

NEWPORT FOREST CHECKLIST OF BIOTA

Last update: August 11 2011

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, but not counted. 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 **1725**

| | | |
|-------------|-----------------|-----|
| By kingdom: | Plantae | 469 |
| | Animalia | 865 |
| | Protista | 165 |
| | Fungi & Lichens | 210 |
| | Eubacteria | 16 |

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</i> sp. | 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 (469)

| 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 (331) | | |
| ----- | | |
| DICOTYLEDONAE (323) | | |
| 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 |
| Intermediate Dogbane | <i>Apocynum medium</i> | HB kd/PD Au12/11 |
| Apiaceae | | |
| Goutweed | <i>Aegopodium podagraria</i> | RSF PD [P-lists] |
| Angelica | <i>Angelica atropurpurea</i> | RL |
| Harbinger of Spring | <i>Eriogenia 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 |

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|-------------------------|-----------------------------------|---------------------|
| 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 JI05/00 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 var. 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 JI22/00 |
| Common Boneset | <i>Eupatorium perfoliatum</i> | BCT PD [P-lists] |
| Joe-pye Weed | <i>Eupatorium maculatum</i> | BCT PD [P-lists] |

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|--------------------------|-----------------------------------|---------------------|
| 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 Au1 16/08 |
| 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 |

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|------------------------------|-------------------------------|---------------------|
| 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 | | |
| Sparscale | <i>Atriplex patula</i> | RL JB Sp26/07 |
| Lamb's Quarters, pigweed | <i>Chenopodium album</i> | RL JB Sp26/07 |
| Convolvulaceae | | |
| Common Dodder | <i>Cuscula 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] |
| Low Hop Clover | <i>Trifolium recumbens</i> | RB kd/PD Je19/1 |
| 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 |

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|------------------------|---------------------------------|-------------------|
| 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 |
| Peppermint | <i>Mentha piperita</i> | RL PD Au12/11 |
| Wild Bergomot | <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> | HB KD J110/06 |
| Common Skullcap | <i>Scutellaria galericulata</i> | FCT/GF PD Au06/11 |
| Hedge Nettle | <i>Stachys</i> sp. | 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 | | |

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|-------------------------|--------------------------------|----------------------|
| 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 | <i>Phlox divaricata</i> | WR PD Myo5/01 |
| Polygalaceae | | |
| Seneca Snakeroot | <i>Polygala senega</i> | RL WEN My17/01 |
| Polygonaceae | | |
| Silver Lace Vine | <i>Polygonum albertii</i> | DT Sp14/02 |
| Common Smartweed | <i>Polygonum hydropiper</i> | PD RL Sp11/04 |
| Nodding Smartweed | <i>Polygonum lapathyfolium</i> | FC JB Sp14/02 |
| Smartweed | <i>Polygonum pensylvanicum</i> | RL JB Sp26/07 |
| Lady's Thumb | <i>Polygonum persicaria</i> | BCbd PD [P-lists] |
| False Buckwheat | <i>Polygonum scandens</i> | BCT PD [P-lists] |
| Curled Dock | <i>Rumex crispus</i> | UM/ER PD Sp03/00 |
| Great Water Dock | <i>Rumex orbiculatus</i> | RL JB Sp26/07 |
| Dock | <i>Rumex trianguivalvis</i> | PB/TR JB Je16/07 |

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| Great Water Dock | <i>Rumex</i> sp. | VPI PD My08/05 |
| Virginia Knotweed | <i>Tovara virginianum</i> | RSF/N JB Sp15/01 |
| Portulacaceae | | |
| Spring Beauty | <i>Claytonia virginica</i> | FCFPD My06/00 |
| Primulaceae | | |
| Fringed Loosestrife | <i>Lysimachia ciliata</i> | FCF/blf PD J101/01 |
| Moneywort | <i>Lysimachia nummularia</i> | ET WEN My17/01 |
| Pyrolaceae | | |
| Indian Pipe | <i>Monotropa uniflora</i> | HB nm/KD J126/04 |
| Ranunculaceae | | |
| White Baneberry | <i>Actaea pachypoda</i> | FCT/300 PD Au27/01 |
| Goutweed | <i>Aegopodium podagraria</i> | RSF |
| Canada Anemone | <i>Anemone canadensis</i> | RSF |
| Wood Anemone | <i>Anemone quinquefolia</i> | FCFPD My06/00 |
| Thimbleweed | <i>Anemone virginiana</i> | BCF |
| Virgin's Bower | <i>Clematis virginiana</i> | BCF PD Je18/00 |
| Round-lobed Hepatica | <i>Hepatica americana</i> | FCB/GF PD Myo6/00 |
| Small-flowered Crowfoot | <i>Ranunculus abortivus</i> | CP PD My03/09 |
| Tall Buttercup | <i>Ranunculus acris</i> | LM PD [P-lists] |
| Early Buttercup | <i>Ranunculus fascicularis</i> | RL WEN My17/01 |
| Hairy Buttercup | <i>Ranunculus hispidus</i> | RL PD [P-lists] |
| Cursed Crowfoot | <i>Ranunculus scleratus</i> | FCF PD My08/05 |
| Early Meadow Rue | <i>Thalictrum dioicum</i> | WR PD My05/01 |
| Tall Meadow Rue | <i>Thalictrum polygamum</i> | RSF PD Je18/00 |
| Hairy Meadow Rue | <i>Thalictrum pubescens</i> | RSF PD [P-lists] |
| Rhamnaceae | | |
| Common Buckthorn | <i>Rhamnus cathartica</i> | GF/FC KD Sp25/04 |
| Rosaceae | | |
| Tall Agrimony | <i>Agrimonia gryposepala</i> | BCF/LM PD J122/00 |
| Swamp Agrimony | <i>Agrimonia parviflora</i> | HL JB Je16/07 |
| Common Shadbush | <i>Amelanchier arborea</i> | GF/FC KD My/04 |
| Hawthorn | <i>Crataegus punctata</i> | RB JB Sp15/01 |
| Hawthorn | <i>Crataegus compacta</i> | FCF/LM JP Sp20/01 |
| Hawthorn | <i>Crataegus crus-galli</i> | FCF/LM JP Sp20/01 |
| Hawthorn | <i>Crataegus macracantha</i> | RB JP Sp20/01 |
| Hawthorn | <i>Crataegus mollis</i> | FCN JP Sp20/01 |
| Hawthorn | <i>Crataegus pringlei</i> | FC PD [P-lists] |
| Hawthorn | <i>Crataegus punctata</i> | BCT PD [P-lists] |
| Hawthorn | <i>Crataegus 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 |

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|--------------------------|---------------------------------------|---------------------|
| 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>Monochamus [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>Spirea 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 |

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|------------------------|---------------------------------|---------------------|
| 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 |
| 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] |
| Tiliaceae | | |
| American Basswood | <i>Tilia americana</i> | RSF/HB KD Oc16/00 |
| Ulmaceae | | |
| Hackberry | <i>Celtis occidentalis</i> | RSF KD JI01/00 |
| 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 JI22/00 |
| 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>Vitis riparia</i> | RSF KD [P-lists] |
| unplaced: | | |
| Common Buckthorn | <i>Rhamnus cathartica</i> | GF KD Sp25/04 |

MONOCOTYLEDONAE (115)

Order

Aristolochiaceae

Wild-ginger *Asarum canadense* FC PD [P-list]

Alismataceae

Common Arrowhead *Sagittaria latifolia* FC/br PD Au07/02

Common water Plantain *Alisma plantago-aquatica* BC/W PD Au07/02

Gramineae

Fowl Manna Grass *Glyceria striata* HB PD

Barnyard Grass *Echinochloa cusgalli* FC/br DT Sp14/02

Grass *Echinochloa c.f. muricata* LOC JB Sp15/01

Old Witch Grass *Panicum capillare* LOC JB Sp15/01

Cyperaceae

Sedge *Carex albursina* FCF pd/JB Je14/03

Sedge *Carex amphibola* H1 pd/JB Je14/03

Sedge *Carex aparganoides* LOC JB Sp26/07

Sedge *Carex aquatilis* RL

Sedge *Carex aurea* HL JB Je16/07

Carey's Sedge *Carex careyana* HBF/FC PD Je08/03

Carex *Carex bebbii* HL JB Je16/07

Sedge *Carex blanda* HB/S JB Je16/07

'Head Sedge' *Carex cephaloidea* LM pd/JB Je14/03

'Convolute Sedge' *Carex convoluta* H1/BCF pd/JB Je14/03

Sedge *Carex cristatella* LM PD J122/00

Emory's Sedge *Carex emoryi* RB/W JB Sp15/01

Umbrella Sedge *Carex erythrorhizos* LOC JB Sp26/07

Chufa: Umbrella Sedge *Carex esculentus* RL JB Sp26/07

Sedge *Carex granularis* LM PD [P-lists]

Gray's Sedge *Carex grayi* RL PD [P-lists]

'Little Wolf Sedge' *Carex lupulina* BC JB Sp15/01

Sedge *Carex hirtifolia* RSF JB Sp15/01

Sedge *Carex intumescens* RL PD [P-lists]

James' Sedge *Carex jamesii* HB JB Sp26/07

Sedge *Carex lupulina* BCF/BC PD [P-lists]

Sedge *Carex leptalea* 2BT JB Je16/07

Sedge *Carex molesta* HL JB Je16/07

'Normal Sedge' *Carex normalis* LM pd/JB Je14/03

Sedge *Carex pensylvanica* RSF JB Sp15/01

Sedge *Carex projecta* RSF JB Sp15/01

Sedge *Carex radiata* HB/S JB Je16/07

Sedge *Carex rosea* RSF/bnch JB Sp15/01

Inflated Sedge *Carex retrorsa* BCF/sw Je17/01

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|---------------------------|---------------------------------------|--------------------|
| Sedge | <i>Carex spicata</i> | HL JB Je16/07 |
| Sedge | <i>Carex sparganioides</i> | HB JB Sp26/07 |
| 'Sponge Grass' | <i>Carex sponganioides</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>Artemisia 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 J101/01 |
| 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 |

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|---------------------------|-----------------------------------|---------------------|
| Iridaceae | | |
| Stout Blue-eyed grass | <i>Sisyrinchium angustifolium</i> | LM/FCF PD J105/00 |
| Yellow Flag | <i>Iris pseudocorus</i> | RL PD Je07/01 |
| Wild Blue Flag | <i>Iris versicolor</i> | BCT PD [P-lists] |
| Smilacaceae | | |
| Carrion Flower | <i>Smilax herbacea</i> | FC/GF kd/PD Je02/11 |
| 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 virginicus</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 |
|---------------|--------------------------------|---------------|

SPHENOPHYTA (1)**Equisetaceae**

| | | |
|-----------------|--------------------------|---------------|
| Field Horsetail | <i>Equisetum arvense</i> | RB PD Au09/04 |
|-----------------|--------------------------|---------------|

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</i> sp. | TRT KD Nv01/04 |
|---------------------|----------------|

HYPNOBRYALES

Leskeaceae

| | |
|--|------------------|
| <i>Leskea polycarpa</i> | LOC JB Je16/07 |
| ‘Tiny Rope Moss’ <i>Leskea gracilescens</i> | GF/FC JB Sp24/10 |

Brachytheciaceae

| | |
|---------------------------------|----------------|
| <i>Brachythecium reflexum</i> | LOC JB Je16/07 |
| <i>Brachythecium salibrosum</i> | LOC JB Je16/07 |

LEUCODONTALES

Anomodontaceae

| | | |
|---------------|---------------------------|-----------------|
| Anomodon moss | <i>Anomodon rostratus</i> | WR/W JB Mr25/10 |
|---------------|---------------------------|-----------------|

HYPNALES

Hypnaceae

| | | |
|-------------|---------------------------|-------------------|
| Hypnum moss | <i>Hypnum Lindberghii</i> | HB/W JB Mr25/10om |
|-------------|---------------------------|-------------------|

UNPLACED:

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

MARCHANTIOPHYTA (3)

MARCHANTIOPSIDA

JUNGERMANNIOPSIDA

PORELLALES

Jubulaceae

| | | |
|--------------------------|-------------------------------|-----------------|
| 'Small Helmet Liverwort' | <i>Frullania emboracensis</i> | HB/E JB Sp24/10 |
| 'Big Helmet Liverwort' | <i>Frullania oakesiana</i> | HB/E JB Sp24/10 |

RADULALES

Radulaceae

| | | |
|-----------------------|--------------------------|----------------|
| 'Redheaded Liverwort' | <i>Radula complanata</i> | BCT JB Sp24/10 |
|-----------------------|--------------------------|----------------|

PTERIDOPHYTA (4)

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

*rare

EUBACTERIA (16)

| Common name | Scientific name | Locale/by/date |
|-----------------------|--------------------------------------|----------------|
| Crown Gall of Hickory | [<i>Agrobacterium tumefaciens</i>] | HB Fb17/02 KD |
| 'Flexirods' | Elongate swimming bacillus | FC KD Au13/04 |
| | Swimming Filamentous Bacterium | BCF KD Nv26/04 |
| Filamentous cocci | filamentous cocci* (1-1.5 μ dia) | VP3 KD Dc27/06 |
| Vibrio | motile vibrio (1-2 μ dia) | VP3 KD Dc27/06 |
| Filamentous bacillus | filam. bac. (1 μ x arb. long) | VP3 KD Dc27/06 |

CYANOPHYTA

| | | |
|-------------------|------------------------------------|------------------|
| Anabaena | <i>Anabaena</i> sp. | VP4 KD My09/08 |
| 'Greenpatch Alga' | <i>Cylindrospermum [catenatum]</i> | LM KD My10/11 |
| Nodularia | <i>Nodularia [spumigena]</i> | BC/ET KD Ap10/02 |
| 'Nostoc Lettuce' | <i>Nostoc [Linckia]</i> | HP GT My29/05 |

| | | |
|---------------------------|---------------------------------|------------------|
| Oscillatoria | <i>Oscillatoria angusta</i> | FC/Rp KD Sp16/07 |
| ‘Dark Oscillatoria’ | <i>Oscillatoria nigra</i> | TR KD Oc10/10 |
| Oscillatoria | <i>Oscillatoria [subbrevis]</i> | FC/Br KD Je16/07 |
| ‘Bent-head Oscillatoria’ | <i>Oscillatoria tenuis</i> | TR KD Oc10/10 |
| ‘Refractive Oscillatoria’ | <i>Oscillatoria limnetica</i> | FC/LR KD Oc24/10 |
| ‘Green Anabaena’ | <i>Anabaena torulosa</i> | VP/HB KD Mr02/11 |

PROTISTA*(165)

*organization follows Margulis et al (1990)

| Common name | Scientific name | Locale/by/date |
|------------------------|-----------------------------|------------------|
| RHIZOPODA | | |
| FILORETICULOSEA | | |
| Filida | | |
| Cyphoderiidae | | |
| Cyphoderia | <i>Cyphoderia ampulla</i> | VP KD Ap10/09 |
| LOBOSEA | | |
| Amoebida | | |
| Thecamoebidae | | |
| | <i>Thecamoeba</i> sp. | BC KD Mr29/02 |
| Striamoebidae | | |
| Striate Amoeba | <i>Striamoeba striatus</i> | FC KD Au13/04 |
| Paramoebidae | | |
| Mayorella | <i>Mayorella cultura</i> | THR KD Oc22/00 |
| Saccamoeba | <i>Saccamoeba</i> sp. | FCR KD Nv02/00 |
| Arcellidae | | |
| ‘Common Arcella’ | <i>Arcella vulgaris</i> | VP4 KD My09/08 |
| ‘Crenelated Arcella’ | <i>Arcella gibosa</i> | BCF KD Nv29/09 |
| ‘Ball Diffflugia’ | <i>Diffflugia globulosa</i> | BC Mr29/02 KD |
| ‘Urn Diffflugia’ | <i>Diffflugia oblonga</i> | BCF KD Nv26/04 |
| unplaced | | |
| ‘Star Amoeba’ | <i>Dactylamoeba stella</i> | VP3 KD Dc27/06 |
| ‘Digitate Amoeba’ | <i>Vexillifera</i> sp. | FC/LR KD Oc24/10 |
| ‘Slug Amoeba’ | <i>Vahlkampfia</i> sp. | VP/HB KD Ap07/11 |

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*]

Desmidiiales**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

ZOOMASTIGINA**KINETOPLASTEA****Bodonida****Bododinidae**

‘Jumping Jack’ *Bodo saltans* VP2 KD Ap27/08
(*Pleuromonas jaculans*)

unplaced:

‘Petal Flagellate’

[*Petalomonas*] sp.

FC/LR KD Oc24/10

EUGLENOPHYTA (classification after Leedale (1967))**Euglenales**

| | | |
|------------------|----------------------------|-------------------|
| | <i>Euglena deses</i> | BC KD Mr29/02 |
| | <i>Euglena pisciformis</i> | BC KD Ap10/02 |
| | <i>Euglena rostifera</i> | BC KD Mr29/02 |
| | <i>Astasia dangeardi</i> | BC KD Ap10/02 |
| ‘Pigtail Phacus’ | <i>Phacus curvicauda</i> | BCF/VP KD Nv26/04 |
| ‘Mini-phacus’ | <i>Phacus [caudatus]</i> | LR/FC KD Oc24/10 |
| | <i>Trachelomonas</i> sp. | BCS KD Oc27/00 |

Sphenomonadales

| | | |
|--|---------------------------|---------------|
| | <i>Anisonema [acinus]</i> | BC KD Ap10/02 |
|--|---------------------------|---------------|

Heteronematales

| | | |
|--|------------------------------|----------------|
| | <i>Peranema trichophorum</i> | TR KD Oc10/10 |
| | <i>Urceolus cyclostomus</i> | FCR KD Nv02/00 |

ACTINIPODA

| | | |
|-----------------|------------------------|----------------|
| ‘Sun Actinopod’ | <i>Actinophrys sol</i> | BCS KD Oc27/00 |
| | | FCR KD Nv02/00 |

DINOFLAGELLEA

| | | |
|----------------|----------------------------|---------------|
| Dinoflagellate | <i>Glenodinium cinctum</i> | BC KD Mr29/02 |
|----------------|----------------------------|---------------|

CHRYSOPHYTA**Tribonematales****Tribonemataceae**

| | | |
|-----------|-----------------------------|----------------|
| Tribonema | <i>Tribonema bombycinum</i> | VP2 KD Ap27/08 |
|-----------|-----------------------------|----------------|

Ochromonadales**Ochramonadaceae**

| | | |
|-----------|-------------------------|---------------|
| Syncrypta | <i>Syncrypta volvox</i> | FC KD Je06/02 |
|-----------|-------------------------|---------------|

Dynobryaceae

| | | |
|-----------|-----------------------------|---------------|
| Dinobryon | <i>Dinobryon sertularia</i> | BC KD Ap10/02 |
|-----------|-----------------------------|---------------|

Synuraceae

| | | |
|--------|----------------------|----------------|
| Synura | <i>Synura uvella</i> | FCR KD Nv02/00 |
|--------|----------------------|----------------|

MYXOMYCOTA

Echinosteliales

Enteridiaceae

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

Physerales

Didymiaceae

| | | |
|--------------------|---------------------------|----------------|
| 'White Fuzz Slime' | <i>Mucilago crustacea</i> | RSF/HB Oc23/01 |
|--------------------|---------------------------|----------------|

Physeraceae

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

Trichiales

Trichiaceae

| | | |
|---------------|-------------------------|-------------------|
| 'Pixie Trees' | <i>Arcyria cinerea</i> | RSF KD JI07/00 |
| '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 |
|---|--|---------------|

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 |
|---------------------------|---------------|

SPIROTRICHEA

Heterotrichida

Blepharismidae

| | |
|--------------------------|-------------------|
| <i>Blepharisma steni</i> | BCF/VP KD Dc03/04 |
|--------------------------|-------------------|

Spirostomidae

| | | |
|-----------------------|------------------------------|---------------|
| 'Slender Spirostomum' | <i>Spirostomum [loxodes]</i> | TR KD Nv29/09 |
|-----------------------|------------------------------|---------------|

Oligotrichida

Haleriidae

‘Jumping Jack’

Halteria grandinella

BCF KD Nv29/09

Stichotrichida

Urostylidae

[*Uroleptus longicaudus*]

THR KD Oc22/00

Spirofilidae

‘Acuminate Hypotrich’

[*Strongylidium*] sp.

TR KD Je24/10

Oxytrichidae

“Glass Sandals”

Onychodromus grandis

FC KD Oc25/08

Hypotrich

Oxytricha fallax

THR KD Oc22/00

‘Hairy Oxytricha’

Oxytricha setigera

TR KD Sp28/04

‘Small Oxytrich’

Oxytricha ludibunda

FC/LR KD Oc24/10

Hypotrich

Stylonychia mytilus

THR KD Oc22/00

unplaced:

‘Smooth Aspidisca’

Aspidisca [lynceus]

FC/LR KD Oc24/10

Choreotrichida

Strobiliidae

Strobilidium gyrans

BC KD Mr29/02

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

Suctorina (sClass)

Suctorian *Podophrya fixa* LR/FC KD Oc24/10

Chlamydodontida

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

| | | |
|----------------------------|-------------------------------|----------------|
| | <i>Vorticella campanula</i> | THR KD Oc22/00 |
| 'Yellow Vorticella' | <i>Vorticella convallaria</i> | TR KD Sp28/04 |
| 'Small-mouthed Vorticella' | <i>Vorticella microstoma</i> | TR KD Nv29/09 |

Stentoridae

| | | |
|----------------|---------------------------------|----------------|
| Stentor | <i>Stentor</i> sp. A (sm/clrls) | THR KD Oc22/00 |
| 'Red Stentor' | <i>Stentor igneus</i> | VP# KD Dc21/06 |
| Stentor | <i>Stentor polymorphus</i> | VP2 KD Ap27/08 |
| 'Blue Stentor' | <i>Stentor Coeruleus</i> | VP2 KD Ap27/08 |

Mobilida

COLPODEA

Colpodida

Colpodidae

| | | |
|--------------------|-----------------------------|------------------|
| 'Bigmouth Colpoda' | <i>Colpoda cucullus</i> | FC/LR KD Nv14/10 |
| | <i>Tillina [canalifera]</i> | LM KD Nv29/09 |

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

unplaced:

| | | |
|---------------------|-----------------------|------------------|
| 'Giant Loxodes' | <i>Loxodes magnus</i> | FC/LR KD Oc24/10 |
| 'Noneck Spathidium' | <i>Spathidium</i> sp. | FC/LR KD Oc24/10 |

BACILLARIOPHYTA

Centrales

| | | |
|--|---------------------------|----------------|
| | <i>Melosira granulata</i> | VP2 KD Ap27/08 |
| | <i>Melosira varians</i> | THR KD Oc22/00 |

Pennales

| | | |
|---------------------------|--------------------------------|-------------------|
| | <i>Amphora</i> sp. A (20mu) | BCS KD Oc27/00 |
| 'Oval Amphora' | <i>Amphora ovalis</i> | FC/LR KD Je03/10 |
| 'Saddle Diatom' | <i>Campylodiscus hibernica</i> | FC/LR KD Nv01/10 |
| 'Capitate Caloneis' | <i>Caloneis amphisbaena</i> | BCF/VP KD Nv26/04 |
| Filament Rider' | <i>Cocconeis pediculus</i> | FC/LF KD Oc24/10 |
| | <i>Cymatopleura solea</i> | FCR KD Nv02/00 |
| 'Straight-sided Cymbella' | <i>Cymbella affinis</i> | FC/LR KD Nv14/10 |
| 'Bellied Cymbella' | <i>Cymbella [cuspidata]</i> | FC/LR KD Nv14/10 |
| | <i>Cymbella tumida</i> | FCR KD Nv02/00 |
| | <i>Diatoma elongatum</i> | TR KD Oc22/00 |
| | <i>D. vulgare</i> | FCR KD Nv02/00 |

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

CHLOROPHYTA

Chlorococcales

Chlorococcaceae

| | | |
|-----------------|--------------------------------|------------------|
| | <i>Bracteacoccus</i> sp. | TR KD Oc22/00 |
| | <i>Bulbochaete</i> sp. | BC KD Mr29/02 |
| | <i>Characium [debaryanum]</i> | BC KD Mr29/02 |
| | <i>Chlorococcum aquaticum</i> | BC/ET KD Ap10/02 |
| ‘Beach Buttons’ | <i>Chlorococcum humicola</i> | MB KD J120/09 |
| | <i>Cladophora glomerata</i> | FCR KD Nv02/00 |
| ‘Treegreen’ | <i>Desmococcus viridis</i> | RSF KD Oc20/09 |
| | <i>Entransia</i> sp. | VP2 KD Ap27/08 |
| | <i>Oedogonium</i> sp. | BC KD Mr29/002 |
| | <i>Palmodictyon varium</i> | BC/ET KD Ap10/02 |
| | <i>Scenedesmus quadricauda</i> | TR KD Oc22/00 |
| | <i>Ulothrix cylindricum</i> | TR KD Oc22/00 |

| | | |
|--------------------|-------------------------------|------------------|
| ‘Boxed Ulothrix’ | <i>Ulothrix [tenuissima]</i> | FC/LR KD Nv01/10 |
| ‘Swollen Ulothrix’ | <i>Ulothrix subconstricta</i> | VP/HB KD Ap02/11 |
| ‘Zoned Ulothrix’ | <i>Ulothrix [zonata] sp.</i> | FC/LR KD Oc24/10 |

Hydrodictyaceae

| | | |
|------------|--------------------------|----------------|
| Pediastrum | <i>Pediastrum duplex</i> | VP4 KD My16/08 |
|------------|--------------------------|----------------|

Chlamydomonadaceae

| | | |
|------------------|--------------------------------|---------------|
| ‘Red Paint Alga’ | <i>Haematococcus lacustris</i> | TS KD Dc11/04 |
|------------------|--------------------------------|---------------|

Microsporales

Microsporaceae

| | | |
|-------------------|--------------------------------|------------------|
| ‘Mini-microspora’ | <i>Microspora* [stagnorum]</i> | VP/HB KD Mr02/11 |
|-------------------|--------------------------------|------------------|

ANIMALIA (865)

| Common name | Scientific name | Locale/by/date |
|-------------|-----------------|----------------|
|-------------|-----------------|----------------|

NEMATOMORPHA [1]

| | | |
|----------------------|----------------|------------------|
| ‘Pale Gordian Worm’* | Cl. Gordioidea | LM pd/KD Je19/06 |
|----------------------|----------------|------------------|

PLATYHELMINTHES [3]

TURBELLARIA

Rhabdocoela

Dalyelliidae

| | | |
|------------------|----------------------------|-----------------|
| ‘Green Flatworm’ | <i>Dalyellia [viridis]</i> | VP3 KD Ap24./08 |
|------------------|----------------------------|-----------------|

Tricladida

Planariidae

| | | |
|------------------|----------------------------|----------------|
| ‘Brown Flatworm’ | <i>Hymanella retenuova</i> | VP3 KD Ap27/08 |
|------------------|----------------------------|----------------|

Kalyptorhynchia

| | | |
|-------------------|--------------------------------|----------------|
| ‘Stylet Flatworm’ | <i>Gyratrix hermaphroditus</i> | VP4 KD My09/08 |
|-------------------|--------------------------------|----------------|

GASTROTRICHA [1]

| | | |
|--|------------------------|------------------|
| | <i>Chaetonotus sp.</i> | BC/ET KD Ap10/02 |
|--|------------------------|------------------|

ROTIFERA [15]

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

MOLLUSCA [38]

Pelecypoda

Corbiculidae

| | | |
|-----------------|--------------------------|-------------------|
| Fingernail Clam | <i>Musculium securis</i> | BCF/VP RB Je23/04 |
| Fingernail Clam | <i>Pisidium</i> sp. | BCF/VP RB Je23/04 |
| Fingernail Clam | <i>Sphaerium</i> sp. | BCF/VP RB Je23/04 |

Unionidae

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

Arionidae

Slug *Arion* sp. RSF

Endodontidae

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

Polygyridae

Whitelip Globe *Mesodon thyroidus* (S5) RSF KD

Slitmouth Snail *Stenotrema leai* (S-) RSF KD JI01/00

Northern Three-tooth *Triodopsis tridentata* RSF KD JI01/00

‘Golden Polygyrid’ [*Triodopsis*] sp. (see below) BCF KD JI07/00

Helicidae

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

Lymnaidae

Mammoth Lymnaea *Bulimnea megasoma* (S3) FC KD JI05/00

Common Stagnicola *Stagnicola elodes* BCF/KD/My08/04

Physidae

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

Pleuroceridae

Flat-sided Horn Snail *Pleurocera acuta* (S2?) TR/CI gj/KD JI08/01

Great Lakes Horn Snail *Goniobasis livescens* (S-) TR/CI gj/KD JI08/01

Planorbidae

Two-ridged Ramshorn *Helisoma anceps* FC KD Au26/08

Discidae

‘Archimedes Snail’ *Discus [patulus]* BCT KD JI18/10

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 [582]

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 |
|-------------------|-----------------------------|------------------|

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 | <i>Bryocamptus</i> sp. | BCS KD Oc27/00 |
| Candoniid copepod | | BCS KD Oc27/00 |
| ‘Common Pond Cyclops’ | <i>Eucyclops</i> sp. | VPB KD My20/10 |

Branchiopoda

| | | |
|--------------|--------------------------------|-------------------|
| Fairy Shrimp | <i>Thamnocephalus</i> sp. | BC KD Ap10/02 |
| Cladocera | Ord. Cladocera | BCF/VP KD Nv26/04 |
| Fairy Shrimp | <i>Eubbranchippus vernalis</i> | BCF/BC KD Mr22/05 |

Isopoda

| | | |
|----------------------|----------------------------|------------------|
| ‘Three-lined Sowbug’ | <i>Trachelipus rathkii</i> | RSF/S KD Je09/11 |
|----------------------|----------------------------|------------------|

ARACHNIDA [39]

Order

| | | |
|--------------------------|-----------------------------------|---------------------|
| Theridiidae | | |
| Cobweb Spider | <i>Enoplognatha ovata</i> | FC/GF KD Au11/11 |
| Linyphiidae | | |
| Small Line Weaver | <i>Microneta</i> sp. | RL nz/KD Au11/05 |
| Hammock Spider | <i>Pityohyphantes costatus</i> | BC/ET ec/KD Au29/10 |
| Araneidae | | |
| Garden Spider | <i>Araneus diadematus</i> | FCT100 KD Sp09/01 |
| 'Small Orb Weaver' | <i>Araneus [miniatus]</i> | GF KD J102/05 |
| Marbled Orb Weaver | <i>Araneus marmoreus</i> | ET nm/KD Sp09/01 |
| Shamrock Spider | <i>Araneus trifolium</i> | Loc SC Au01 (?) |
| Black-and-Yellow Argiope | <i>Argiope argentata</i> | |
| Spined Micrathena | <i>Micrathena gracilis</i> | FCT 1400 KD Au30/03 |
| Arrow-shaped Micrathena | <i>Micrathena sagittata</i> | FCT 10 KD J131/05 |
| Hentz's Orb Weaver | <i>Neoscona crucifera</i> | Tr pd/Kd Au24/09 |
| Spotted Orb Weaver | <i>Neoscona domicillorum</i> | GF pd/KD Sp17/05 |
| Tetragnathidae | | |
| Orchard Spider | <i>Laucage venusta</i> | RB KD Au12/08 |
| 'Striped Orb Weaver'* | <i>Tetragnatha [straminea]</i> | FC pd/KD |
| Long-jawed Orb Weaver | <i>Tetragnatha versicolor</i> | RL nz/KD Au11/05 |
| Agelenidae | | |
| Grass Spider | <i>Agelenopsis pennsylvanica</i> | RL nz/KD Au21/05 |
| Lycosidae | | |
| Wolf Spider | <i>Lycosa helluo</i> | LM KD Au13/04 |
| Carolina Wolf Spider** | <i>Hogna carolinensis</i> | HP hh/TM Sp06/03 |
| 'Checkered Wolf Spider' | <i>Pardosa [milvina]</i> | Nk KD Au26/10 |
| Gnaphosidae | | |
| Eastern Parson Spider | <i>Herpyllus ecclesiasticus</i> | Tr pd/KD Au11/11 |
| Clubionidae | | |
| Ant-mimic Spider | [<i>Castianeira</i>] sp. | Tr KD Ap20/08 |
| Small Grass Spider | <i>Trachelas tranquillus</i> | RL nz/KD Au21/05 |
| Tiny Clubionid | <i>Trachelas [deceptus]</i> | RL nz/KD Au21/05 |
| Thomisidae | | |
| Goldenrod Crab Spider | <i>Misumena vatia</i> | LM hp/KD J129/06 |
| Whitebanded Crab spider | <i>Misumenoides formosipes</i> | GF/LM KD Au12/10 |
| Salticidae | | |
| Tan Jumping Spider | <i>Metacyrba undata</i> | Tr KD Sp10/09 |
| 'Pale Jumping Spider' | <i>Metaphidippus [flavipedes]</i> | BC/ET ec/KD Au29/10 |
| Audacious Jumping Spider | <i>Phiddipus audax</i> | 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 |
| Anystidae | | |
| ‘Red Runner Mite’ | [<i>Anystis</i> sp.] | GF/Nk KD Au06/11 |
| 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 (529) | | |
| 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 | | |
| N. Green-striped Grasshopper | <i>Chortophaga viridifasciata</i> | LM KD J119/11 |
| 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 |

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|---------------------------|---|------------------|
| 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 | <i>Isoperla</i> sp. | RL nz/KD Au11/05 |
| Capniidae | | |
| Small Winter Stonefly | <i>Allocaenia</i> [<i>pygmaea</i>] | LM KD Ja14/01 |
| unplaced | | |
| Summer Stonefly | <i>Classinea subulosa</i> | MB SM J130/09 |
| Note stonefly (?)larva | Order Plecoptera | FC/LR KD Nv01/10 |
| Dermaptera | | |
| Forficulidae | | |
| Spine-tailed Earwig | <i>Doru aculeatum</i> | LM nz/KD J131/05 |
| European Earwig | <i>Forficula auricularis</i> | LM/BCF KD Au?/03 |
| Hemiptera | | |
| Belostomatidae | | |
| American Toe-biter | <i>Lethocerus americanus</i> | HP nh/KD Ap/01 |
| Gerridae | | |
| Water Strider | <i>Gerris</i> sp. | FC/br KD Sp15/01 |
| Lygaeidae | | |
| Large Milkweed Bug | <i>Oncopeltus fasciatus</i> | UM/Rd KD Sp05/10 |
| Miridae | | |
| ‘Electric Plant Bug’ | <i>Cylapus tenuicornis</i> | NF SM J130/09 |
| ‘Transparent Mirid’ | <i>Hyaliodes vitripennis</i> | LM nz/KD J118/05 |
| ‘Small Black Mirid’ | [<i>Halticus</i>] Sp. | RL nz/KD J118/05 |
| Tarnished Plant Bug | <i>Lygus lineolaris</i> | LM KD J126/04 |
| Tarnished Plant Bug | <i>Lygus lineolaris</i> var. <i>strigulatus</i> | LM nz/KD J118/05 |
| Meadow Plant Bug | <i>Miris dolobratus</i> | LM pd/KD Je15/04 |
| ‘Black Angel Bug’ | <i>Neoborus pubescens</i> | LM nz/KD J118/05 |

| | | |
|-----------------------------|----------------------------------|--------------------|
| Four-lined Plant Bug | <i>Poecilocapsus lineata</i> | 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 | <i>Systemloderes</i> sp. | RL nz/KD J131/05 |
| Phymatidae | | |
| Euphorbia Bug | <i>Charlesterus antennator</i> | LM KD J121/05 |
| Pennsylvania Ambush Bug | <i>Phymata pennsylvanica</i> | LM KD J128/04 |
| Nabidae | | |
| Common Damsel Bug | <i>Nabis americanoferus</i> | RL nz/KD Au11/05 |
| Coreidae | | |
| Leaf-footed Bug | <i>Acanthocephala terminatus</i> | HBF nm/KD Oc27/00 |
| 'Brown-tailed Coreid' | <i>Acanthocephala terminalis</i> | GF/FC KD Au22/10 |
| Reduviidae | | |
| 'Gold Assassin Bug' | <i>Zelus luridus</i> | GF KD Au26/10 |
| Rhopalidae | | |
| Eastern Boxelder Bug | <i>Leptocoris trivittatus</i> | Tr KD Oc05/03 |
| Pentatomidae | | |
| Green Stink Bug | <i>Acrosternum hilare</i> | LM/tr KD J118/01 |
| 'Red-tailed Stink Bug' | <i>Apateticus bracteata</i> | NF SM J130/09 |
| 'Orange-legged Stink Bug' | <i>Apateticus cynicus</i> | HB/bnch SC Oc18/03 |
| Dimidiata Stink Bug | <i>Banasa dimidiata</i> | HP KD J112/01 |
| Twice-stabbed Stink Bug | <i>Cospmopepla bimaculata</i> | 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 | <i>Uroleucon ambrosiae</i> | 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’ *Patrobis [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

Round-necked Burying Beetle *Nicrophorus orbicollis* GF/FC PD J118/03

Gold-necked Burying Beetle *Nicrophorus tomentosus* Tr KD Sp11/04

Ridged Carrion Beetle* *Oiceoptoma inaequale* Nk KD Ap07/11

American Carrion Beetle *Silpha americana* FCN KD My20/01

Staphylinidae

‘Dappled Rove Beetle’ [*Ontholestes cingulatus*] RL nz/KD Au21/05

Blue-winged Rove Beetle *Philonthus cyanipennis* RL nz/KD Au21/05

‘Large Rove Beetle’ *Staphylinus* sp. LM KD Au20/03

‘Hairy Rove Beetle’ *Staphylinus maxillosus* LM KD Au20/03

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|------------------------------|--------------------------------------|---------------------|
| ‘Handgrip Rove Beetle’ | <i>Stenus</i> sp. | NF SM J130/09 |
| ‘Yellow-bellied Rove Beetle’ | <i>Trypferus frison</i> | NF SM J130/09 |
| Histeridae | | |
| Short Hister Beetle | <i>Hister abbreviatus</i> | LM KD Au20/03 |
| Scarabaeidae | | |
| 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 |
| ‘Four-striped Flower Beetle’ | <i>Trichiotinus affinus</i> | LM KD J119/11 |
| Hairy Flower Beetle | <i>Trichiotinus piger</i> | GF/ER KD J105/09 |
| Dung Beetle | Fam Scarabaeidae | 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 | | |
| Emerald Ash Borer | <i>Agrilus planipennis</i> | RSF KD Je29/11 |
| 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 |
| Lycidae | | |
| Banded Net-winged Beetle | <i>Calopteron reticulatum</i> | LM/GF KD J127/11 |
| 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 |

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|---|---|-----------------------|
| 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 velutinus</i> | LM KD Au06/11 (SM 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’ | Bruchidae 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

Limnephilidae

| | | |
|-----------------------|--------------------------|-------------------|
| 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 J105/00 |
| Giant Swallowtail | <i>Papilio cressphontes</i> | BCF PD Au20/00 |
| E. Tiger Swallowtail | <i>Papilio glaucus</i> | FCF AW J105/00 |

Pieridae

| | | |
|-----------------|-------------------------|------------------|
| Little Yellow | <i>Eurema lisa</i> | RL MA J103/10 |
| Mustard White | <i>Pieris oleracea</i> | LM J118/05 nz/KD |
| Cabbage White | <i>Pieris rapae</i> | M AW J105/00 |
| Clouded Sulphur | <i>Colias philodice</i> | LM PD J122/00 |
| 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 J106/03 |
| Hickory Hairstreak | <i>Satyrium caryaevorum</i> | GF BP J106/03 |
| Coral hairstreak | <i>Satyrium titus</i> | LM/ER PD Je30/07 |
| Eastern Tailed Blue | <i>Everes comyntas</i> | RL AW J105/00 |
| Spring Azure | <i>Celestrina ladon</i> | LM PD My06/00 |
| Summer Azure | <i>Celastrina neglecta</i> | ET PD J118/01 |

Libytheidae

| | | |
|--------------------------|-----------------------------|---------------|
| American Snout Butterfly | <i>Libytheana carinenta</i> | RL PD J128/04 |
|--------------------------|-----------------------------|---------------|

Nymphalidae

| | | |
|---------------------------|---------------------------|------------------|
| Hackberry Emperor | <i>Asterocampa celtis</i> | ET jn/GP J102/05 |
| Tawny Emperor | <i>Asterocampa clyton</i> | LM PD J102/05 |
| Aphrodite Fritillary | <i>Speyeria aphrodite</i> | RL nz/KD Sp05/05 |
| Great Spangled Fritillary | <i>Speyeria cybele</i> | LM PD J101/01 |
| Meadow Fritillary | <i>Boloria bellona</i> | LM PD J122/00 |
| Silvery Checkerspot | <i>Chlosyne nycteis</i> | RL PD J101/00 |
| Baltimore Checkerspot | <i>Euphydryas phaeton</i> | LM MP J106/03 |

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|------------------------------|---|---------------------|
| Milbert's Tortoiseshell | <i>Nymphalis milberti</i> | ER/Cps KD Au15/09 |
| Pearl Crescent | <i>Phyciodes tharos</i> | RL AW J105/00 |
| 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 J105/09 |
| 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 J105/00 |
| Satyridae | | |
| Eyed Brown | <i>Satyrodes eurydice</i> | ET PD Au05/00 |
| Little Wood Satyr | <i>Megisto cymela</i> | FCF PD J101/01 |
| 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 J101/01 |
| 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 |
| Pyralidae | | |
| European Corn Borer | <i>Ostrinia nubilalis</i> [reclassified to Cambridae?] | RB KD J131/11 |
| 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>Eumorpha 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 |

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|-------------------------------|----------------------------------|-------------------|
| One-eyed Sphinx | <i>Smerinthus cerisyi</i> | BCF wc/KD Je10/09 |
| Hermit Sphinx Moth | <i>Sphinx 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> | |
| Bombycidae | | |
| Spotted Apatelodes | <i>Apatelodes torrefacta</i> | GF/Nk KD Au12/11 |
| Apatelodidae | | |
| Fall Webworm | <i>Hyphantria cunea</i> | LM dc/KD Au11/11 |
| Arctiidae | | |
| Tiger Moth | <i>Apantesis</i> sp. | UM/ER KD Je10/01 |
| Yellow-collared Scape Moth | <i>Ciseps 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 | <i>Harrisimemna tristigmata</i> | RL J131/05 nz/KD |
| Noctuinae | | |
| Finland Dart | <i>Actebia fennica</i> | RL nz/KD Au11/05 |
| Venerable Dart | <i>Agrotis venerabilis</i> | LM nz/KD J131/05 |
| Pale-banded Dart | <i>Euxoa badinodis</i> | RL nz/KD Au11/05 |
| Rubbed Dart | <i>Euxoa detersa</i> | LM nz/KD J131/05 |
| Divergent Dart | <i>Euxoa divergens</i> | LM J131/05 nz/KD |
| Reaper Dart | <i>Euxoa [messaria]</i> | RL nz/KD Au11/05 |

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| Polished Dart | <i>Euxoa perpolita</i> | LM J118/05 nz/KD |
| Fillet Dart | <i>Euxoa redimicula</i> | HP nh/KD Sp15/05 |
| Dingy Cutworm Moth | <i>Feltia jaculifera</i> | LM SC Au13/02 |
| ‘European Underwing’ | <i>Noctua pronuba</i> | CP KD Je21/09 |
| Brown-collared Dart | <i>Protolampra bunneicollis</i> | LM J131/05 nz/KD |
| Hadeninae | | |
| Achatia Moth | <i>Achatia [distincta]</i> | Loc SC Au13/02 |
| Olive Arches | <i>Lacinipolia olivacea</i> | RL nz/KD J131/05 |
| Bridled Arches | [<i>Lacinipolia lorea</i>] | RL nz/KD Au21/05 |
| Small Brown Quaker | <i>Pseudorthodes vecors</i> | RL nz/KD Au11/05 |
| Signate Quaker | <i>Tricholita signata</i> | KD Tr J124/06 |
| Cuculliinae | | |
| Asteroid Moth | <i>Cucullia asteroides</i> | NK KD Sp24/05 |
| Brown-hooded Owlet | <i>Cucullia convexipennis</i> | LM J131/05 nz/KD |
| Amphipyrenae | | |
| Ignorant Apamea | <i>Apamea indocilis</i> | LM nz/KD J131/05 |
| Three-lined Balsa | <i>Balsa [tristigella]</i> | LM nz/KD J131/05 |
| The Gold Moth | <i>Basilodes pepita</i> | Loc SC Au13/02 |
| Verbena Moth | <i>Crambodes taliformis</i> | RL nz/KD Au21/05 |
| Gray Half-spot | <i>Nedra ramosula</i> | LM J118/05 nz/KD |
| Black-banded Brocade | <i>Oligia [modica]</i> | RL nz/KD Au21/05 |
| Dusky Groundling | <i>Platysenta vecors</i> | RL nz/KD J131/05 |
| Common Groundling | <i>Platysenta videns</i> | LM J131/05 nz/KD |
| Armyworm Moth | <i>Spodoptera dolichos</i> | Tr KD Au14/06 |
| Agaristinae | | |
| Eight-spotted Forester | <i>Alypia octomaculata</i> | KD Tr J121/06 |
| Heliothinae | | |
| Acontiinae | | |
| Nolinae | | |
| Sarrothripinae | | |
| Euteliinae | | |
| Plusiinae | | |
| Common Looper | <i>Autographa precationis</i> | LM nz/KD J131/05 |
| Gray Looper Moth | <i>Rachiplusia ou</i> | LM nz/KD J131/05 |
| Catocalinae | | |
| Short-lined Chocolate Moth | <i>Argyrostroma anilis</i> | BCF/E sc/KD Je16/07 |
| Vetch Looper Moth | <i>Caenurgina chloropha</i> | LM nz/KD J131/06 |
| Forage Cabbage Looper | <i>Caenurgina erectea</i> | LM/HBF KD |
| The Penitent Moth | <i>Catocala piatrix</i> | Loc SC Au13/02 |
| Praeclara Underwing | <i>Catocala praeclara</i> | Loc SC Au13/02 |
| Catocaline Moth | <i>Catocala [fratercula]</i> | Loc SC Au13/02 |
| Maple Zale | <i>Zale galbanata</i> | 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? Erebidae) | | |
| 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>Calocythis amaturaria</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 |
| Confused Eusarca Moth | <i>Eusarca confusaria</i> | RZ KD Je19/11 |
| 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>Xanthotype sospeta</i> | ET/VP KD Je29/09 |
| False Crocus Geometer | <i>Xanthotype 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 |
| Pyralidae | | |
| 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 J131/05 |
| *uncommon | | |

Mecoptera

Bittacidae

| | | |
|---------------------|---------------------------|---------------|
| Bristled Hangingfly | <i>Bittacus strigosus</i> | NF SM J130/09 |
|---------------------|---------------------------|---------------|

Meropeidae

| | | |
|------------|---------------------|------------------|
| Earwigfly* | <i>Merope tuber</i> | RL Au31/05 nz/KD |
|------------|---------------------|------------------|

Panorpidae

| | | |
|-------------|----------------------------|----------------|
| Scorpionfly | <i>Panorpa claripennis</i> | Loc SC Je16/07 |
| *rare | | |

Psocoptera

Lepidopscoptera

| | | |
|---------------------------|----------------------|------------------|
| ‘Spear-winged Barklouse’* | fam. Lepidopscoptera | RL nz/KD J131/05 |
|---------------------------|----------------------|------------------|

Pspocidae

| | | |
|-------------|------------------------------|------------------|
| Tree Cattle | <i>Cerastipsocus venosus</i> | RL Au31/05 nz/KD |
|-------------|------------------------------|------------------|

Polypsocidae

| | | |
|--------------------|-----------------------------|------------------|
| Corrupt Bark Louse | <i>Polypsocus corruptus</i> | RL nz/KD J131/05 |
|--------------------|-----------------------------|------------------|

Myopsocidae

| | | |
|----------------------|------------------------|------------------|
| ‘Fringed Bark Louse’ | <i>Lichenomina</i> 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

| | | |
|---------------------------|---------------------------------|------------------|
| ‘Blotchwing Crane Fly’ | <i>Epiphragma [fasciapenne]</i> | BCF/S KD Je09/11 |
| ‘Two-banded Crane Fly’ | <i>Limonia cinctipes</i> | RL nz/KD Sp25/05 |
| ‘Three-striped Crane Fly’ | <i>Nephrotoma pedunculata</i> | RL nz/KD J131/05 |
| Crane Fly | <i>Tipula [duplex]</i> | RL nz/KD J131/05 |
| ‘Dagger Crane Fly’ | <i>Tipula caloptera</i> | NF SM J130/09 |
| ‘Yellow Crane Fly’ | [<i>Tipula monticola</i>] | RL nz/KD J131/05 |

Culicidae

| | | |
|----------------|---------------------------|------------------|
| Aedes Mosquito | [<i>Aedes simulans</i>] | BCF/S KD Je09/11 |
|----------------|---------------------------|------------------|

Chironomidae

| | | |
|-------|-----------------------|---------------|
| Midge | <i>Chironomus</i> sp. | FC AK Nv02/00 |
|-------|-----------------------|---------------|

Keroplastidae

| | | |
|----------------------------|-----------------------------------|----------------------|
| Fungus Gnat | <i>Keroplatus</i> sp. | NF SM J130/09 |
| Cecidomyiidae | | |
| ‘Apical Gall Midge’ | <i>Asphondylia</i> sp. | SB KD Au22/10 |
| Grape Petiole Gall Gnat | [<i>Neolasioptera vitinea</i>] | KD LM Au28/06 |
| Willow Cone Gall Gnat | <i>Rhabdophaga strobiloides</i> | SB KD J105/06 |
| Goldenrod Gall Gnat | <i>Rhopalomyia solidaginis</i> | LM KD Au09/06 |
| Xylophagidae | | |
| Xylophagidae | <i>Coenomyia</i> sp. | nz/DB RL/BCF J118/05 |
| Tabanidae | | |
| Green-headed Horse Fly | <i>Hybomytra lasiophthalma</i> | Tr KD J106/03 |
| Striped Horse Fly | <i>Tabanus lineolus</i> | LM nz/KD J118/05 |
| Striped Deer Fly | <i>Chrysops vittatus</i> | HP nh/KD Au13/01 |
| Deer Fly | <i>Chrysops frigidus</i> | LM nz/KD J118/05 |
| Horse Fly | <i>Stonemyia rasa</i> | LM nz/KD J118/05 |
| Therevidae | | |
| ‘Red-bellied Stiletto Fly’ | <i>Cyclotelus rufiventris</i> | RL nz/KD 16/06/05 |
| ‘Bald Stiletto Fly’ | [<i>Thereva</i> sp.] | LM nz/KD J118/05 |
| Stiletto Fly | Therevidae sp. A* | RL nz/KD J131/05 |
| Asilidae | | |
| Robber Fly | [<i>Efferia</i>] sp. | Tr KD Au13/04 |
| ‘Black Robber Fly’ | sFam. Laphriinae - Sp A* | RL nz/KD J131/05 |
| Robber Fly | <i>Laphria divisor</i> | Tr KD Je19/06 |
| Robber Fly | <i>Laphria index</i> | GF KD Je12/08 |
| Robber Fly | <i>Laphria [virginica]</i> | NF SM J130/09 |
| ‘Beardless Robber Fly’ | <i>Leptogaster [cylindrica]</i> | NF SM J130/09 |
| ‘Erimine Robber Fly’ | [<i>Machimus</i>] sp. | RL nz/KD J131/05 |
| robber fly | <i>Neoitamus [flavofemoratus]</i> | NF SM J130/09 |
| Robber Fly | [<i>Promarchus</i>] sp. | LM KD J118/03 |
| ‘Small Black Robber Fly’ | sFam. Laphrystiinae | RL nz/KD J118/05 |
| Bombyliidae | | |
| Large Bee Fly | <i>Bombylius</i> sp. | Tr KD My08/04 |
| ‘Raccoon Bee Fly’ | <i>Bombylius major</i> | RZ KD Au30/09 |
| ‘Frecklewing Beefly’ | <i>Anthrax irroratus</i> | GF/Nk KD Au11/11 |
| ‘Black Bee Fly’ | <i>Anthrax tigrinus</i> | Tr KD Sp01/04 |
| Empididae | | |
| ‘Feather-legged Dance Fly’ | <i>Rhamphomyia [longicauda]</i> | RL/BCF nz/DB J105/06 |
| ‘Three-striped Dance Fly’ | <i>Rhamphomyia</i> sp. | LM nz/KD J131/05 |
| Dolichopodidae | | |
| Condylostylid Fly | <i>Condylostylus</i> sp. | nz/DB RL/BCF J118/05 |
| | <i>Neurigona</i> sp. | nz/DB RL/BCF J118/05 |
| Pipunculidae | | |
| Big-headed Fly | Fm. Pipunculidae | LM nz/KD J118/05 |
| Canopidae | | |

| | | |
|---------------------------------|-----------------------------------|------------------|
| Thick-headed Fly | <i>Zodion</i> sp | NF SM JI30/09 |
| Syrphidae | | |
| Yellowjacket Hover Fly | <i>Milesia virginiensis</i> | RSF SM JI30/09 |
| American Hover Fly | <i>Metasyrphus americanus</i> | KD LM Au30/04 |
| Blue-winged Flower Fly | <i>Chalcosyrphus chalybeus</i> | loc SM JI30/09 |
| ‘Small Syrphid’ (ID pending) | fam. Syrphidae | LM KD Au20/03 |
| Syrphinae | | |
| | <i>Chrysotoxum pubescens</i> | RL nz/AY JI31/05 |
| ‘White-banded Hoverfly’ | <i>Dasysyrphus[albostrigatus]</i> | NF SM JI30/09 |
| | <i>Eupeodes latifasciatus</i> | LM nz/AY JI18/05 |
| | <i>Eupeodes pomus</i> | RL nz/AY Au11/05 |
| | <i>Melanostoma mellium</i> | RL nz/AY Au21/05 |
| | <i>Ocyrtamus fascipennis</i> | LM nz/AY JI31/05 |
| | <i>Ocyrtamus fuscipennis</i> | LM nz/AY JI31/05 |
| | <i>Platycheirus immarginatus</i> | LM nz/AY JI18/05 |
| | <i>Syrphus knabi</i> | RL nz/AY JI31/09 |
| | <i>Syrphus rectus</i> | RL nz/AY JI31/05 |
| | <i>Syrphus ribesii</i> | RL nz/AY JI31/05 |
| | <i>Toxomerus geminatus</i> | LM nz/AY JI18/05 |
| | <i>Toxomerus marginatus</i> | LM nz/AY JI18/05 |
| | <i>Xanthogramma flavipes</i> | RL nz/AY Au11/05 |
| Eristalinae | | |
| | <i>Chalcosyrphus nemorum</i> | LM nz/AY JI31/05 |
| | <i>Eristalis transversa</i> | RL nz/AY JI31/05 |
| | <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 JI18/05 |
| | <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 JI30/09 |
| Diopsidae | | |
| Stalk-eyed Fly** | <i>Sphyracephala brevicornis</i> | FC SM JI30/09 |
| Otitidae | | |
| Picture-winged Fly | Fm. Otitidae | RL KD JI28/04 |
| ‘Three-banded Otitid’ | <i>Tritoxa incurva</i> | NF SM JI30/09 |
| Tephritidae | | |
| Goldenrod Gall Fly | <i>Eurosta solidaginis</i> | LM KD My21/06 |
| ‘Dappled Fruit Fly’ | <i>Eutreta novaboracencis</i> | NF SM JI30/09 |
| Sunflower Maggot (Fly) | <i>Strauzia longipennis</i> | RL KD Sp13/09 |
| Dryomyzidae | | |

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| ‘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</i> sp.* | RB KD J115/09 |
| ‘Yellow-banded Tachinid’ | <i>Belvosia</i> sp. | LM SC/kd |
| Calliphoridae | | |
| Greenbottle Fly | <i>Phaenicia</i> sp. | 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</i> sp.] | 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’ | <i>Megarhyssa</i> sp. | RSF/HB SM J130/09 |
| Short-tailed Ichneumon | <i>Ophion</i> sp., | Tr KD Au30/03 |
| ‘Black-and-red-banded Inchnemon’ | <i>Therion</i> sp. | LM/Rd KD J131/10 |
| Cynipidae | | |
| Hedgehog Gall Wasp | <i>Acraspis erinacei</i> | GF KD Au26/10 |
| Oak Apple Gall Wasp | [<i>Amphibolips</i>] sp. | HB KD Sp17/08 |
| Small Pea Gall Wasp | <i>Cynipis divisa</i> | GH/LM KD Sp11/08 |
| Bedeguar Gall Wasp | <i>Diplolepis rosae</i> | LM/HBF PD Ap27/05 |
| Gasteruptiidae | | |
| Gasteruptiid Wasp | <i>Gasteruption</i> sp. | GF KD Je15/04 |

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| Peleciniidae | | |
| Black Peleciniid | <i>Pelecinius polyturator</i> | GF/FC KD Au06/11 |
| Chrysididae | | |
| Cuckoo Wasp | <i>Chrysis [coerulans]</i> | Tr pd/KD J118/03 |
| Tiphiidae | | |
| ‘Black Flower Wasp’ | s.fam. Tiphiinae | RL nz/KD J131/05 |
| Formicidae | | |
| Black Carpenter Ant | <i>Camponotus pennsylvanicus</i> | GF/FC KD Je15/04 |
| Allegheny Mound Ant | <i>Formica exsecta gp*</i> . | LM KD Au17/10 |
| Black Mound Ant | <i>Formica fusca</i> | LM KD My30/06 |
| Winged Ant (male) | <i>Formica [argentea]</i> | LM nz/KD J131/05 |
| Pompilidae | | |
| ‘Red-banded Spider Wasp’ | <i>Anoplius semirufus</i> | RL nz/KD J131/05 |
| ‘Black Spider Wasp’ | [<i>Anoplius</i>] sp. (not sr) | RL nz/KD J131/05 |
| Vespidae | | |
| Potter Wasp | <i>Eumenes fraternus</i> | LM/HF KD Ap18/02 |
| European Paper Wasp | <i>Polistes dominulus</i> | GF/FC KD Au17 |
| Northern Paper Wasp | <i>Polistes fuscatus</i> | LM nm/KD Ap22/01 |
| Bald-faced Hornet | <i>Dolichovespula maculata</i> | LM nz/KD J131/05 |
| Aerial Yellowjacket | <i>Dolichovespula arenaria</i> | LM/tr KD Je30/03 |
| Eastern Yellowjacket | <i>Vespula maculifrons</i> | RL nz/KD J131/05 |
| Common Yellowjacket | <i>Vespula vulgaris</i> | RL nz/KD J118/05 |
| Large Vespid Wasp | Fm. Vespidae | HB KD J129/04 |
| Sphecidae | | |
| Black-and-Yellow Mud Dauber | <i>Sceliphron caementarium</i> | |
| Blue Mud Wasp | <i>Chlorion californicae</i> | Tr pd/KD J128/04 |
| ‘Yellow-striped Digger’ | <i>Cerceris</i> sp. | LM/GF KD Au12/10 |
| Mason Wasp | [<i>Euodynerus foraminatus</i>] | RL nz/KD J118/05 |
| Square-headed Wasp | <i>Ectemnius</i> 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 | [<i>Liris</i> sp.] Larrinae | LM nz/KD J131/06 |
| ‘Caterpillar Wasp’ | <i>Ammophila procera</i> | Tr KD Sp11/08 |
| Andrenidae | | |
| Mining Bee | [<i>Andrena</i>] sp. | LM/GF KD J126/04 |
| Andrenid Bee | [<i>Andrena</i>] sp.] Andreninae | LM nz/KD J118/05 |
| Halictidae | | |
| Splendid Sweat Bee | <i>Agapostemon splendens</i> | LM nz/KD J131/05 |
| Apidae | | |
| Digger Bee | [<i>Anthophora</i> sp.] | LM nz/KD J118/05 |
| Honey Bee | <i>Apis mellifera</i> | LM PD Sp03/00 |

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

CHORDATA [208]

OSTEICHTHYES (superclass PISCES) (21)

Lepisosteiformes

Lepisosteidae

| | | |
|--------------|---------------------------|------------------|
| Longnose Gar | <i>Lepisosteus osseus</i> | TR/FC DJ Je06/02 |
|--------------|---------------------------|------------------|

Salmoniformes

Salmonidae

| | | |
|---------------|----------------------------|-----------------|
| Rainbow Trout | <i>Oncorhynchus mykiss</i> | TR CC (My13/01) |
|---------------|----------------------------|-----------------|

Esociformes

Esocidae

| | | |
|---------------|-----------------------------|-----------------|
| Northern Pike | <i>Esox lucius</i> | FC DJ Ap02/10 |
| Pickrel | <i>Stizistedion vitreum</i> | TR CC (My13/01) |

Cypriniformes

Cyprinidae

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

Catostomidae

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

Siluriformes

Ictaluridae

| | | |
|----------------------|-------------------------------|---------------------|
| Channel Catfish | <i>Ictalurus punctatus</i> | TR DJ Je23/01 |
| Perciformes | | |
| Moronidae | | |
| White Bass | <i>Morone chrysops</i> | TR/FC SL Je06/02 |
| Centrarchidae | | |
| Rock Bass | <i>Ambloplites rupestris</i> | mj/KD FC Sp20/03 |
| Smallmouth Bass | <i>Micropterus dolomieu</i> | TR CC (My13/01) |
| Pumpkinseed | <i>Lepomis gibbosus</i> | TR/FC DJ Je06/02 |
| Percidae | | |
| 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 | <i>Percina caprodes</i> | TR/RP dj/KD Au26/08 |
| Sciaenidae | | |
| 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 (10)

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

Ambystomatidae

| | | |
|-----------------------------|---------------------------|----------------------|
| Blue-spotted Salamander (X) | <i>Ambystoma laterale</i> | BCF/HB ec/KD Ap02/11 |
|-----------------------------|---------------------------|----------------------|

Salamandridae

| | | |
|--------------------|---|----------------|
| 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 | <i>Chelydra serpentina</i> | TR MC Je01/03 |
|-----------------|----------------------------|---------------|

Trionychidae

| | | |
|-------------------------|------------------------------------|----------------|
| Eastern Spiny Softshell | <i>Apalone spinifera spinifera</i> | THR KD J119/00 |
|-------------------------|------------------------------------|----------------|

Squamata

Colubridae

| | | |
|----------------------|--|-------------------|
| Eastern Garter Snake | <i>Thamnophis sirtalis sirtalis</i> | ET KD Oc27/00 |
| Brown Snake | <i>Storeria dekayi</i> [var. <i>texana</i>] | LM/BCF KD Je30/01 |

AVES (139)

Ciconiiformes

Phalacrocoracidae

| | | |
|--------------------------|------------------------------|---------------|
| Double-crested Cormorant | <i>Phalacrocorax auritus</i> | TR PD Au30/02 |
|--------------------------|------------------------------|---------------|

Anseriformes

Anatidae

| | | |
|-------------------|------------------------------|---------------|
| Tundra Swan | <i>Cygnus columbianus</i> | UM PD Mr21/01 |
| Canada Goose | <i>Branta canadensis</i> | TR KD Mr04/01 |
| Green-winged Teal | <i>Anas crecca</i> | HP NH Ap03/02 |
| Mallard | <i>Anas platyrhynchos</i> | TR PD My31/01 |
| Wood Duck | <i>Aix sponsa</i> | TR PD My31/01 |
| Bufflehead | <i>Bucephala albeola</i> | FC MB Ap24/02 |
| Hooded Merganser | <i>Lophodytes cucullatus</i> | HP NH Ap03/02 |
| Common Merganser | <i>Mergus merganser</i> | TR KD J126/04 |

Falconiformes

Cathartidae

| | | |
|-------------------------|----------------------------------|--------------------|
| Turkey Vulture | <i>Cathartes aura</i> | LM PD My06/00 |
| Accipitridae | | |
| Cooper's Hawk | <i>Accipiter cooperii</i> | LM JB Sp10/02 |
| Sharp-shinned Hawk | <i>Accipiter striatus</i> | TR PD Nv01/05 |
| Red-tailed Hawk | <i>Buteo jamaicensis</i> | RL KD JI25/00 |
| Rough-legged Hawk | <i>Buteo lagopus</i> | UM PD Dc2701 |
| Broad-winged Hawk | <i>Buteo platypterus</i> | EW JB Sp14/02 |
| Northern Harrier | <i>Circus cyaneus</i> | UM MC Ap17/02 |
| Merlin | <i>Falco columbarius</i> | HP NH Dc21/02 |
| American Kestrel | <i>Falco sparverius</i> | UM KD Ja30/01 |
| Bald Eagle | <i>Haliaeetus leucocephalus</i> | TR PD Je16/05 |
| Osprey | <i>Pandion haliaetus</i> | TR MC My18/04 |
| Galiformes | | |
| Phasianidae | | |
| Wild Turkey | <i>Meleagris gallopavo</i> | FCF/blf KD Ja30/01 |
| Ruffed Grouse | <i>Bonasa umbellus</i> | HB/N DW Sp09/00 |
| Circoniformes | | |
| Ardeidae | | |
| Great Blue Heron | <i>Ardea herodias</i> | RL KD Au05/00 |
| Green Heron | <i>Butorides striatus</i> | 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>Chordelles 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 JI05/00 |
| 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 J105/00 |
| Eastern Meadowlark | <i>Sturnella magna</i> | LM PD J105/00 |
| 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 J105/00 |
| 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>Pooecetes 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* | <i>Dama dama</i> | FCF/E/KD My03/06 |

*unconfirmed escapee from local collector

FUNGI (incl. Lichens) (210)

| Common name | Scientific name | Locale/by/date |
|---------------------------|----------------------------------|--------------------|
| ZYGOMYCOTA | | |
| “Paper Crust” | <i>Porotheleum fimbriatum</i> | RSF kd/GT Sp03/07 |
| Mushroom Mold | <i>Penicillium</i> sp. | GF/W kd/GT Sp12/07 |
| ASCOMYCOTA | | |
| DISCOMYCETES | | |
| Pezizales | | |
| Hypocreaceae | | |
| “Corn Cobbles” | <i>Trichoderma</i> sp. | HBF GT My29/05 |
| Morchellaceae | | |
| Yellow Morel | <i>Morchella esculenta</i> | RSF/Tr My20/02 KD |
| Mycosphaerellaceae | | |
| Ash Leaf-spot | <i>Mycosphaerella effigurata</i> | FCF KD AuSp04/05 |
| Sarcosomataceae | | |
| Devil’s Urn | <i>Urnula craterium</i> | BCF/ET KD Mr09/02 |
| Sarcoscyphaceae | | |
| Scarlet Cup | <i>Sarcoscypha coccinea</i> | FCF pd/KD Ap24/04 |
| Stalked Scarlet Cup | <i>Sarcoscypha occidentalis</i> | FCF/Blf KD Je09/02 |
| Pezizaceae | | |
| Common Brown Cup | <i>Peziza badio-confusa</i> | NCF/blf KD Oc04/01 |
| Bladder Cup | <i>Peziza vesiculosa</i> | RSF J101/00 |
| Pyronemataceae | | |
| ‘Earth Cap’ | <i>Scutellinia umbrorum</i> | RSF KD J119/00 |
| Eyelash Cup | <i>Scutellinia scutellata</i> | TRT/RL KD Nv11/04 |
| ‘Little Redeyes’ | <i>Scutellinia erinaceus</i> | HB/BCF GT Sp24/10 |

Tuberales

Elaphomycetaceae

| | | |
|----------------|----------------------------------|-------------------|
| Adder's Tongue | <i>Cordyceps ophioglossoides</i> | FCT/LM KD J117/02 |
| False Truffle | <i>Elaphomyces granulatus</i> | FCT/LM KD J117/02 |

Phacidiales

Phacidiaceae

| | | |
|-------------------|--------------------------|---------------|
| Tar Spot of Maple | <i>Rhytisma acerinum</i> | LM KD Au13/04 |
|-------------------|--------------------------|---------------|

Helotiales

Leotiaceae (need other families?)

| | | |
|--------------------|----------------------------------|-------------------|
| Lemon Drops | <i>Bisporina citrina</i> | RSF pdKD J101/00 |
| 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 |
|--------------------------|------------------------------|---------------|

PYRENOMYCETES

Sphaeriales

Xylariaceae

| | | |
|---------------------|-----------------------------|-------------------|
| Carbon Balls | <i>Daldinia concentrica</i> | RSF Au02/00 |
| 'Tar Streak Fungus' | <i>Hypoxyton</i> sp. | RSF kd/GT Nv26/04 |
| Candlesnuff | <i>Xylaria hypoxyton</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 |
|-------------|-------------------------|-------------------|

Nectriaceae

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

Xylariales

Diatrypaceae

Eutypella Canker
'Pink Paint Fungus'

Eutypella parasitica
Hypoxyton rubiginosum

RSF DC Ap13/09
FCT pd/GT Je28/09

BASIDIOMYCOTA

HETEROBASIDIOMYCETAE

Uredinales

Pucciniaaceae

Red-edar Rust Gall *Gymnosporangium juniperi-virginianae* GF pd/KD Ap27/05
(add jellies, rusts & smuts here)

HOMOBASIDIOMYCETAE

Tremallales

Exidiaceae

Black Jelly Roll *Exidia glandulosa* HB KD Oc17/06

Auriculariaceae

Tree Ear *Auricularia auricula* NCF KD Nv30/00

Dacrymycetaceae

'Jelly Horns' *Calocera [cornea]* FCT PD Je29/09
Orange Jelly *Dacymyces palmata* RSF pd/KD J101/00

Tremellaceae

'Sedge Jelly' *Tremella concrescens* NCF KD J105.00
Leafy Jelly Fungus *Tremella foliacea* FCT/DF KD Oc20/04
Witches Butter *Tremella mesenterica* NCF KD Nv30/00
White Coral Jelly *Tremella reticulata* HB/RSF KD J110/03

Aphylophorales

Cantherellaceae

Chanterelle *Cantherellus cibarius* RSF/HB KD J123/03

Clavariaceae

'Crown Coral' *Clavicornia pyxidata* HW KD Au27/01
Cotton-base Coral *Lentaria byssiseda* HB KD My29/02
'Uniform Ramaria' *Ramaria [concolor]* RB pd/KD Sp22/06
'Buff Ramaria' *Ramaria primulina* RB/tr KD Au20/03
'Straight Ramaria' *Ramaria stricta* HB KD Je21/03

Corticaceae

Two-tone Parchment *[Laxitectum bicolor]* RSF nm/KD Mr09/02
Red Tree Brain *Peniophora rufa* FCT/200 Au27/01
Radiating Phlebia *Phlebia radiata* BCF/E bd/KD Oc18/01
'Wooly Phlebia' *Phlebia tremellosa* RSF KD Oc23/01

Hydnaceae

Bear's Head Tooth *Hericium coralloides* HW KD Sp18/01
Bearded Tooth *Hericium [erinaceus]* BCT80 KD Sp01/01
Scaly Hydnum *Sarcodon imbricatus* n/r KD Au13/04

Hymenochaetaceae

| | | |
|------------------------|--------------------------------------|-------------------|
| 'Brown Crust' | <i>Hymenochaete</i> sp. | EW/FC Au27/01 |
| Reddish-brown Crust | <i>Hymenochaete badio-ferruginea</i> | NCF Nv30/00 |
| Woolly Velvet Polypore | <i>Inonotus tomentosus</i> | RSF/HB KD Au27/05 |
| 'Pink Thorn-bracket' | <i>Phellinus conchatus</i> | BCF kd/GT |
| 'Velvet Crust' | <i>Phellinus ferruginosus</i> | RSF KD JI07/00 |
| Mustard-yellow Ppore | <i>Phellinus gilvus</i> | BCF nm/KD Oc23/01 |
| Phellinus bracket | <i>Phellinus</i> sp. | 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 JI07/00 |
| Lacquered Polypore | <i>Ganoderma lucida</i> | RSF/W jd/KD Ap12/11 |
| 'Snow Bracket' | <i>Gloeoporus dichrous</i> | RSF KD Oc04/01 |
| Tender Nesting Polypore | <i>Hapalopilus nidulans</i> | BCF KD JI23/03 |
| 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</i> sp. | GFT KD Oc20/04 |
| Spring Polypore* | <i>Polyporus arcularius</i> | RSF/S KD Je09/11 |
| Bay-brown Polypore | <i>Polyporus badius</i> | FCT/Br AL/KD Au07/05 |
| Rooted Polypore | <i>Polyporus radicans</i> | TH KD Sp01/01 |
| Dryad's Saddle | <i>Polyporus squamosus</i> | |
| Black-footed Polypore | <i>Polyporus varius</i> | RSF KD Je22/00 |
| Cinnabar Polypore | <i>Pycnoporus cinnabarinus</i> | RSF/HB KD Oc17/06 |
| Little Nest Polypore | <i>Poronidulus conchifer</i> | BCF KD Ap26/04 [name?] |
| 'White Doily Bracket' | <i>Trametes conchifer</i> | kd/GT RSF/Bnch Au29/06 |
| 'Hairy Trametes' | <i>Trametes hirsuta</i> | TRT/RL KD Oc31/04 |
| 'Suave Trametes' | <i>Trametes suaveolus</i> | HB/E kd/GT Dc31/03 |
| Turkey Tail | <i>Trametes versicolor</i> | BCF Nv30/00 |
| Violet-toothed Polypore | <i>Trichaptum bififormis</i> | TRT/HB KD Au30/03 |
| White Cheese Polypore | <i>Tyromyces chioneus</i> | RSF Je22/00 |
| Black-footed Polypore | | BCF KD Je25/01 |

| | | |
|---------------------------|---------------------------------|------------------------|
| Gloeophyllaceae | | |
| Yellow-red Gill Polypore | <i>Gloeophyllum sepiarium</i> | RSF/TR KD Oc12/06 |
| Schizophyllaceae | | |
| Common Split-gill | <i>Schizophyllum commune</i> | RSF KD Mr09/02 |
| Stereaceae | | |
| ‘Snow Bracket’ | <i>Gloeoporus dichrous</i> | RSF KD Oc04/01 |
| Hairy Parchment | <i>Stereum hirsutum</i> | FC/HBF KD Nv16/04 |
| Crowded Parchment | <i>Stereum complicatum</i> | HW Au27/01 |
| False Turkey-tail | <i>Stereum ostrea</i> | HW KD Fb25/01 |
| Silky Parchment | <i>Stereum striatum</i> | RSF KD Je22/00 |
| Agaricales | | |
| Agaricaceae | | |
| Abruptly-bulbous Agaricus | <i>Agaricus abruptibulbus</i> | RSF KD Sp27/09 |
| Horse Mushroom | <i>Agaricus arvensis</i> | Tr KD Sp10/06 |
| Flat-topped Agaricus | <i>Agaricus platymyces</i> | FG/FC KD Au03/07 |
| Wood Agaricus | <i>Agaricus silvicola</i> | KD FCT/GF Oc01/06 |
| Sharp-scaled Lepiota | <i>Lepiota acutaesquamosa</i> | FCF pd/KD Nv01/05 |
| Malodorous Lepiota | <i>Lepiota cristata</i> | GF/FC/E pd/KD Nv01/10 |
| Shaggy Parasol | <i>Lepiota rhacodes</i> | BCF/ET KD Nv03/02 |
| ‘Red-eyed Lepiota’ | <i>Lepiota rubrocincta</i> | GF KD Oc21/09 |
| Smooth Parasol | <i>Leucoagaricus naucine</i> | UM/FC nm/KD Sp25/3 |
| Giant Lepiota | <i>Megalepiota rhacodes</i> | EW/HBF/N KD Je08/03 |
| Amanitaceae | | |
| ‘False Grisette’ | <i>Amanita ceciliae</i> | HB KD J128/04 |
| Yellow Blusher | <i>Amanita flavorubescens</i> | GF/FC jn/KD J118/03 |
| Fly Agaric | <i>Amanita muscaria</i> | pd/KD GF J129/06 |
| The Panther | <i>Amanita pantherina*</i> | GF KD Oc12/06 |
| Boletaceae | | |
| Ash-tree Bolete | <i>Boletinellus meruloides</i> | HB nm/KD J126/04 |
| Russell’s Bolete | <i>Boletus russelli</i> | GF KD Oc05/06 |
| Coprinaceae | | |
| Tippler’s Bane | <i>Coprinus atramentarius</i> | FCT/120 Au27/01 |
| Shaggy Mane | <i>Coprinus. comatus</i> | BCF ac/KD Sp24/01 |
| Crumble Cap | <i>Coprinus disseminatus</i> | BCF KD Oc31/04 |
| Common Psathyrella | <i>Psathyrella candolleana</i> | RSF pd/KD Au02/00 |
| ‘Watery Psathyrella’ | <i>Psathyrella [hydrophila]</i> | KD FCT/GF Sp26/06 |
| Weeping Widow | <i>Psathyrella velutina</i> | RSF Au22/00 |
| Cortinariaceae | | |
| Cinnamon Cort | <i>Cortinarius cinnamoneus</i> | BCF KD Oc31/04 |
| ‘Freckled Cort’ | <i>Cortinarius phollideus</i> | HB Itr nm/KD Oc07/03 |
| Deadly Galerina | <i>Galerina autumnalis</i> | RSF KD Nv01/05 |
| Fibre-head | <i>Inocybe fastigiata</i> | TRT/blfs pd/KD Oc31/04 |

| | | |
|-------------------------|---|-------------------|
| ‘Woodside Mushroom’ | <i>Ramicola centuncula</i> | Loc GT Sp24/10 |
| Crepidotaceae | | |
| Flat Crep | <i>Crepidotus applanatus</i> | TH Au27/01 |
| ‘Brown Jelly Crep’ | <i>Crepidotus mollis</i> | kd/GT HB Au28/06 |
| Variable Crep | <i>Crepidotus [variabilis]</i> | RSF KD JI07/00 |
| ‘Soil Crep’ | <i>Crepidotus sp.</i> | FC/GF KD Au20/03 |
| Hygrophoraceae | | |
| Witch’s Hat | <i>Hygrophorus conicus</i> | LM pd/KD Sp02/06 |
| ‘Slime Cap’ | <i>Hygrophorus chlorophanus</i> | NK pd/KD Je30/08 |
| ‘White Slimehead’ | <i>Hygrophorus eburneus</i> | RB KD Sp22/06 |
| Parrot Mushroom | <i>Hygrophorus psittacina</i> | GF pd/Kd Oc17/06 |
| Entolomataceae | | |
| Sweetbread Mushroom | <i>Clitopilus prunulus</i> | HB KD Au09/04 |
| Plutaceae | | |
| Fawn Mushroom | <i>Pluteus cervinus</i> | GF/FC kd/GT Oc |
| Velvet Shield | <i>Pluteus umbrosus</i> | Tr wc/KD JI25 |
| Pleurotaceae | | |
| Hohenbuehella | <i>Hohenbuehella atrocaerulea</i> | HB kd/GT JI28/04 |
| ‘Grey Hohenbuehelia’ | <i>Hohenbuehelia atrocaerulea /grisea</i> | FCT/GF kd/GT |
| Leaflike Oyster | <i>Hohenbuehelia petaloides</i> | RSF KD Sp10/06 |
| Russulaceae | | |
| Curry Milkcap (?) | <i>Lactarius [aquifluus]</i> | RB KD Au12/11 |
| ‘Tasty Milky’ | <i>Lactarius deliciosus</i> | KD RBIfs JI24/06 |
| ‘Ring-cap Milky’ | <i>Lactarius fumosus</i> | GF KD Oc05/06 |
| ‘Cardboard Mushroom’ | <i>Lactarius [imperceptus]</i> | HB KD Au09/04 |
| Peppery Milky | <i>Lactarius piperatus</i> | RSF/HB KD Au20/03 |
| Fragile Russula | <i>Russula [fragilis]</i> | HB/tr KD Oc09/03 |
| Blackish-red Russula | <i>Russula Kromholtzii</i> | HB/RSF KD JI06/03 |
| ‘Forest Russula’ | <i>Russula silvacola</i> | HB KD JI23/03 |
| Variable Russula | <i>Russula variata</i> | GF KD Oc05/06 |
| Strophariaceae | | |
| Golden Pholiota | <i>Pholiota aurivella</i> | NCF KD Oc29/01 |
| ‘Freckled Pholiota’ | <i>Pholiota malicola</i> | BC KD Oc08/00 |
| Tricholomataceae | | |
| Honey Mushroom | <i>Armillariella mellea</i> | RST nm/KD Oc29/02 |
| Blewitt | <i>Clitocybe nuda</i> | HB/tr KD Oc09/03 |
| ‘Owlet’ | <i>Clitocybula ocula</i> | HW/FCT Je17/01 |
| Velvet Foot | <i>Collybia velutipes</i> | NCF Nv30/00 |
| Wire Mushroom | <i>Crinipellis setipes</i> | FCT/300 Au27/1 |
| ‘Brown Hairy-legs’ | <i>[Gymnopus subnudus]</i> | GF K1D Sp02/06 |
| Elm Oyster | <i>Hypsizygus tessulatus</i> | HB/RSF KD Oc10/05 |
| Bear Lentinus | <i>Lentinellus ursinus</i> | HB KD Oc12/06 |
| Train Wrecker | <i>Lentinus lepideus</i> | BCF Oc23/01 |

| | | |
|---------------------------------|-----------------------------------|---------------------|
| Fused Marasmius 'Tiny Dunce' | <i>Marasmius cohaerens</i> | BCF/E KD Sp13/09 |
| Fairy Ring Mushroom | <i>Marasmius [olidus]</i> | FCT/300 Au27/1 |
| Pinwheel Marasmius | <i>Marasmius oreades</i> | LM/FCF Au28/01 |
| Bleeding Mycena | <i>Marasmius rotula</i> | BCT jd/KD J131/10 |
| 'White Mycena' | <i>Mycena haematopus</i> | FCT/200 Au27/1 |
| Orange Mycena | [<i>Mycena inclinata</i>] | RST KD Au20/03 |
| 'Leadcap Mycena' | <i>Mycena leaiana</i> | RSF J119/00 |
| 'Rose Mycena' | <i>Mycena polygramma</i> | BCF KD Je17/01 |
| 'White Mycena' | <i>Mycena rosella</i> | GF pd/KD Sp02/06 |
| 'Wrinkled Mycena' | <i>Mycena [stylobates]</i> | BC KD Oc08/00 |
| Rooted Oudemansiella | <i>Mycena sp.**</i> | RSF/HB KD Oc12/06 |
| Late Fall Oyster | <i>Oudemansiella radicata</i> | BCF KD Oc27/01 |
| Luminescent Panellus | <i>Panellus serotinus</i> | NCF KD Oc29/01 |
| 'Orange-gilled Shelf' | <i>Panellus stipticus</i> | GF KD Sp02/06 |
| Oyster Mushroom | <i>Phyllotopsis nidulans*</i> | RSF KD Oc07/09 |
| Netted Rhodotus | <i>Pleurotus ostreatus</i> | EW nm/KD Au16/01 |
| Platterful Mushroom | <i>Rhodotus palmatus</i> | RSF KD J122/00 |
| 'Ghost Parasol' | <i>Tricholomopsis platyphylla</i> | RSF/upl. KD Je25/02 |
| | <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. "Accordian Fungus" FCT/200m Au27/01
Possibly a fragment: fertile surface folded into tiers or wrinkles, reminiscent of a fleshy, grey accordian. 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 | <i>Candelaria concolor</i> | FC/LR KD Nv07/04 |
| Powdery Goldspeck | <i>Candelariella efflorescens</i> | NF BP J101/09 |
| Mealy Pixy-cup | <i>Cladonia chlorophaea</i> | GF KD Oc05/06 |
| Common Powderhorn | <i>Cladonia coniocraea</i> | HB KD Sp16/04 |
| Trumpet Lichen | <i>Cladonia fimbriata</i> | TR/blfs KD Oc28/04 |
| Fence-rail Cladonia | <i>Cladonia parasitica</i> | RL KD Oc31/04 |
| Common Greenshield Lichen | <i>Flavoparmelia caperata</i> | BCF/RL BP Je12/09 |
| Monk's Hood Lichen | <i>Hypogymnia physodes</i> | BCF/RL BP Je12/09 |
| Fluffy Dust Lichen | <i>Lepraria lonificans</i> | BCF KD Oc16 |
| Mealy Camouflage Lichen | <i>Melanelia [disjuncta]</i> | BCF KD Oc16/04 |

| | | |
|----------------------|----------------------------------|-------------------|
| Orange Shadow Lichen | <i>Phaeophysica rubropulchra</i> | BCF pd/KD Oc20/04 |
| Hoary Rosette Lichen | <i>Physica aipolia</i> | BCF KD Oc20/04 |
| Mealy Rosette Lichen | <i>Physica millegrana</i> | GF KD Je01/.04 |
| Star Rosette Lichen | <i>Physica stellaris</i> | 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 |
| DM | Dave Martin | |
| 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 | Delaware Elder |
| 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 | area farmer |
| LW | Linda Wladarski | expert birder |
| 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 |