		
Margined Soldier Beetle	<i>Chauliognathus [marginatus]</i>	RL nz/KD Au21/05
Pennsylvania Leatherwing	<i>Chauliognathus pennsylvanicus</i>	LM KD Au20/03
'Three-ridged Soldier'	<i>Podabrus tricostata</i>	NF SM J130/09
Bostrichidae		
	<i>Bostrichus bicornis</i>	Tr SC Au13/02
Heteroceridae		
Mud-loving Beetle	<i>Heterocerus</i> sp.	MB SM J130/09
Nitidulidae		
Bindweed Sap Beetle	<i>Conotelus obscurus</i>	LM JS Je16/07
Picnic Beetle	<i>Glischrochilus quadrisignatus</i>	RL KD J128/04
Cucujidae		
Red Flat Bark Beetle	<i>Cucujus clavipes</i>	Tr/log KD Ap17/04
Coccinellidae		
Two-spotted Lady Beetle	<i>Adalia bipunctata</i>	LM KD Au20/03
Seven-spotted Lady Beetle	<i>Coccinella septempunctata</i>	Tr KD Au08
Asian Lady Beetle	<i>Harmonia axyridis</i>	Tr pd/KD Au23/06
Common Lady Beetle	<i>Hippodamia convergens</i>	LM SM J130/09
'Four-spotted Ladybeetle'	<i>Hippodamia glacialis</i>	LM KD Au15/09
Tenebrionidae		
'Black Wood Beetle'	<i>Alobates pennsylvanica</i>	Loc SC Je16/07
Forked Fungus Beetle	<i>Bolitotherus cornutus</i>	RL SC Au13/02
	<i>Cymbiodyta</i> sp.	RL SC Au13/02
'Small-headed Darkling'	Tenebrionidae Species A	RL nz/KD Au21/05
Melandryidae		
	<i>Dircaea quadrimaculata</i>	RL SC Au13/02

'Black False Darkling'	[<i>Melandrya striata</i>]	RL nz/KD Au21/05
'Brown-sided Deacon'	<i>Amblyctis praeses</i> *	RB SM J130/09
Meloidae		
Black Blister Beetle	<i>Epicauta pennsylvanica</i>	LM KD Au20/03
Margined Blister Beetle	<i>Epicauta pestifera</i>	LM KD Au24/6
'Red-collared Oil Beetle'	<i>Nemognatha nemorensis</i>	RZ KD J115/09
Mordellidae		
'Blue-lined Tumbler'	[<i>Mordella marginata</i> 0]	NF SM J130/09
Rhipiphoridae		
wedge-shaped Beetle	<i>Rhipiphorus</i> sp.	RL NZ Sp05/05
Cerambycidae		
Ant-mimic Beetle	<i>Euderces picipes</i>	LM KD J118/10
White-spotted Sawyer	<i>Monochamus scutellatus</i>	Tr/GF pd/KD Je10/10
'French Longhorn'	<i>Clytus ruricola</i>	NF SM J130/09
Longhorn Beetle	sFam. Cerambycinae poss <i>Xylotochus</i>	Tr KD Au09/04
Longhorn Beetle	sFam. Lepturinae	LM pd/KD Au13/04
Red Milkweed Beetle	<i>Tetraopes tetrophthalmus</i>	RL pd?KD J128/04
'Yellow-banded Longhorn'	<i>Typocerus veluti</i>	NF SM J130/09
Curculionidae		
'Green Immigrant Weevil'	<i>Polydrusus sericeus</i>	GF KD My24/10
Chrysomelidae		
Swamp Milkweed Leaf Beetle	<i>Labidomera clivicollis</i>	LM/HF sc/KD Sp24/00
Dogbane Beetle	<i>Chrysochus auratus</i>	RB nm/KD J131/01
Spotted Cucumber Beetle	<i>Diabrotica undecimpunctata</i>	pd?KD Tr Au15/05
Golden Tortoise Beetle	<i>Metriona bicolor</i>	GF pd/KD Je15/04
Bruchidae		
'Grey Bruchid'	<i>Bruchidae</i> sp. A	RL nz/KD Au21/05
Scolytidae		
Hickory Twig Borer	<i>Scolytus</i> sp.	Tr KD My20/03
Hickory Bark Beetle	<i>Scolytus quadrispinosus</i>	Tr kdAC Je03/04
*spec. 3.5 mm, straw yellow elytra w. 3 black cross-bands unplaced		
loosestrife control beetle	<i>Galerucela</i> sp.	MB SM J130/09

*extremely rare: see letter from Darren Pollock to Steve Marshall

species descriptions for Coleoptera

Tenebrionidae sp. A: 7-8 mm; all black, head small (0.5mm wide), rows of punctae on elytra; pronotum stipple-punctate, thorax & abdomen same width at joint.

Bruchidae sp. A: 6-7 mm; black ventrally, brown dorsally, covered with fine, appressed hairs; antennae serate, gradually and slightly clubbed; coxae 3 shiny & black standing out from greyish colour of hairs; two dark maculae on rear of elytra; thorax widest at the middle. (convex)

Trichoptera

Limniphilidae

Northern Caddisfly	fam. Limnephilidae	HP nh/KD Au27/01
Case-making Caddisfly	<i>Hesperophylax</i> sp.	BCF kd/SC Ap12/04

Lepidoptera		
Papilionidae		
Black Swallowtail	<i>Papilio polyxenes</i>	M AW JI05/00
Giant Swallowtail	<i>Papilio cresphontes</i>	BCF PD Au20/00
E. Tiger Swallowtail	<i>Papilio glaucus</i>	FCF AW JI05/00
Pieridae		
Little Yellow	<i>Eurema lisa</i>	RL MA JI03/10
Mustard White	<i>Pieris oleracea</i>	LM JI18/05 nz/KD
Cabbage White	<i>Pieris rapae</i>	M AW JI05/00
Clouded Sulphur	<i>Colias philodice</i>	LM PD JI22/00
Orange Sulphur	<i>Colias eurytheme</i>	LM PD Au13/01
Lycaenidae		
Bronze Copper	<i>lycaena hyllis</i>	RL PD Au05/00
Banded Hairstreak	<i>Satyrium calanus</i>	OH GP JI06/03
Hickory Hairstreak	<i>Satyrium caryaevorum</i>	GF BP JI06/03
Coral hairstreak	<i>Satyrium titus</i>	LM/ER PD Je30/07
Eastern Tailed Blue	<i>Everes comyntas</i>	RL AW JI05/00
Spring Azure	<i>Celestrina ladon</i>	LM PD My06/00
Summer Azure	<i>Celastrina neglecta</i>	ET PD JI18/01
Libytheidae		
American Snout Butterfly	<i>Libytheana carinenta</i>	RL PD JI28/04
Nymphalidae		
Hackberry Emperor	<i>Asterocampa celtis</i>	ET jn/GP JI02/05
Tawny Emperor	<i>Asterocampa clyton</i>	LM PD JI02/05
Aphrodite Fritillary	<i>Speyeria aphrodite</i>	RL nz/KD Sp05/05
Great Spangled Fritillary	<i>Speyeria cybele</i>	LM PD JI01/01
Meadow Fritillary	<i>Boloria bellona</i>	LM PD JI22/00
Silvery Checkerspot	<i>Chlosyne nycteis</i>	RL PD JI01/00
Baltimore Checkerspot	<i>Euphydryas phaeton</i>	LM MP JI06/03
Milbert's Tortoiseshell	<i>Nymphalis milberti</i>	ER/Cps KD Au15/09
Pearl Crescent	<i>Phyciodes tharos</i>	RL AW JI05/00
Northern Crescent	<i>Phyciodes selenis</i>	ET SC Sp24/00
Question-mark	<i>Polygonia interrigationes</i>	ET DW Sp09/00
Eastern Comma	<i>Polygonia comma</i>	LM/ET PD My31/01
Gray Comma	<i>Polygonia progne</i>	ET BK JI05/09
Mourning Cloak	<i>Nymphalis antiopa</i>	FC/blf Ap14/01
American Lady (32)	<i>Vanessa virginiensis</i>	LM/FCF PD My13/01
Red Admiral	<i>Vanessa atalanta</i>	FCFPD My06/00
Common Buckeye	<i>Junonia coenia</i>	LM DW Sp15/01
Red-spotted Purple	<i>Limenitis arthemis</i>	RL PD Au05/00
Viceroy	<i>Limenitis archippus</i>	LM PD Au30/02
Northern Pearly-eye	<i>Enodia anthedon</i>	FCF AW JI05/00
Satyridae		
Eyed Brown	<i>Satyrodes eurydice</i>	ET PD Au05/00
Little Wood Satyr	<i>Megisto cymela</i>	FCF PD JI01/01
Common Ringlet	<i>Coenonympha tullia</i>	LM PD Je30/01
Inornate Ringlet	<i>Coenonympha tulia inornata</i>	LM/HBF
Common Wood-Nymph	<i>Cercyonis pegala</i>	BCF PD JI01/01
Danaiidae		
Monarch	<i>Danaus plexippus</i>	RL PD Au05/00

Hesperiidae		
Silver-spotted Skipper	<i>Epargyreus clarus</i>	ET PD J118/01
Duskywing species	<i>Erynnis</i> sp	RL
Dun Skipper	<i>Euphyes vestris</i>	RL pd/GP J102/05
Fiery Skipper	<i>Hylephila phyleus</i>	UM DM/LW Sp11/10
Peck's Skipper	<i>Polites peckius</i>	HL/N PD
Little Glassy Wing	<i>Pompeius vema</i>	LM J118/05 nx/KD
Northern Cloudy-wing	<i>Thorybes pylades</i>	RL AW J105/00
European Skipper	<i>Thymelicus lineola</i>	LM PD Je17/01
Northern Broken Dash	<i>Wallengrenia egeremet</i>	MB/W BK J105/09
Sphingidae		
Nessa Sphinx Moth	<i>Amphion nessa</i>	PD Tr J110/06
Elm Shinx Moth	<i>Ceratomia amyntor</i>	BCF nm/KD J125/00
Waved Sphinx Moth	<i>Ceratomia undulosa</i>	Br KD/PD J101/06
Lettered Sphinx Moth	<i>Daedamia inscripta</i>	RSF KD Sp17/06
Virginia Creeper Sphynx Moth	<i>Darapsa myron</i>	HBF/LM PD J118/03
Pandora Sphinx Moth	<i>Eumorphia pandorus</i>	BCF bc/KD Sp17/08
Hummingbird Moth	<i>Hemaris thysbe</i>	RL PD Au05/00
Small-eyed Sphinx	<i>Paonias myops</i>	BCF/E sc/KD Je16/07
One-eyed Sphinx	<i>Smerinthus cerisyi</i>	BCF wc/KD Je10/09
Hermit Sphynx Moth	<i>Sphynx eremitus</i>	LM J118/05 nz/KD
Saturniidae		
Luna Moth	<i>Actias luna</i>	Tr KD J102/05
Polyphemus Moth	<i>Antheraea Polyphemus</i>	KD RSF J110/06
Io Moth	<i>Automeris io</i>	ET KD Je17/01
Promethea Moth	<i>Callosamia promethea</i>	LM nm/JD Au24/02
Cecropia Moth	<i>Hyalophora cecropia</i>	TR PD J102/05
Lasiocampidae		
Eastern Tent Caterpillar Moth	<i>Malacosoma americanum</i>	
Arctiidae		
Tiger Moth	<i>Apantesis</i> sp.	UM/ER KD Je10/01
Yellow-collared Scape Moth	<i>Cisseps fulvicollis</i>	GF/FC KD Au17/10
Virginia Ctenucha	<i>Ctenucha virginica</i>	LM PD Je22/02
Dogbane Tiger Moth	<i>Cycnia tenera</i>	RL nz/KD J131/05
Salt Marsh Moth	<i>Estigmene acrea</i>	UM KD Oc29/01
Milkweed Tussock Moth	<i>Euchaetes egle</i>	RBIf PD Au24/06
Virgin Tiger Moth	<i>Grammia isabella</i>	ET SC Sp24/00
Banded Tussock Moth	<i>Halysidota tessallaris</i>	BCF SC Sp24/00
Lichen Moth	<i>Hypoprepia fucosa</i>	Loc SC Au13/02
Hickory Tussock Moth	<i>Lophocampa caryae</i>	Tr PD Sp21/05
White-marked Tussock Moth	<i>Orgyia leucostigma</i>	KD Tr Au30/04
Isabella Tiger Moth	<i>Pyrrharctia isabella</i>	TH SC Sp15/01
Large Ruby Tiger Moth	<i>Phragmatobia assimilans</i>	LM nz/KD J131/05
Virginian Tiger Moth	<i>Spilosoma virginica</i>	RL pd/KD My15/09
Noctuidae		
Pantheinae		
Black Zigzag	[<i>Panthea acronyctoides</i>]	RL nz/KD Au21/05
Acronictinae		
American Dagger Moth	<i>Acronicta americana</i>	RSF/E KD Au23/03
Connected Dagger Moth	<i>Acronicta connecta</i>	LM nz/KD J131/05

Harris's Three-spot Noctuinae	Harrisimemna tristigmata	RL J131/05 nz/KD
Finland Dart	Actebia fennica	RL nz/KD Au11/05
Venerable Dart	Agrotis venerabilis	LM nz/KD J131/05
Pale-banded Dart	Euxoa badinodis	RL nz/KD Au11/05
Rubbed Dart	Euxoa detersa	LM nz/KD J131/05
Divergent Dart	Euxoa divergens	LM J131/05 nz/KD
Reaper Dart	Euxoa [messaria]	RL nz/KD Au11/05
Polished Dart	Euxoa perpolita	LM J118/05 nz/KD
Fillet Dart	Euxoa redimicula	HP nh/KD Sp15/05
Dingy Cutworm Moth	Feltia jaculifera	LM SC Au13/02
'European Underwing'	Noctua pronuba	CP KD Je21/09
Brown-collared Dart Hadeninae	Protolampra bunneicollis	LM J131/05 nz/KD
Achatia Moth	Achatia [distincta]	Loc SC Au13/02
Olive Arches	Lacinipolia olivacea	RL nz/KD J131/05
Bridled Arches	[Lacinipolia lorea]	RL nz/KD Au21/05
Small Brown Quaker	Pseudorthodes vecors	RL nz/KD Au11/05
Signate Quaker Cuculliinae	Tricholita signata	KD Tr J124/06
Asteroid Moth	Cucullia asteroides	NK KD Sp24/05
Brown-hooded Owlet Amphipyrenae	Cucullia convexipennis	LM J131/05 nz/KD
Ignorant Apamea	Apamea indocilis	LM nz/KD J131/05
Three-lined Balsa	Balsa [tristigella]	LM nz/KD J131/05
The Gold Moth	Basilodes pepita	Loc SC Au13/02
Verbena Moth	Crambodes taliformis	RL nz/KD Au21/05
Gray Half-spot	Nedra ramosula	LM J118/05 nz/KD
Black-banded Brocade	Oligia [modica]	RL nz/KD Au21/05
Dusky Groundling	Platysenta vecors	RL nz/KD J131/05
Common Groundling	Platysenta videns	LM J131/05 nz/KD
Armyworm Moth Agaristinae	Spodoptera dolichos	Tr KD Au14/06
Eight-spotted Forester	Alypia octomaculata	KD Tr J121/06
Heliiothinae		
Acontiinae		
Nolinae		
Sarrothripinae		
Euteliinae		
Plusiinae		
Common Looper	Autographa precatonis	LM nz/KD J131/05
Gray Looper Moth Catocalinae	Rachiplusia ou	LM nz/KD J131/05
Short-lined Chocolate Moth	Argyrostroma anilis	BCF/E sc/KD Je16/07
Vetch Looper Moth	Caenurgina chloropha	LM nz/KD J131/06
Forage Cabbage Looper	Caenurgina erechtea	LM/HBF KD
The Penitent Moth	Catocala piatrix	Loc SC Au13/02
Praeclara Underwing	Catocala praeclara	Loc SC Au13/02
Catocaline Moth	Catocala [fratercula]	Loc SC Au13/02
Maple Zale	Zale galbanata	LM nz/KD J131/05

'Moon Moth'	<i>Zale lunata</i>	Loc SC Au13/02
Hypeninae		
Baltimore Bomolocha	<i>Bomolocha baltimoralis</i>	RL nz/KD Au21/05
Hypenodinae		
Rivulinae		
Bent-line Tan	<i>Oxycilla malaca</i>	RL nz/KD Au21/05
Hermiinae (placed in new family? Erebiidae)		
Dark Renia	<i>Renia sobrialis</i>	RL nz/KD Sp25/05
Thyatiridae		
Lettered Habrosyne*	<i>Habrosyne scripta</i>	RL nz/KD Au11/05
Geometridae		
Common Gray	<i>Anavitrinella pampinaria</i>	Tr pd/KD Au11/07
The Infant	<i>Archiearis infans</i>	LM nz/KD JI31/05
Pepper-and-salt Geometer	<i>Biston botularia cognataria</i>	LM KD
Cross-lined Wave	<i>Calocythanis amaturlaria</i>	RL nz/KD Sp24/05
The Beggar	<i>Eubaphe mendica</i>	Nk KD JI05/08
Snowy Geometer	<i>Eugonobapta nivosaria</i>	Nk KD JI05/08
Chickweed Geometer	<i>Haematopsis grataria</i>	HP nh/KD Au27/05
Lesser Maple Spanworm	<i>Itame pustularia</i>	Nk KD JI05/08
Barred Itame	<i>Itame subcessaria</i>	Tr pd/KD JI02/05
Common Lytrosis	<i>Lytrosis unitaria</i>	BCF/E sc/KD Je16/07
Horned Spanworm	<i>Nematocampa resistaria</i>	Loc SC Je16/07
Large Maple Spanworm	<i>Prochoerodes transversata</i>	RL nz/KD Sp25/05
Soft-lined Wave	<i>Scopula inductata</i>	Tr pd/KD Au09/09
Crocus Geometer	<i>Xanthoypete sospeta</i>	ET/VP KD Je29/09
False Crocus Geometer	<i>Xanthoypete urticaria</i>	Loc SC Au13/02
Choreutidae		
Diana's Choreutis Moth	<i>Choreutis diana</i>	RSF wc/KD JI11/10
Ctenuchidae		
Virginia Ctenuchid Moth	<i>Ctenucha virginica</i>	GF KD Je15/04
Lymantriidae		
Gypsy Moth	<i>Lymantria dispar</i>	BCF SC Sp24//00
Tortricidae		
'Roadmap Moth'	<i>Choristoneura rosaceae</i>	NF SM JI30/09
Locust Borer	[<i>Megacyllene robiniae</i>]	BCF/ET KD Sp16/00
Coleophoridae		
Case-bearing Moth	fam. Coleophoridae	LM KD JI13/02
Notodontidae		
Walnut Caterpillar	<i>Datana integerrima</i>	LM KD Au23/06
Chestnut Schizura	[<i>Schizura badia</i>]	RL nz/KD JI31/05
Pyrilidae		
8-spotted Goldenrod Moth	<i>Anania funebrii glomeralis</i>	LM JI31/05 nz/KD
Grape Leafroller Moth	<i>Desmia funeralis</i>	Tr pd/KD Sp20/08
Grape Leafholder Moth	<i>Desmia maculalis</i>	HP nz/KD Au27/05
Clover Nomophila	<i>Nomophila nearctica</i>	LM/Rd KD Sp05/10
Sod Webworm Moth	[<i>Pediasa trisecta</i>]	LM nz/KD JI31/05

*uncommon

Mecoptera

Bittacidae

Bristled Hangingfly Meropeidae	Bittacus strigosus	NF SM J130/09
Earwigfly* Panorpidae	Merope tuber	RL Au31/05 nz/KD
Scorpionfly *rare	Panorpa claripennis	Loc SC Je16/07
Psocoptera		
Lepidopsocoptera		
‘Spear-winged Barklouse’*	fam. Lepidopsocoptera	RL nz/KD J131/05
Pspocidae		
Tree Cattle	Cerastipsocus venosus	RL Au31/05 nz/KD
Polypsocidae		
Corrupt Bark Louse	Polypsocus corruptus	RL nz/KD J131/05
Myopsocidae		
‘Fringed Bark Louse’	Lichenomina sp.	RL Au31/05 nz/KD

Species descriptions for Psocoptera

*Spear-winged Barklouse: length 3.5-4.0 mm, fore wings uniformly smoky and sharply pointed at apex, both wings symmetrically lanceolate, head & thorax dark, light grey abdomen with dark tip, legs banded, tarsi 3-segmented..

Diptera

Tipulidae		
‘Two-banded Crane Fly’	Limonia cinctipes	RL nz/KD Sp25/05
Crane Fly	Tipula [duplex]	RL nz/KD J131/05
‘Dagger Crane Fly’	Tipula caloptera	NF SM J130/09
‘Three-striped Crane Fly’	Nephrotoma pedunculata	RL nz/KD J131/05
‘Yellow Crane Fly’	[Tipula monticola]	RL nz/KD J131/05
Culicidae		
Chironomidae		
Midge	Chironomus sp.	FC AK Nv02/00
Keroplastidae		
Fungus Gnat	Keroplastus sp.	NF SM J130/09
Cecidomyiidae		
‘Apical Gall Midge’	Asphondylia sp.	SB KD Au22/10
Grape Petiole Gall Gnat	[Neolasioptera vitinea]	KD LM Au28/06
Willow Cone Gall Gnat	Rhabdophaga strobiloides	SB KD J105/06
Goldenrod Gall Gnat	Rhopalomyia solidaginis	LM KD Au09/06
Xylophagidae		
Xylophagidae	Coenomyia sp.	nz/DB RL/BCF J118/05
Tabanidae		
Green-headed Horse Fly	Hybomytra lasioptalma	Tr KD J106/03
Striped Horse Fly	Tabanus lineolus	LM nz/KD J118/05
Striped Deer Fly	Chrysops vittatus	HP nh/KD Au13/01
Deer Fly	Chrysops frigidus	LM nz/KD J118/05
Horse Fly	Stonemyia rasa	LM nz/KD J118/05
Therevidae		
‘Red-bellied Stiletto Fly’	Cyclotelus rufiventris	RL nz/KD 16/06/05

'Bald Stiletto Fly'	[Thereva sp.]	LM nz/KD J118/05
Stiletto Fly	Therevidae sp. A*	RL nz/KD J131/05
Asilidae		
Robber Fly	[Efferia] sp.	Tr KD Au13/04
'Black Robber Fly'	sFam. Laphriinae - Sp A*	RL nz/KD J131/05
Robber Fly	Laphria divisor	Tr KD Je19/06
Robber Fly	Laphria index	GF KD Je12/08
Robber Fly	Laphria [virginica]	NF SM J130/09
'Beardless Robber Fly'	Leptogaster [cylindrica]	NF SM J130/09
'Erimine Robber Fly'	[Machimus] sp.	RL nz/KD J131/05
robber fly	Neoitamus [flavofemoratus]	NF SM J130/09
Robber Fly	[Promarchus] sp.	LM KD J118/03
'Small Black Robber Fly'	sFam. Laphrystiinae	RL nz/KD J118/05
Bombyliidae		
Large Bee Fly	Bombylius sp.	Tr KD My08/04
'Raccoon Bee Fly'	Bombylius major	RZ KD Au30/09
'Black Bee Fly'	Anthrax tigrinus	Tr KD Sp01/04
Empididae		
'Feather-legged Dance Fly'	Rhamphomyia [longicauda]	RL/BCF nz/DB J105/06
'Three-striped Dance Fly'	Rhamphomyia sp.	LM nz/KD J131/05
Dolichopodidae		
Condylostylid Fly	Condylostylus sp.	nz/DB RL/BCF J118/05
	Neurigona sp.	nz/DB RL/BCF J118/05
Pipunculidae		
Big-headed Fly	Fm. Pipunculidae	LM nz/KD J118/05
Canopidae		
Thick-headed Fly	Zodion sp	NF SM J130/09
Syrphidae		
Yellowjacket Hover Fly	Milesia virginiensis	RSF SM J130/09
American Hover Fly	Metasyrphus americanus	KD LM Au30/04
Blue-winged Flower Fly	Chalcosyrphus chalybeus	loc SM J130/09
'Small Syrphid'	fam. Syrphidae	LM KD Au20/03
(ID pending)		
Syrphinae		
'White-banded Hoverfly'	Chrysotoxum pubescens	RL nz/AY J131/05
	Dasysyrphus[albostratus]	NF SM J130/09
	Eupeodes latifasciatus	LM nz/AY J118/05
	Eupeodes pomus	RL nz/AY Au11/05
	Melanostoma mellium	RL nz/AY Au21/05
	Ocyptamus fascipennis	LM nz/AY J131/05
	Ocyptamus fuscipennis	LM nz/AY J131/05
	Platycheirus immarginatus	LM nz/AY J118/05
	Syrphus knabi	RL nz/AY J131/09
	Syrphus rectus	RL nz/AY J131/05
	Syrphus ribesii	RL nz/AY J131/05
	Toxomerus geminatus	LM nz/AY J118/05
	Toxomerus marginatus	LM nz/Ay J118/05
	Xanthogramma flavipes	RL nz/AY Au11/05
Eristalinae		
	Chalcosyrphus nemorum	LM nz/AY J131/05

	<i>Eristalis transversa</i>	RL nz/AY J131/05
	<i>Helophilus fasciatus</i>	RL nz/AY Sp05/05
	<i>Pterallastes thoracicus</i>	RL nz/AY Au11/05
	<i>Rhingia nasica</i>	RL nz/AY Au11/05
	<i>Sphegina campanulata</i>	RL nz/AY J118/05
	<i>Xylota quadrimaculata</i>	RL nz/AY Au21/05
	<i>Xylota subfasciata</i>	RL nz/AY Au11/05
Micropezidae		
'Antenna Fly'	<i>Rainieria antennaepes</i>	FC/LR SM J130/09
Diopsidae		
Stalk-eyed Fly**	<i>Sphyracephala brevicornis</i>	FC SM J130/09
Otitidae		
Picture-winged Fly	Fm. Otitidae	RL KD J128/04
'Three-banded Otitid'	<i>Tritoxa incurva</i>	NF SM J130/09
Tephritidae		
Goldenrod Gall Fly	<i>Eurosta solidaginis</i>	LM KD My21/06
'Dappled Fruit Fly'	<i>Eutreta novaboracencis</i>	NF SM J130/09
Sunflower Maggot (Fly)	<i>Strauzia longipennis</i>	RL KD Sp13/09
Dryomyzidae		
'Pale Orange Dryomyzid'	<i>Dryomyza [flaveola]</i>	NF SM J130/09
Sciomyzidae		
Marsh Fly	<i>Tetanocera plebeja</i>	Loc. SC Au13/02
Chloropidae		
'Red-eyed Frit Fly'	<i>Cetema [cereris]</i>	NF SM J130/09
Anthomyiidae/Sacatophagidae		
Yellow Dung Fly	<i>Scatophaga [stercoraria]</i>	NF SM J130/09
Muscidae		
'Jade House Fly'	<i>Eudasyphora cyanicolor</i>	NF SM J130/09
Tachinidae		
beelike Tachinid fly*	<i>Bombyliopsis abrupta</i>	HL pd/KD J120/09
'White-headed Fly'	<i>Epalpus sp.*</i>	RB KD J115/09
'Yellow-banded Tachinid'	<i>Belvosia sp.</i>	LM SC/kd
Calliphoridae		
Greenbottle Fly	<i>Phaenicia sp.</i>	LM KD Au30/04
'Big-headed Blow Fy'	<i>Chrysomya [megacephala]</i>	LM nz/KD J118/05
Sarcophagidae		
Friendly Fly	<i>Sarcophaga [aldrichi]</i>	LM nz/KD J118/05
Red-tailed Flesh Fly	<i>Sarcophaga haemorrhoidalis</i>	LM KD Au30/04
Hymenoptera		
Tenthredinidae		
Common Sawfly*	fam. Tenthredinidae	Tr pdKD Je15/04
*black abd. & legs, orange dorsum on th.		
Cimbicidae		
'Army Sawfly'	[<i>Nematus</i>] sp.	FC SM J130/09
Siricidae		
Pigeon Horntail	<i>Tremex Columba</i>	HB/bnch KD Au14/03
Braconidae		
Braconid Wasp	[<i>Rogas sp.</i>]	RL nz/KD J131/05
'Red-legged Braconid'	[<i>Dusona</i>] sp.	Tr pd/KD Sp27/09

'Small Black Braconid'	fam. Braconidae	RL nz/KD J131/05
Ichneumonidae		
'Long-tailed Ichneumon'	Megarhyssa sp.	RSF/HB SM J130/09
Short-tailed Ichneumon	Ophion sp.	Tr KD Au30/03
'Black-and-red-banded Ichneumon'	Therion sp.	LM/Rd KD J131/10
Cynipidae		
Hedgehog Gall Wasp	Acraspis erinacei	GF KD Au26/10
Oak Apple Gall Wasp [Amphibolips] sp.		HB KD Sp17/08
Small Pea Gall Wasp	Cynipis divisa	GH/LM KD Sp11/08
Bedeguar Gall Wasp	Diplolepis rosae	LM/HBF PD Ap27/05
Gasteruptiidae		
Gasteruptiid Wasp	Gasteruption sp.	GF KD Je15/04
Chrysididae		
Cuckoo Wasp	Chrysis [coerulans]	Tr pd/KD J118/03
Tiphiidae		
'Black Flower Wasp'	s.fam. Tiphiinae	RL nz/KD J131/05
Formicidae		
Black Carpenter Ant	Camponotus pennsylvanicus	GF/FC KD Je15/04
Allegheny Mound Ant	Formica exsecta gp*.	LM KD Au17/10
Black Mound Ant	Formica fusca	LM KD My30/06
Winged Ant (male)	Formica [argentea]	LM nz/KD J131/05
Pompilidae		
'Red-banded Spider Wasp'	Anoplius semirufus	RL nz/KD J131/05
'Black Spider Wasp'	[Anoplius] sp. (not sr)	RL nz/KD J131/05
Vespidae		
Potter Wasp	Eumenes fraternus	LM/HF KD Ap18/02
European Paper Wasp	Polistes dominulus	GF/FC KD Au17
Northern Paper Wasp	Polistes fuscatus	LM nm/KD Ap22/01
Bald-faced Hornet	Dolichovespula maculata	LM nz/KD J131/05
Aerial Yellowjacket	Dolichovespula arenaria	LM/tr KD Je30/03
Eastern Yellowjacket	Vespula maculifrons	RL nz/KD J131/05
Common Yellowjacket	Vespula vulgaris	RL nz/KD J118/05
Large Vespid Wasp	Fm. Vespidae	HB KD J129/04
Sphecidae		
Black-and-Yellow Mud Dauber	Sceliphron caementarium	
Blue Mud Wasp	Chlorion californicae	Tr pd/KD J128/04
'Yellow-striped Digger'	Cerceris sp.	LM/GF KD Au12/10
Mason Wasp	[Euodynerus foraminatus]	RL nz/KD J118/05
Square-headed Wasp	Ectemnius sp.	LM nz/KD J131/05
Thread-wasted Wasp	sFam. Sphecinae	LM KD Au20/03
Small Sphecid Wasp	sFam. Crabroninae	RL KD J128/04
'Black Nyssonid Wasp'	Tr. Nyssonini	RL nz/KD J118/05
Aphid Wasp	Tr. Pemphredonini	RL KD J128/04
Sand-wasp	[Liris sp.] Larrinae	LM nz/KD J131/06
'Caterpillar Wasp'	Ammophila procera	Tr KD Sp11/08
Andrenidae		
Mining Bee	[Andrena] sp.	LM/GF KD J126/04
Andrenid Bee	[Andrena] sp.] Andreninae	LM nz/KD J118/05
Halictidae		
Splendid Sweat Bee	Agapostemon splendens	LM nz/KD J131/05

Apidae

Digger Bee	[Anthophora sp.]	LM nz/KD J118/05
Honey Bee	Apis mellifera	LM PD Sp03/00
Black Honey Bee	Apis mellifera mellifera	LM nz/KD J116/05
'Pollenbag Leafcutter'	Megachile [frigida]	LM KD Au J125/10
'Banded Leaf-cutter'	Megachile sp. A	BCF KD Sp24/00
'Black Leaf-cutter'	Megachile sp. B	RL nz/KD J118/05
Bumblebee	Bombus impatiens	LM RG Sp06/01
Bumblebee	Bombus vagans	LM RG Sp06/01
Bumblebee	Bombus perplexus	RSF Sp06/01
Bumblebee	Bombus grisecollis	UM RG Sp06/01
Golden Northern Bumblebee	Bombus fervidus	UM RG Sp06/01
Yellow-faced Bee	Hylaeus sp.	RBIf KD Sp17/10
Parasitic Bumblebee	Psithyrus citrinus	LM RG Sp06/01
'Large Carpenter Bee'	Xylocopa sp.	Tr EC Sp26/04

CHORDATA [207]

OSTEICHTHYES (superclass PISCES)

Lepisosteiformes

Lepisosteidae

Longnose Gar	Lepisosteus osseus	TR/FC DJ Je06/02
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Salmoniformes

Salmonidae

Rainbow Trout	Oncorhynchus mykiss	TR CC (My13/01)
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Esociformes

Esocidae

Northern Pike	Esox lucius	FC DJ Ap02/10
Pickeral	Stizistedion vitreum	TR CC (My13/01)

Cypriniformes

Cyprinidae

Brassy Minnow	Hybognathus hankinsoni	FC KD Au07/08
Hornyhead Chub	Nocomis biguttatus	FC dj/KD Sp20/03
Emerald Shiner	Notropis atherinoides	FC/br KD Sp20/03
Bluntnose Minnow	Pimephales notatus	FC sl/KD Au07/08

Catostomidae

White Sucker	Catostomus commersoni	FC/LR KD My20/01
Northern Hogsucker	Hypentelium nigricans	FC dj/KD Ap02/10
Golden Redhorse	Moxostoma erythrurum	TR dj/KD Ap02

Siluriformes

Ictaluridae

Channel Catfish	Ictalurus punctatus	TR DJ Je23/01
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Perciformes

Moronidae

White Bass Centrarchidae	<i>Morone chrysops</i>	TR/FC SL Je06/02
Rock Bass	<i>Ambloplites rupestris</i>	mj/KD FC Sp20/03
Smallmouth Bass	<i>Micropterus dolomieu</i>	TR CC (My13/01)
Pumpkinseed Percidae	<i>Lepomis gibbosus</i>	TR/FC DJ Je06/02
Greenside Darter	<i>Etheostoma blennioides</i>	TR/RP dj/KD Au26/08
Rainbow Darter	<i>Etheostoma caeruleum</i>	FC sl/KD Au07/08
Johnny Darter	<i>Etheostoma nigrum</i>	FC pd/KD Je04/09
Logperch Sciaenidae	<i>Percina caprodes</i>	TR/RP dj/KD Au26/08
Freshwater Drum	<i>Aplodinotus grunniens</i>	TR DJ Je23/01

Supplemental

In addition, the following fish were claimed by Delbert Sittler (now deceased), an experienced fisherman who lived by the Thames.. (These are not counted in the biosurvey)

Bluegill	<i>Lepomis macrochirus</i>	TR DS (Sp25/01)
Black Crappie	<i>Pomoxis nigromaculatus</i>	TR DS (Sp25/01)
White Crappie	<i>Pomoxis annularis</i>	TR DS (Sp25/01)
Silver Redhorse*	<i>Moxostoma anisurum</i>	TR DS (Sp25/01)
Yellow Perch	<i>Perca flavescens</i>	TR DS (Sp25/01)
Common Carp	<i>Cyprinus carpio</i>	TR DS (Sp25/01)
Yellow Bullhead	<i>Ameiurus natalis</i>	TR DS (Sp25/01)
Black Bullhead	<i>Ameiurus melas</i>	TR DS (Sp25/01)
Coho Salmon**	<i>Onchorynchus kisatch</i>	TR DS (Sp25/01)

* Also known locally as "Mullet"

** not supposed to be in Ontario

AMPHIBIA (9)

Anura

Bufonidae		
American Toad	<i>Bufo Americanus</i>	BCF KD J122/00
Hylidae		
Grey Treefrog	<i>Hyla versicolor</i>	TR PD My13/01
Ranidae		
Northern Leopard	<i>Rana pipiens</i>	RL PD J122/00
Green Frog	<i>Rana clamitans</i>	LM KD Je18/00
Wood Frog	<i>Rana sylvatica</i>	BCF nm/KD J107/00
Western Chorus Frog	<i>Pseudacris triseriata</i>	BCF KD Ap05/01
Spring Peeper	<i>Pseudacris crucifer</i>	BCF DW Sp09/00

Urodela

Plethodontidae		
Redback Salamander	<i>Plethodon cinereus</i>	FCF GT My29/05
Red-spotted Newt	<i>Notophthalmus viridescens virid.</i>	FCF GT My29/05

REPTILIA (4)

Testudines

Chelydridae

Snapping Turtle *Chelydra serpentina* TR MC Je01/03

Trionychidae

Eastern Spiny Softshell *Apalone spinifera spinifera* THR KD J119/00

Squamata

Colubridae

Eastern Garter Snake *Thamnophis sirtalis sirtalis* ET KD Oc27/00

Brown Snake *Storeria dekayi [var. texana]* LM/BCF KD Je30/01

AVES (139)

Ciconiiformes

Phalacrocoracidae

Double-crested Cormorant *Phalacrocorax auritus* TR PD Au30/02

Anseriformes

Anatidae

Tundra Swan *Cygnus columbianus* UM PD Mr21/01

Canada Goose *Branta canadensis* TR KD Mr04/01

Green-winged Teal *Anas crecca* HP NH Ap03/02

Mallard *Anas platyrhynchos* TR PD My31/01

Wood Duck *Aix sponsa* TR PD My31/01

Bufflehead *Bucephala albeola* FC MB Ap24/02

Hooded Merganser *Lophodytes cucullatus* HP NH Ap03/02

Common Merganser *Mergus merganser* TR KD J126/04

Falconiformes

Cathartidae

Turkey Vulture *Cathartes aura* LM PD My06/00

Accipitridae

Cooper's Hawk *Accipiter cooperii* LM JB Sp10/02

Sharp-shinned Hawk *Accipiter striatus* TR PD Nv01/05

Red-tailed Hawk *Buteo jamaicensis* RL KD J125/00

Rough-legged Hawk *Buteo lagopus* UM PD Dc2701

Broad-winged Hawk *Buteo platypterus* EW JB Sp14/02

Northern Harrier *Circus cyaneus* UM MC Ap17/02

Merlin *Falco columbarius* HP NH Dc21/02

American Kestrel *Falco sparverius* UM KD Ja30/01

Bald Eagle *Haliaeetus leucocephalus* TR PD Je16/05

Osprey *Pandion haliaetus* TR MC My18/04

Galiformes

Phasianidae

Wild Turkey *Meleagris gallopavo* FCF/blf KD Ja30/01

Ruffed Grouse *Bonasa umbellus* HB/N DW Sp09/00

Ciconiiformes

Ardeidae

Great Blue Heron *Ardea herodias* RL KD Au05/00

Green Heron *Butorides striatus* UM PR Sp17/00

Fruiformes

Rallidae		
American Coot	<i>Fulica americana</i>	TR/ST DW Oc31/00
Charadriiformes		
Charadriidae		
Killdeer	<i>Charadrius vociferus</i>	RSF/E DW Sp09/00
Scolopacidae		
Solitary Sandpiper	<i>Tringa solitaria</i>	RL MC Au06/01
Spotted Sandpiper	<i>Actitis macularia</i>	RB PD My25/00
American Woodcock	<i>Scolopax minor</i>	HB/E KD Ap24/01
Laridae		
Ring-billed Gull	<i>Larus delawarensis</i>	TR PD Ap17/02
Columbiformes		
Columbidae		
Mourning Dove	<i>Zenaidura macroura</i>	ET NM Ap01/01
Rock Dove	<i>Columba livia</i>	UM/Rd PD Au10
Cuculiformes		
Cuculidae		
Yellow-billed Cuckoo	<i>Coccyzus americanus</i>	ER WW Je16/07
Black-billed Cuckoo	<i>Coccyzus erythrophthalmus</i>	RSF MC Au14/01
Strigiformes		
Strigidae		
Eastern Short-eared Owl	<i>Asio flammeus</i>	UM wc/KD Oc29/05
Eastern Screech Owl	<i>Otus asio</i>	FCF KD Au12/01
Great Horned Owl	<i>Bubo virginianus</i>	FCF/FC DJ Fb25/01
Caprimulgiformes		
Caprimulgidae		
Common Nighthawk	<i>Chordeiles minor</i>	LM KD My17/03
Apodiformes		
Trochilidae		
Ruby-throated Hummingbird	<i>Archilocus colubris</i>	LM/ET PD Au28/01
Trogoniformes		
Trogonidae		
Belted Kingfisher	<i>Ceryle alcyon</i>	RL PD My06/00
Piciformes		
Picidae		
Red-bellied Woodpecker	<i>Centurus carolinus</i>	FCF/LM My06/00
Northern Flicker	<i>Colaptes auratus</i>	BCF SC Oc24/00
Pileated Woodpecker	<i>Hylatomus pileatus</i>	PD LM/E Ja28/06
Red-headed Woodpecker	<i>Melanerpes erythrocephalus</i>	Tr PD My08/04
Hairy Woodpecker	<i>Picoides villosus</i>	BCF MFN Ap28/01
Downy Woodpecker	<i>Picoides pubescens</i>	EW PD My06/00
Yellow-bellied Sapsucker	<i>Sphyrapicus varius varius</i>	RSF PD
Passeriformes		
Tyrannidae		
Eastern Wood Pewee	<i>Cantopus virens</i>	RSF/E DW Sp09/00
Least Flycatcher	<i>Empidonax minimus</i>	RSF MC Au14/01
Great Crested Flycatcher	<i>Myiarchus crinitus</i>	HB PD Au31/01
Eastern Phoebe	<i>Sayornis phoebe</i>	HP NH date?
Eastern Kingbird	<i>Tyrannus tyrannus</i>	TR PD Je07/01
Hirundinidae		

Horned Lark	<i>Eremophila alpestris</i>	NF/E PD Dc27/05
Barn Swallow	<i>Hirundo rusticus</i>	RL WEN My17/01
Tree Swallow	<i>Iridoprocne bicolor</i>	UM HS Ap13/01
Cliff Swallow	<i>Petrochelidon pyrrhonota</i>	LM JS Je16/07
Purple Martin	<i>Progne subis</i>	TR MC Au14/01
Bank Swallow	<i>Riparia riparia</i>	RL MP Ja07/01
Northern Rough-winged Swallow	<i>Stelgidopteryx serripennis</i>	
Corvidae		
Blue Jay	<i>Cyanocitta cristata</i>	BCF KD Dc10/00
American Crow	<i>Corvus brachyrhynchos</i>	FCFPD My06/00
Paridae		
Black-capped Chickadee	<i>Parus atricapillus</i>	FCF/LM PD My06/00
Tufted Titmouse	<i>Parus bicolor</i>	LM/FCF PD Fb20/01
Sittidae		
White-breasted Nuthatch	<i>Sitta caroliniensis</i>	FCF/LM PD Oc01/00
Red-breasted Nuthatch	<i>Sitta canadensis</i>	Tr HC Ap13/01
Brown Creeper	<i>Certhia americana</i>	FCF/br PD Ja27/02
Troglodytidae		
Carolina Wren	<i>Thryothorus ludovicianus</i>	BCF PD Nv01/10
House Wren	<i>Troglodytes aedon</i>	LM/HF WEN My17
Mimidae		
Gray Catbird	<i>Dumatella carolinensis</i>	BCF PD J105/00
Northern Mockingbird	<i>Mimus polyglottos</i>	RSF/RB KD Au27/05
Brown Thrasher	<i>Toxostoma rufum</i>	BCF MFN Ap28/01
Muscicapidae		
American Robin	<i>Turdus migratorius</i>	LM PD My06/00
Wood Thrush	<i>Hylocichla mustelina</i>	BCF DW My11/02
Hermit Thrush	<i>Catharus guttatus</i>	BCF MC Ap17/02
Swainson's Thrush	<i>Catharus ustulatus</i>	RL DW Sp15/01
Veery	<i>Catharus fuscescens</i>	BCF WW My11/02
Eastern Bluebird	<i>Sialia sialis</i>	UM NH Au06/00
Blue-grey Gnatcatcher	<i>Polioptila caerulea</i>	ET WEN My17/01
Golden-crowned Kinglet	<i>Regulus satrapa</i>	
Ruby-crowned Kinglet	<i>Regulus calendula</i>	
Bombycillidae		
Cedar Waxwing	<i>Bombycilla cedrorum</i>	RL KD Au09/00
Sturnidae		
European Starling	<i>Sturnus vulgaris</i>	FCF/LM KD Dc27/00
Vireonidae		
Northern Shrike	<i>Lanius excubitor</i>	HP nh/PD Nv17/06
Warbling Vireo	<i>Vireo gilvus</i>	BCF MC Je01/05
Red-eyed Vireo	<i>Vireo olivaceus</i>	BCF PD Je16/01
Philadelphia Vireo	<i>Vireo philadelphicus</i>	BCF DM/LW Sp11/10
Blue-headed Vireo	<i>Vireo solitarius</i>	ET/BC DW My08/04
Parulidae		
Black and White Warbler	<i>Mniotilta varia</i>	where MC Au14/01
Orange-crowned Warbler	<i>Vermivora celata</i>	BCF PM Sp23/07
Blue-winged Warbler	<i>Vermivora pinus</i>	BCF/W MC My06/01
Tennessee Warbler	<i>Vermivora peregrina</i>	RSF MC My14/01
Nashville Warbler	<i>Vermivora ruficapilla</i>	BCF MC My06/01

Black-throated Blue Warbler	<i>Dendroica caerulescens</i>	BCF PM Sp23/07
Yellow Warbler	<i>Dendroica petechia</i>	BCF/ET PD Je18/00
Magnolia Warbler	<i>Dendroica magnolia</i>	where MC Au14/01
Yellow-rumped Warbler	<i>Dendroica coronata</i>	
Black-throated Green Warbler	<i>Dendroica virens</i>	Loc MC Au14/01
Yellow-throated Warbler	<i>Dendroica dominica</i>	
Palm Warbler	<i>Dendroica palmarum</i>	ET/BC DW My08/04
Chestnut-sided Warbler	<i>Dendroica pennsylvanicus</i>	BCF/ET DW My11/02
Blackpoll Warbler	<i>Dendroica striata</i>	BCF PM Sp23/07
Common Yellowthroat	<i>Geothlypis trichas</i>	ET? WEN My17/01
Northern Parula	<i>Parula americana</i>	BCF DM/LW Sp11/10
Ovenbird	<i>Seiurus aurocapillus</i>	BCF/ER MC Je01/03
Wilson's Warbler	<i>Wilsonia canadensis</i>	BC/E WW My11/02
American Redstart	<i>Setophaga ruticilla</i>	TH JP Sp20/01
Ploceidae		
House Sparrow	<i>Passer domesticus</i>	UM PD My25/03
Icteridae		
Bobolink	<i>Dolichonyx oryzivorus</i>	UM PD JI05/00
Eastern Meadowlark	<i>Sturnella magna</i>	LM PD JI05/00
Red-winged Blackbird	<i>Agelaius phoeniceus</i>	RL PD Mr21/01
Common Grackle	<i>Quiscalus quiscula</i>	where WEN My17/01
Brown-headed Cowbird	<i>Molothrus ater</i>	FCF/LM KD Ap24/01
Orchard Oriole	<i>Icterus spurius</i>	FCN GP My17/01
Northern Oriole	<i>Icterus galbula</i>	LM PD My06/00
Thraupidae		
Scarlet Tanager	<i>Piranga olivacea</i>	BCF AW JI05/00
Fringillidae		
Grasshopper Sparrow	<i>Ammodramus savannarum</i>	ER WW Je16/07
Dark-eyed Junco	<i>Junco hyemalis</i>	FCF/LM PD Dc20/00
Northern Cardinal	<i>Cardinalis cardinalis</i>	FCF/LM KD Dc27/00
Rose-breasted Grosbeak	<i>Pheucticus ludovicianus</i>	BCT PD My06/00
Indigo Bunting	<i>Passerina cyanea</i>	BCF/W MC My06/01
American Goldfinch	<i>Cardualis tristis</i>	RSF/E DW Sp09/00
House Finch	<i>Carpodacus mexicanus</i>	FC/EW DW Oc31/05
Purple Finch	<i>Carpodacus purpureus</i>	Tr PD Mr16/05
Eastern Towhee	<i>Pipilo erythrophthalmus</i>	RL PD Ap09/00
Savannah Sparrow	<i>Passerculus sandwichensis</i>	UM HS Ap13/01
Fox Sparrow	<i>Passerella iliaca</i>	LM/HBF PD Nv03/02
Vesper Sparrow	<i>Poocetes gramineus</i>	FR MC Ap17/02
American Tree Sparrow	<i>Spizella arborea</i>	LM/HF PD Dc27/00
Clay-colored Sparrow	<i>Spizella pallida</i>	UM MC Je01/05
Chipping Sparrow	<i>Spizella passerina passerina</i>	UM HS Ap13/01
Field Sparrow	<i>Spizella pusilla</i>	UM MC Au06/01
White-crowned Sparrow	<i>Zonotrichia albicollis</i>	BCF MC Au14/01
White-throated Sparrow	<i>Zonotrichia leucophrys</i>	BCF PD Oc08/00
Swamp Sparrow	<i>Melospiza georgiana</i>	BCF MC My06/01
Song Sparrow	<i>Melospiza melodia</i>	UM PD My06/00

MAMMALIA (31)

Didelphimorpha

Didelphidae		
Virginia Possum	<i>Didelphus virginiana</i>	FCF/LM PD Au28/01
Insectivora		
Soricidae		
Northern Short-tailed Shrew	<i>Blarina brevicauda</i>	LM KD J118/03
Masked Shrew	<i>Sorex cinereus</i>	ER/LM wc/KD Sp03/07
Chiroptera		
Vespertilionidae		
Little Brown Myotis	<i>Myotis lucifugus</i>	Tr KD Au15/05
Lagomorpha		
Leporidae		
Snowshoe Hare	<i>Lepus americanus</i>	Rd JS Je16/07
Eastern Cottontail	<i>Silvilagus floridanus</i>	RL KD Au05/00
European Hare	<i>Lepus europaeus</i>	ER KD Ap209/03
Rodentia		
Sciuridae		
Eastern Chipmunk	<i>Tamias striatus</i>	FCF/blf KD Mr19/01
Groundhog	<i>Marmota monax</i>	RB/R/RSF KD My17/03
Eastern Gray Squirrel	<i>Sciurus carolinensis</i>	BCF KD Oc16/00
Red Squirrel	<i>Tamiasciurus hudsonicus</i>	ER/BCF KD Mr29/03
Southern Flying Squirrel	<i>Glaucomys volans</i>	Tr KD Au30/02
Muridae		
White-footed Mouse	<i>Peromyscus leucopus</i>	HF/E KD Fb20/01
Deer Mouse	<i>Peromyscus maniculatus</i>	Tr pd/KD Au22/10
Meadow Vole	<i>Microtus pennsylvanicus</i>	LM KD Ja30/01
Common Muskrat	<i>Ondatra zibethicus</i>	TR PD Je18/00
House Mouse	<i>Mus musculus</i>	Tr KD Sp22/06
Dipodidae		
Meadow Jumping Mouse	<i>Zapus hudsonius</i>	LM KD My11/05
Carnivora		
Canidae		
Domestic Dog	<i>Canis familiaris</i>	HP
Coyote	<i>Canis latrans</i>	BCF KD Fb02/02
Grey Wolf	<i>Canis lupus</i>	LM KD Ja30/01
Red Fox	<i>Vulpes vulpes</i>	BCF KD Fb17/02
Procyonidae		
Raccoon	<i>Procyon lotor</i>	BCF AC' Sp24/00
Mustelidae		
Striped Skunk	<i>Mephitis mephitis</i>	BCF KD Fb02/02
Mink	<i>Mustela vison</i>	RSF/R GJ Dc17/00
Northern River Otter	<i>Lutra canadensis</i>	
Felidae		
Domestic Cat	<i>Felis catus</i>	ET DJ Dc17/00
Bobcat	<i>Felis rufus</i>	RL KD Au03/04
Cougar	<i>Felis concolor</i>	EW/fld KN 1987
Arteriodactyla		
Cervidae		
White-tailed Deer		BCF DJ Au21/00

Fallow Deer* Dama dama
 *unconfirmed escapee from local collector

FCF/E/KD My03/06

FUNGI (incl. Lichens) (209)

Common name	Scientific name	Locale/by/date
ZYGOMYCOTA		
“Paper Crust”	Porothelium fimbriatum	RSF kd/GT Sp03/07
Mushroom Mold	Penicillium sp.	GF/W kd/GT Sp12/07
ASCOMYCOTA		
DISCOMYCETES		
Pezizales		
Hypocreaceae		
“Corn Cobbles”	Trichoderma sp.	HBF GT My29/05
Morchellaceae		
Yellow Morel	Morchella esculenta	RSF/Tr My20/02 KD
Mycosphaerellaceae		
Ash Leaf-spot	Mycosphaerella effigurata	FCF KD AuSp04/05
Sarcosomataceae		
Devil’s Urn	Urnula craterium	BCF/ET KD Mr09/02
Sarcoscyphaceae		
Scarlet Cup	Sarcoscypha coccinea	FCF pd/KD Ap24/04
Stalked Scarlet Cup	Sarcoscypha occidentalis	FCF/Blf KD Je09/02
Pezizaceae		
Common Brown Cup	Peziza badio-confusa	NCF/blf KD Oc04/01
Bladder Cup	Peziza vesiculosa	RSF JI01/00
Pyronemataceae		
‘Earth Cap’	Scutellinia umbrorum	RSF KD JI19/00
Eyelash Cup	Scutellinia scutellata	TRT/RL KD Nv11/04
‘Little Redeyes’	Scutellinia erinaceus	Loc GT Sp24/10
Tuberales		
Elaphomycetaceae		
Adder’s Tongue	Cordyceps ophioglossoides	FCT/LM KD JI17/02
False Truffle	Elaphomyces granulatus	FCT/LM KD JI17/02
Phacidiales		
Phacidiaceae		
Tar Spot of Maple	Rhytisma acerinum	LM KD Au13/04
Helotiales		
Leotiaceae (need other families?)		
Lemon Drops	Bisporina citrina	RSF pdKD JI01/00

Adder's Tongue	<i>Cordyceps ophioglossoides</i>	FCT/LM KD J117/02
Purple Jelly-drops	<i>Ascocoryne sacroides</i>	GF pd/KD Oc17/06

Rhytismatales

Rhytismataceae

Shothole Fungus (of Oak)	<i>Coccomyces [hiemalis]</i>	GF KD Au15/05
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PYRENOMYCETES

Sphaeriales

Xylariaceae

Carbon Balls	<i>Daldinia concentrica</i>	RSF Au02/00
'Tar Streak Fungus'	<i>Hypoxylon</i> sp.	RSF kd/GT Nv26/04
Candlesnuff	<i>Xylaria hypoxylon</i>	GF pfKD My30/04
Stalked Xylaria	<i>Xylaria longipes</i>	Tr sl/KD Au30/03
Dead Man's Fingers	<i>Xylaria polymorpha</i>	RSF KD Au02/00

Lulworthiales

Family

Amphibious fungus	<i>Cladosporium</i> sp.	HB/E kd/GT Dc31/03
Amphibious fungus	<i>Lemmoniera</i> sp.	FCR AK Nv02/00

SORDARIOMYCETES

Hypocreales

Hypocreaceae

Lemon Crust	<i>Hypocrea citrina</i>	BCF kd/GT Oc20/09
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Nectriaceae

Nectria Canker	<i>Nectria [galligena]</i>	RSF DC Ap13/09
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Xylariales

Diatrypaeae

Eutypella Canker	<i>Eutypella parasitica</i>	RSF DC Ap13/09
'Pink Paint Fungus'	<i>Hypoxylon rubiginosum</i>	FCT pd/GT Je28/09

BASIDIOMYCOTA

HETEROBASIDIOMYCETAE

Uredinales

Pucciniaaceae

Red-edar Rust Gall (add jellies, rusts & smuts here)	<i>Gymnosporangium juniperi-virginianae</i>	GF pd/KD Ap;27/05
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HOMOBASIDIOMYCETAE

Tremallales

Exidiaceae

Black Jelly Roll	<i>Exidia glandulosa</i>	HB KD Oc17/06
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Auriculariaceae

Tree Ear	<i>Auricularia auricula</i>	NCF KD Nv30/00
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Dacrymycetaceae

'Jelly Horns'	<i>Calocera [cornea]</i>	FCT PD Je29/09
Orange Jelly	<i>Dacrymyces palmata</i>	RSF pd/KD J101/00

Tremellaceae		
'Sedge Jelly'	<i>Tremella concrescens</i>	NCF KD J105/00
Leafy Jelly Fungus	<i>Tremella foliacea</i>	FCT/DF KD Oc20/04
Witches Butter	<i>Tremella mesenterica</i>	NCF KD Nv30/00
White Coral Jelly	<i>Tremella reticulata</i>	HB/RSF KD J110/03
Aphylliphorales		
Cantherellaceae		
Chanterelle	<i>Cantherellus cibarius</i>	RSF/HB KD J123/03
Clavariaceae		
'Crown Coral'	<i>Clavicornia pyxidata</i>	HW KD Au27/01
Cotton-base Coral	<i>Lentaria byssiseda</i>	HB KD My29/02
'Uniform Ramaria'	<i>Ramaria [concolor]</i>	RB pd/KD Sp22/06
'Buff Ramaria'	<i>Ramaria primulina</i>	RB/tr KD Au20/03
'Straight Ramaria'	<i>Ramaria stricta</i>	HB KD Je21/03
Corticaceae		
Two-tone Parchment	<i>[Laxitectum bicolor]</i>	RSF nm/KD Mr09/02
Red Tree Brain	<i>Peniophora rufa</i>	FCT/200 Au27/01
Radiating Phlebia	<i>Phlebia radiata</i>	BCF/E bd/KD Oc18/01
'Wooly Phlebia'	<i>Phlebia tremellosa</i>	RSF KD Oc23/01
Hydnaceae		
Bear's Head Tooth	<i>Hericium coralloides</i>	HW KD Sp18/01
Bearded Tooth	<i>Hericium [erinaceus]</i>	BCT80 KD Sp01/01
Scaly Hydnum	<i>Sarcodon imbricatus</i>	n/r KD Au13/04
Hymenochaetaceae		
'Brown Crust'	<i>Hymenochaete sp.</i>	EW/FC Au27/01
Reddish-brown Crust	<i>Hymenochaete badio-ferruginea</i>	NCF Nv30/00
Wooly Velvet Polypore	<i>Inonotus tomentosus</i>	RSF/HB KD Au27/05
'Pink Thorn-bracket'	<i>Phellinus conchatus</i>	BCF kd/GT
Phellinus bracket	<i>Phellinus sp.</i>	BCF kd/GT Mr25/10
Polyporaceae		
'Scurfy Polypore'	<i>Albatrellis [elissii]</i>	BCF KD My30/04
'Porcelain Bracket'	<i>Bjerkandera adusta</i>	FCF/FC KD Oc12/06
Mossy Maze Polypore	<i>Cerrena unicolor</i>	NCF KD Oc29/01
Thin-maze Oak Polypore	<i>[Daedalea quercina]</i>	RL/E KD Fb20/01
Blushing Bracket	<i>Daedaleopsis confragosa</i>	HW KD Au27/01
Hex-pored Polypore	<i>Favolus alveolaris</i>	NCF KD Sp01/01
Ox Tongue	<i>Fistulina hepatica</i>	HB KD Oc17/06
Tinder Polypore	<i>Fomes fomentarius</i>	HB KD Oc28/04
Red-belted Polypore	<i>Fomes pinicola</i>	RSF KD Oc23/01
Artist's Conk	<i>Ganoderma applanatum</i>	RSF J107/00
'Snow Bracket'	<i>Gloeoporus dichrous</i>	RSF KD Oc04/01
Tender Nesting Polypore	<i>Hapalopilus nidulans</i>	BCF KD J123/03
Milky Tooth Polypore	<i>Irpex lacteus</i>	BC KD Oc08/00
Resinous Polypore	<i>Ischnoderma resinosum</i>	FCF/LM KD Au27/01
Multicolour Gill Polypore	<i>Lenzites betulina</i>	BC/ET KD Nv16/04
'Sweet Bracket'	<i>Oligoporus caesius</i>	BCF450 KD Oc18/03
'Browning White Polypore'	<i>Oligoporus tephroleucus</i>	RSF kd/GT Oc07/09
Mossy Maple Polypore	<i>Oxyporus populinus</i>	BCF340/s KD Sp25/03
'Smooth White Crust'	<i>Perreniporia sp.</i>	GFT KD Oc20/04
'Velvet Crust'	<i>Phellinus ferruginosus</i>	RSF KD J107/00

Mustard-yellow P.pore	Phellinus gilvus	BCF nm/KD Oc23/01
Bay-brown Polypore	Polyporus badius	FCT/Br AL/KD Au07/05
Rooted Polypore	Polyporus radicans	TH Sp01/01
Dryad's Saddle	Polyporus squamosus	
Black-footed Polypore	Polyporus varius	RSF KD Je22/00
Spring Polypore	Polyporus [arcularius]	BCF KD My30/04
Cinnabar Polypore	Pycnoporus cinnabarinus	RSF/HB KD Oc17/06
Little Nest Polypore	Poronidulus conchifer	BCF KD Ap26/04 [name?]
'White Doily Bracket'	Trametes conchifer	kd/GT RSF/Bnch Au29/06
'Hairy Trametes'	Trametes hirsuta	TRT/RL KD Oc31/04
'Suave Trametes'	Trametes suaveolus	HB/E kd/GT Dc31/03
Turkey Tail	Trametes versicolor	BCF Nv30/00
Violet-toothed Polypore	Trichaptum biformis	TRT/HB KD Au30/03
White Cheese Polypore	Tyromyces chioneus	RSF Je22/00
Black-footed Polypore		BCF KD Je25/01
Gloeophyllaceae		
Yellow-red Gill Polypore	Gloeophyllum sepiarium	RSF/TR KD Oc12/06
Schizophyllaceae		
Common Split-gill	Schizophyllum commune	RSF KD Mr09/02
Stereaceae		
'Snow Bracket'	Gloeoporus dichrous	RSF KD Oc04/01
Hairy Parchment	Stereum hirsutum	FC/HBF KD Nv16/04
Crowded Parchment	Stereum complicatum	HW Au27/01
False Turkey-tail	Stereum ostrea	HW KD Fb25/01
Silky Parchment	Stereum striatum	RSF KD Je22/00
Agaricales		
Agaricaceae		
Abruptly-bulbous Agaricus	Agaricus abruptibulbus	RSF KD Sp27/09
Horse Mushroom	Agaricus arvensis	Tr KD Sp10/06
Flat-topped Agaricus	Agaricus platymyces	FG/FC KD Au03/07
Wood Agaricus	Agaricus silvicola	KD FCT/GF Oc01/06
Sharp-scaled Lepiota	Lepiota acutaesquamosa	FCF pd/KD Nv01/05
Malodorous Lepiota	Lepiota cristata	GF/FC/E pd/KD Nv01/10
Shaggy Parasol	Lepiota rhacodes	BCF/ET KD Nv03/02
'Red-eyed Lepiota'	Lepiota rubrocincta	GF KD Oc21/09
Smooth Parasol	Leucoagaricus naucine	UM/FC nm/KD Sp25/3
Giant Lepiota	Megalepiota rhacodes	EW/HBF/N KD Je08/03
Amanitaceae		
'False Grisette'	Amanita ceciliae	HB KD J128/04
Yellow Blusher	Amanita flavorubescens	GF/FC jn/KD J118/03
Fly Agaric	Amanita muscaria	pd/KD GF J129/06
The Panther	Amanita pantherina*	GF KD Oc12/06
Boletaceae		
Ash-tree Bolete	Boletinus meruloides	HB nm/KD J126/04
Russell's Bolete	Boletus russelli	GF KD Oc05/06
Coprinaceae		
Tippler's Bane	Coprinus atramentarius	FCT/120 Au27/01
Shaggy Mane	Coprinus. comatus	BCF ac/KD Sp24/01
Crumble Cap	Coprinus disseminatus	BCF KD Oc31/04

Common Psathyrella	Psathyrella candolleana	RSF pd/KD Au02/00
'Watery Psathyrella'	Psathyrella [hydrophila]	KD FCT/GF Sp26/06
Weeping Widow	Psathyrella velutina	RSF Au22/00
Cortinariaceae		
Cinnamon Cort	Cortinarius cinnamoneus	BCF KD Oc31/04
'Freckled Cort'	Cortinarius phollideus	HB Itr nm/KD Oc07/03
Deadly Galerina	Galerina autumnalis	RSF KD Nv01/05
Fibre-head	Inocybe fastigiata	TRT/blfs pd/KD Oc31/04
'Woodside Mushroom'	Ramicola centuncula	Loc GT Sp24/10
Crepidotaceae		
Flat Crep	Crepidotus appianatus	TH Au27/01
'Brown Jelly Crep'	Crepidotus mollis	kd/GT HB Au28/06
Variable Crep	Crepidotus [variabilis]	RSF JI07/00
'Soil Crep'	Crepidotus sp.	FC/GF KD Au20/03
Hygrophoraceae		
Witch's Hat	Hygrophorus conicus	LM pd/KD Sp02/06
'Slime Cap'	Hygrophorus chlorophanus	NK pd/KD Je30/08
'White Slimehead'	Hygrophorus eburneus	RB KD Sp22/06
Parrot Mushroom	Hygrophorus psittacina	GF pd/Kd Oc17/06
Entolomataceae		
Sweetbread Mushroom	Clitopilus prunulus	HB KD Au09/04
Plutaceae		
Fawn Mushroom	Pluteus cervinus	GF/FC kd/GT Oc
Velvet Shield	Pluteus umbrosus	Tr wc/KD JI25
Pleurotaceae		
Hohenbuehella	Hohenbuehella atrocaerulea	HB kd/GT JI28/04
'Grey Hohenbuehelia'	Hohenbuehelia atrocaerulea /grisea	FCT/GF kd/GT
Leaflike Oyster	Hohenbuehelia petaloides	RSF KD Sp10/06
Russulaceae		
'Tasty Milky'	Lactarius deliciosus	KD RBIfs JI24/06
'Ring-cap Milky'	Lactarius fumosus	GF KD Oc05/06
'Cardboard Mushroom'	Lactarius [imperceptus]	HB KD Au09/04
Peppery Milky	Lactarius piperatus	RSF/HB KD Au20/03
Zoned-cap Milky	Lactarius zonarius	RB/tr KD JI23/03
Fragile Russula	Russula [fragilis]	HB/tr KD Oc09/03
Blackish-red Russula	Russula Kromholtzii	HB/RSF KD JI06/03
'Forest Russula'	Russula silvacola	HB KD JI23/03
Variable Russula	Russula variata	GF KD Oc05/06
Strophariaceae		
Golden Pholiota	Pholiota aurivella	NCF KD Oc29/01
'Freckled Pholiota'	Pholiota malicola	BC KD Oc08/00
Tricholomataceae		
Honey Mushroom	Armillariella mellea	RST nm/KD Oc29/02
Blewitt	Clitocybe nuda	HB/tr KD Oc09/03
'Owlet'	Clitocybula ocula	HW/FCT Je17/01
Velvet Foot	Collybia velutipes	NCF Nv30/00
Wire Mushroom	Crinipellis setipes	FCT/300 Au27/1
'Brown Hairy-legs'	[Gymnopus subnudus]	GF K1D Sp02/06
Elm Oyster	Hypsizygus tessulatus	HB/RSF KD Oc10/05
Bear Lentinus	Lentinellus ursinus	HB KD Oc12/06

Train Wrecker	<i>Lentinus lepideus</i>	BCF Oc23/01
Fused Marasmius	<i>Marasmius cohaerens</i>	BCF/E KD Sp13/09
'Tiny Dunce'	<i>Marasmius [olidus]</i>	FCT/300 Au27/1
Fairy Ring Mushroom	<i>Marasmius oreades</i>	LM/FCF Au28/01
Pinwheel Marasmius	<i>Marasmius rotula</i>	BCT jd/KD J131/10
Bleeding Mycena	<i>Mycena haematopus</i>	FCT/200 Au27/1
'White Mycena'	[<i>Mycena inclinata</i>]	RST KD Au20/03
Orange Mycena	<i>Mycena leaiana</i>	RSF J119/00
'Leadcap Mycena'	<i>Mycena polygramma</i>	BCF KD Je17/01
'Rose Mycena'	<i>Mycena rosella</i>	GF pd/KD Sp02/06
'White Mycena'	<i>Mycena [stylobates]</i>	BC KD Oc08/00
'Wrinkled Mycena'	<i>Mycena sp.**</i>	RSF/HB KD Oc12/06
Rooted Oudemansiella	<i>Oudemansiella radicata</i>	BCF KD Oc27/01
Late Fall Oyster	<i>Panellus serotinus</i>	NCF KD Oc29/01
Luminescent Panellus	<i>Panellus stipticus</i>	GF KD Sp02/06
'Orange-gilled Shelf'	<i>Phyllotopsis nidulans*</i>	RSF KD Oc07/09
Oyster Mushroom	<i>Pleurotus ostreatus</i>	EW nm/KD Au16/01
Netted Rhodotus	<i>Rhodotus palmatus</i>	RSF KD J122/00
Platterful Mushroom	<i>Tricholomopsis platyphylla</i>	RSF/upl. KD Je25/02
'Ghost Parasol'	<i>Xerula megalospora</i>	RSF KD Au21/00

Lycoperdales

Lycoperdaceae

Purple-spored Puffball	<i>Calvatia cyathiformis</i>	Tr KD Sp25/03
Giant Puffball	<i>Calvatia gigantea</i>	FC nm/KD Oc22/02
Curtis's Puffball	<i>Lycoperdon curtisii</i>	HBF pd/KD Au13/04
Pear-shaped Puffball	<i>Lycoperdon pyriforme</i>	NCF KD Nv30/00

Nidulariales

Nidulariaceae

White-egg Birds Nest	<i>Crucibulum laeve</i>	FCF/FCbg KD Oc12/03
Striate Birds Nest Fungus	<i>Cyathus striatus</i>	RSF pd/KD Au09/04

unplaced

Crimped Gill	<i>Plicaturopsis crispa</i>	GF KD Dc06/06
'Cottonfoot'	<i>Tubaria furfuracea</i>	ET GT My29/05
'Dixie Cup'	<i>Cotylidia diaphana*</i>	FCT pd/GT Je28/09
Gold Thread Rot	<i>Phanerochaete chrysorhiza*</i>	BCF kd/GT Sp05/09

Notes and Supplemental Fungal Species

1. The Netted *Rhodotus* (name from Lincoff) is described by Barron as "widespread but rare."
2. The "White *Mycena*" could not be identified with certainty because the bases of the specimens were accidentally destroyed during collection. The presence of disks at the feet would have clinched it.
3. "Black Wire *Crinipellis*" [*Crinipellis* sp.] RSF J119/00
 Cap: 1 cm dia, light brown, radially wrinkled. Gills: close, yellowish with reddish edges, adnate to free. Stalk: thin (<1 mm), black, hairy, wiry-tough, 4 cm long. Habitat: on dead stick (not listed)

4. "Wax Drops" [Marasmius sp.] RSF Au02/00
 Cap: 1-1.5 cm, flat, recurved, faintly radially lined, hint of brown in depressed centre, otherwise, a waxy, translucent white colour, fragile, somewhat rubbery. No particular scent or taste. Gills: close, narrow, waxy white, attached, spore print white. Stalk: 2-3 cm X 2-3 mm, waxy white, sparsely scurfy/scaly. Habitat: fruiting on side of well-rotted log, about a dozen mushrooms
5. "Accordion Fungus" FCT/200m Au27/01
 Possibly a fragment: fertile surface folded into tiers or wrinkles, reminiscent of a fleshy, grey accordion. Attached directly to dead wood. Flesh hard. Pores black on grey surface, tiny, well-spaced. About 2 cm x 3 cm. No cap, stalk, or other regular part
6. "Red-dot Slime" FCT/300m Au27/01
 An undoubted slime mold with red sporangia (0.5 mm) on short, pale yellow stalks.
7. "Stilt Brownie" FCT/150m Au27/01
 A mushroom I should be able to identify, but cannot. Cap: light brown, darker toward the centre, radially lined, about 2 cm in dia. Gills: light buff, distant, attached, stem: 2mm x 20 mm widening near apex, dk brown, lighter toward apex.
8. "Brown Crust" EW Au27/01
 The presence of numerous bristles on the upper surface of this crust makes it a Hymenochaete, but the bristles are confined to irregular channels that divide the fertile surface into regions. Pores irregular, mostly polygonal, a few toothlike.

MYCOPHYCOPHYTA (LICHENS 14)

Lemon Lichen	Candelaria concolor	FC/LR KD Nv07/04
Powdery Goldspeck	Candelariella efflorescens	NF BP J101/09
Mealy Pixy-cup	Cladonia chlorophaea	GF KD Oc05/06
Common Powderhorn	Cladonia coniocraea	HB KD Sp16/04
Trumpet Lichen	Cladonia fimbriata	TR/blfs KD Oc28/04
Fence-rail Cladonia	Cladonia parasitica	RL KD Oc31/04
Common Greenshield Lichen	Flavoparmelia caperata	BCF/RL BP Je12/09
Monk's Hood Lichen	Hypogymnia physodes	BCF/RL BP Je12/09
Fluffy Dust Lichen	Lepraria ionificans	BCF KD Oc16
Mealy Camouflage Lichen	Melanelia [disjuncta]	BCF KD Oc16/04
Orange Shadow Lichen	Phaeophysica rubropulchra	BCF pd/KD Oc20/04
Hoary Rosette Lichen	Physica aipolia	BCF KD Oc20/04
Mealy Rosette Lichen	Physica millegrana	GF KD Je01/.04
Star Rosette Lichen	Physica stellaris	NF BP Nv/09

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Key to Reproductively Mature Earthworms Found in Canada, Wormwatch, 1998 (ref. incomplete -- this is a one-page ID chart)

Locale codes

Locale codes are often combined to give a more precise location. For example, "LM/BCF" means "in the Lower Meadow next to the Blind Creek Forest." Also directions, as in "HB/E." which means "the east end of the Hogsback."

BC	Blind Creek - in or nearby
BCF	Blind Creek Forest
BCS	Blind Creek Swamp
Br	bridge
BW	Bluebell Woods (part of RSF)
CB	Creek Bluffs
CP	Copse (GF/S)

ER	East Ravine
ET	Edgar's Trail
FC	Fleming Creek - in or nearby
FCF	Fleming's Creek Forest
FCT	Fleming Creek Trail
FR	Furnival Road
GF	Gallery Forest (along upper FC bluffs)
HB	Hogsback
HBF	Harvey's Bean field
HO	The Hole
HP	Hurdle Property
LM	Lower Meadow
LR	Lower rapids on FC
LOC (or loc)	Unspecified location
LR	Lower rapids of Fleming Creek
MB	Mussel Beach
NF	Newport Forest (as a whole)
Nk	The Nook
RB	Thames River Bluffs
RBT	River Bluffs Trail
RL	River Landing
RSF	Riverside Forest
SB	Sand bar
ST	Suckertown
SW	"swamp" as a descriptor
TH	Tower Hill
TR	Thames River
Tr	trailer or trailer feeders
UM	Upper Meadow
UR	Upper rapids of Fleming Creek
VPA-I	Vernal Ponds A to I in the Blind Creek Forest
WR	West Ravine

Personnel Codes

AC	Anita Caveney	
AC'	Ann Cherry	
AY	Andrew Young	entomologist
BB	Big Bend (not on site, but great mussel grounds)	
BD	Barbara Drechsler	
BK	Brenda Kulon	butterfly expert
BP	Bruce Parker	naturalist
CC	Colin Campbell	
CD	Chris Dewdney	naturalist
DB	Daniel Bickel	entomologist
DC	Donald Craig	conservation officer
DJ	Darren Jacobs	native ecologist
DT	Dorothy Tiedje	bird expert
DW	DaveWake	bird expert
DS	Delbert Sitler	

EC	Erin Carroll	
FBO	Any member of the Field Botanists of Ontario	
GJ	Glen Jacobs	
GP	George Prieksaitis	naturalist
GT	Greg Thorn	mycologist
HC	Ho-Chu	
HS	Ha-Cheol Sung	bird expert
JB	Jane Bowles	botanist
JD	Jonathan Dewdney	
JN	Jordan Newport	
JP	James Phipps	botanist
JS	Jeff Skevington	entomologist
KD	Kee Dewdney	naturalist
KN	Kurt Newport	
MA	Muriel Andreae	naturalist & conservation officer
MC	Michele Carnerie	bird expert
MFN	Any member of the McIlwraith Field Naturalists	
MJ	Manny Jacobs	
MO	Michael Oldham	botanist (Natural Heritage Information Centre)
MP	Marjorie Prieksaitis	naturalist
NH	Nina Hurdle	
NM	Nicholas Mihlik	
NZ	Nina Zitani	entomologist (hymenoptera)
PD	Pat Dewdney	naturalist
PR	Pete Read	bird expert
RG	Rob Gigear	entomologist (bumblebees)
SC	Stan Caveney	entomologist - naturalist
SM	Steve Marshall	entomologist - insect surveys
WC	William Cable	
WEN	Any member of the West Elgin Nature Club	
WW	Winnifred Wake	Bird expert