

Plants of Lanark County Ontario

2010 Edition

David J. White

March 2010



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Ontario

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To contribute new records or offer comments, contact me at:

1723 4th Conc B Dalhousie
RR 3
Lanark, Ontario
K0G 1K0
Phone (613) 259-3135
e-mail: dwhite@superaje.com

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Cover photo: European Eyebright (*Euphrasia stricta*).

ACKNOWLEDGEMENTS

I would like to thank a number of people for their important contribution to the checklist. Dan Brunton, Ottawa, has provided many records, offered on-going support and encouragement, helped with identifications, and reviewed several earlier drafts of the list. Mike Oldham, Natural Heritage Information Centre, Peterborough, reviewed earlier drafts of the list, provided many records over the years, and made available the database of Lanark County records from the herbarium of Queen's University. Mike also checked the identification of over 100 of my voucher specimens of grasses and sedges. Stephen Darbyshire, Agriculture Canada, Ottawa, reviewed the grass family, provided a number of records, and helped locate relevant literature. Don Cuddy, formerly with the Ministry of Natural Resources (MNR), Kemptville, made field notes available and reviewed several early drafts of the list.

I would like to thank several former colleagues (all now retired) from the Canadian Museum of Nature, Ottawa. Albert Dugal provided many records and helped with identifications. Mike Shchepanek made field notes available, provided printouts of records from the Museum's plant database, and helped locate some references. George Argus helped with identification of some Willow (*Salix*) collections and reviewed that section of a draft of the list. Jim Soper provided access to his site records and data files of Ontario shrubs.

Patsie Rothschild (formerly of Sheridans Rapids) has made many important discoveries, taken me to special places, and also reviewed several early drafts of the list. The late Adolf Vogg, Arnprior, explored much of the northern portion of the county and contributed many records to this list. Adolf's enthusiasm for botanizing new places and finding new plants helped to keep me interested in the checklist project during the early years.

Graham Page of Ottawa and Kristl Walek (formerly of North Gower) contributed many recent county records. Jean Griffin, Perth, provided a number of new records and took the author to several interesting locations. Howard Clifford of the former Alba Wilderness School, Flower Station, took the author to a number of diverse areas on his extensive property. I would also like to thank several people who contributed one to a few records each: Heather Patterson of Kitchener, Ken Allison of Ottawa, Ron Hepworth of Brantford, Nora Mansfield of Perth, and Dawson Girdwood of Perth.

Joyce and Allan Reddoch, Ottawa, supplied the records from the Native Orchid Location Survey and reviewed the orchid section of the draft list. The late Clarrie Frankton, formerly of Agriculture Canada, Ottawa, reviewed an early draft of the list and helped with some identifications. Ted Mosquin, Fallbrook, provided many records and took the author to several interesting areas. Tobi Kiesewalter, Murphys Point Provincial Park, provided park observations and helped the author relocate several old records. Eleanor Thomson, Merrickville, provided records based on her inventory work in several parts of the county. Bill Crins, Ontario Parks, Peterborough, helped with several identifications, mainly in the genus *Carex*. Cathy and Paul Keddy, Carleton Place, provided several important records and took the author to a number of diverse areas on their large property.

Kathy Sauvé, former Park Superintendent for Murphys Point and Silver Lake Provincial Parks, Mike Ogilvie, Park Superintendent for Murphys Point Provincial Park, and John Immerseel, Ontario Parks Southeastern Zone Manager, allowed the author to conduct plant studies in the two parks. I would also like to thank the curators and collection managers of the Ottawa-Hull herbaria of Agriculture Canada and the Canadian Museum of Nature for helping with access to Lanark County specimens. Alice White helped with editing and data checking, and Katy White helped on several field trips.

Finally, I would like to thank Shaun Thompson, MNR, Kemptville, who arranged funding in 1998 to enable my rough draft list to progress to a useable—albeit preliminary—state. Without the help and encouragement of the above-mentioned people, this list would be little more than a pile of field notes and several boxes of file cards.

INTRODUCTION

The following checklist presents the 1294 taxa (species, subspecies, varieties, and hybrids) of native and non-native vascular plants known by the author to occur in Lanark County. Vascular plants are those which have vessels or ducts to transport fluids. Included are trees, shrubs, herbaceous flowering plants (annual and perennial), ferns, clubmosses, and horsetails, but not mosses, lichens, or algae. For a non-native plant to be included on the list, it must have been found growing in the county without the aid of cultivation. There are numerous garden plants and agricultural crops on this list, but all were found where they had spread on their own and were surviving untended.

It is hoped that making this list available will encourage the recording of new species, the reporting of additional records of rare and sparse plants, and the refining of the status designations. The list should be regarded as a working list and a 'snapshot in time' of the Lanark flora. A county checklist can be a useful aid to plant identification when used along with floras and field guides that cover a larger geographical area. By highlighting significant native species (rare or sparse) the list should be a useful reference for environmental impact studies and natural area evaluations.

The author began collecting and recording Lanark County plants in 1975 when a 100-acre property was purchased for a home in Dalhousie Township. The first rough draft of the county checklist was prepared in 1987, the second draft (containing 922 taxa) was completed in 1990, the third draft (containing 1080 taxa) was written in 1998, the fourth draft (containing 1129 taxa) was circulated to a small group of reviewers in 1999, and the fifth draft (containing 1260 taxa) was completed in 2004. The 2006 version of the list, that was made available on the www.lanarkflora.com web site to anyone interested, contained information on 1271 taxa. The 2008 revision brought the total to 1288 taxa, where it remained in the 2009 update. In 2009, a new section on Significant Areas (page 10) was added to highlight areas with exceptional plant diversity and rare plant concentrations. The present 2010 edition has 1294 taxa.

UPDATE HIGHLIGHTS

The 2010 update is a relatively minor revision of the previous (2009) edition. Six new species have been added since the 2009 version. There have been many additional records of rare, sparse, and uncommon species, resulting in status designation changes for quite a few plants. Nomenclature has been updated in several families, mainly Crassulaceae, Ericaceae, Grossulariaceae, Primulaceae, and Saxifragaceae.

SOURCES

The list is based on the author's collections and sight records from 1975 to the present; the specimens housed at the herbaria of the Canadian Museum of Nature (CAN) in Aylmer, Que, and Agriculture Canada (DAO), in Ottawa; and the sight and specimen records of: Patsie Rothschild, Ottawa; the late Adolf Vogg, Arnprior; Dan Brunton, Ottawa; Don Cuddy, formerly with the Ministry of Natural Resources, Kemptville; Albert Dugal, Mike Shchepanek, and Jim Soper, all formerly with the Canadian Museum of Nature, Ottawa; Stephen Darbyshire, Agriculture Canada, Ottawa; Ted Mosquin, Lanark; Eleanor Thomson, Merrickville; Paul and Cathy Keddy, Carleton Place; and Sheila and Harry Thomson, Ottawa.

Significant literature records were added from Argus & Keddy (1984), Argus & White (1982; 1983), Brownell (1992), Brownell & Larson (1995), Brunton (1979; 1985; 1986), Crowder *et al.* (1997), Darbyshire (1982), Haber (1973), Lemky & Keddy (1988), Lindsay (1974), Mosquin (1985), and Pryer & Argus (1987).

Additional plant records were included from the Natural Heritage Information Centre, Peterborough, including Lanark County records from the database of the herbarium of Queen's University (QK) that was used in the preparation of the Kingston Region plant checklist (Crowder *et al.*, 1997). The Orchid Family listing benefited greatly from the records of the Native Orchid Location Survey.

Some of the Lanark County specimens housed at CAN, DAO, and QK are quite old and are of interest from a historical point of view. The first known collections (1861-1867) were made by John Kerr McMorine—a clergyman and amateur botanist who lived and collected in Ramsay, west of Almonte (see Ross, 1984). A detailed history of botanical exploration across Canada is given by Pringle (1995). Reddoch & Reddoch (1997) present a history of orchid collecting and exploration in the Ottawa area which includes some of eastern Lanark County.

All of the above records have been entered into a database (MS Access) that allows the basis for each species in the checklist or the details of each locality citation to be readily determined. The database contains nearly 7200 records—mostly the rare, sparse, and uncommon species. Of the 7200 records, 3450 are collections in the author's herbarium, 2150 are the author's sight records, 1000 are specimens in other herbaria (mainly CAN and DAO), 350 are literature records, and 150 are sight records by others.

All but a handful of the species on this list are represented by herbarium specimens. For a species to be included in the checklist based only on a report (for which there is no specimen or for which I have not seen the specimen), the source must be credible and the existence of the species in the county must be reasonable based on its known occurrence in adjacent counties. Species reported for Lanark County that do not meet both of these criteria are listed in Appendix 1. For the few taxa on the list that are based solely on a literature report, the literature reference is given in column three of the list.

CLASSIFICATION

The plant families are arranged in a traditional taxonomic order such as that used by Gleason (1952) or Voss (1972, 1985, 1996). Within the families, the genera and species are arranged alphabetically. The scientific names and family groupings primarily follow those in Newmaster *et al.* (1998) updated with more recent sources, such as the Flora of North America project (FNA, 2010), the Flora Ontario project (FOIBIS, 2010), the Northern Ontario Plant Database (Meades *et al.*, 2010), and the Biota of North America Program (BONAP, 2010). The common names mainly follow Gillett & White (1978) with some entries based on Newmaster *et al.* (1998).

As research in plant taxonomy continues, scientific names change, species are subdivided, and names are merged. For this reason, I have listed synonyms and given cross-reference notes to simplify locating an updated scientific name shown in the present list with the equivalent name used in older field guides and floras—especially in the case of generic names that have been changed or subdivided. For example, recent studies have proposed splitting the large and well-known genus *Aster* into several additional genera: *Brachyactis*, *Doellingeria*, *Oclemena*, and *Symphyotrichum*; however at present, these latter names are found in very few floras or field guides.

DEFINITIONS

The checklist is arranged in three-column format: the first column contains the scientific name, author, and needed synonyms (codes for non-native status and native plants that are significant in Ontario precede the scientific names); the second column contains the common name; and the third column presents an overall subjective assessment of the status (rarity or abundance) of the species within Lanark County as a whole. Known localities are listed for rare and sparse species. Very brief habitat preferences are listed for most uncommon, rare, and sparse species. Species that are listed as “garden escapes” or “escapes from cultivation”, are almost always found along roadsides and in disturbed ground. To avoid unnecessary repetition, habitat notes are not listed for these particular non-native species.

The status terms and symbols used in the list are defined below: The status of each species is based on field study supplemented by literature reports and herbarium records. For rare or sparse native and most rare alien plants, all known locations are given. The locations provided in this list are often approximate to simplify the labelling of the small-scale map (page 19). Locations are not given for some rare aliens that are sporadic or short-lived, since they may appear in different locations from year to year. A number in parentheses following a location name indicates that more than one population is known in that general area. To be regarded as separate populations in this list, two records must be at least one kilometre apart.

Records dated 1980 or earlier (admittedly an arbitrary cut-off point) are considered to be old records in need of confirmation. They were not counted as locality records when calculating the number of records to determine status category. The date of an old record (where known) is listed after the locality name, and both the locality and date of each old record are enclosed in square brackets as in “[Lanark-1945]”.

Due to the large area of the County and the limited field exploration that has taken place over the years, the status assessments must be regarded as preliminary—many will change with further field work. Some groups, such as the Orchid family, have received more attention than others. A well-documented orchid may be known from many sites—and thus be listed as “Sparse” or “Uncommon”—due to this focussed effort; however, it may be rarely encountered in the field by the casual botanist. The author, like most botanists, is more interested in some plant groups than others and this has an impact on what plants are noticed and recorded on field trips, and ultimately, this affects the status given for species on the list. Thus, the status assessments are subjective, despite the numerical aspect.

Common: Seen often in its preferred habitat which itself is common.

Uncommon: Not seen often or only in small numbers in its preferred habitat which itself may not be common. Generally more than 12 records known. Some species formerly considered sparse have been found in enough new locations to be moved into the uncommon category. Such species with less than 20 records will have the number of records in parentheses after “Uncommon” to highlight the fact that although now considered uncommon, they are still very infrequently encountered.

Sparse: Sporadic in its distribution and often restricted to a specialized habitat. Between six and 12 records are known.

Rare: Very sporadic in its distribution; often restricted to a very specialized and limited habitat or to a very small portion of the County. Five records or less are known.

#S3 Denotes a native species that is regarded as provincially significant (rare in Ontario) by the Natural Heritage Information Centre (NHIC, 2010). The numbers or letter that follow the letter “S”, refer to the provincial rank or status of the plant within Ontario as a whole. The provincial ranks are as follows: SH=Possibly Extirpated (Historical)—previously known from the province but not recorded in the last 20 years or more; S1=Critically Imperiled (usually 5 or fewer occurrences known); S2=Imperiled (usually 5 to 20 occurrences known); S3=Vulnerable (usually 20 to 80 occurrences known). A question mark (?) following a rank indicates some degree of uncertainty.

***** Denotes a non-native or introduced species as it relates to Lanark County and eastern Ontario. Primarily, this symbol denotes Eurasian species, however, a species native to southwestern Ontario—such as Gray-headed Coneflower (*Ratibida pinnata*) that is found in Lanark County only along a roadside in Pakenham Township—is indicated as an alien here.

(*) Denotes a species that may be represented in Lanark County by both native and non-native strains of the plant. It may also indicate a plant whose native/non-native status in the county is uncertain.

(*auct. non*) Abbreviation of *auctorum non*, meaning of some authors but not the original author. Used to denote a synonym that may be misapplied in some floras or field guides. For example, the synonym for Reddish Bulrush (*Scirpus pendulus* Muhl. ex Willd.) is given in the checklist as *Scirpus lineatus* auct. non Michx. This means that sometimes in floras covering this area, you may find Reddish Bulrush listed as *Scirpus lineatus*; however, that is a misinterpretation of that species name because *Scirpus lineatus*, as described by Michaux, is a different bulrush that occurs only in the southern United States (Voss, 1972). So, both are valid species and are only ‘synonyms’ in the sense of the misapplication of the name in some floras or field guides.

(*p. pt.*) Abbreviation of *pro parte*, meaning for the most part. Used to note a synonym that is not exactly equivalent.

(*s.l.*) Abbreviation of *sensu lato*, meaning in the broad sense or including more than one variety or subspecies.

Of the 1294 taxa listed in the checklist, 883 are considered native and 411 (32%) are mainly introduced. This percentage of non-native plants is comparable to but slightly lower than the 36% reported for the Ottawa area in Brunton (2005). Of the 411 non-native plants, 103 are rated as Common, 53 are considered Uncommon, 49 are ranked as Sparse, and 206 are listed as Rare. Of the 206 Rare non-natives, 76 are only known from one location in the county and 19 could be considered “historical” because they have not been recorded since 1980 or earlier. Of the 883 native plants, 237 are rated as Common, 276 are considered Uncommon, 126 are ranked as Sparse, and 244 are listed as Rare. Of the 244 Rare natives, 69 are only known from one location in the county and 19 could be considered “historical” because they have not been recorded since 1980 or earlier.

WETLAND TERMS

To avoid confusion, I will define my use of wetland terms. A **swamp** is a wetland community with little peat development that is dominated by shrubs or trees. A **marsh** is a wetland without much peat that is dominated by herbaceous plants that are floating, submergent, or emergent. Swamps and marshes are common across the county. **Bogs**, **fens**, and **poor fens** are wetlands underlain by at least 40 cm of peat—and thus, they can also be called peatlands.

Bogs are completely isolated from mineralized groundwater (since their moisture comes exclusively from rain and snow, they are quite nutrient poor), are very acidic, and generally have low plant diversity. The peat in bogs has developed almost exclusively from Sphagnum moss which also dominates the bog surface. In Lanark County, I have only seen three true bogs: the central domed portions of the Blueberry Marsh and the Goodwood Marsh, and a small raised treed bog next to O’Brien Lake. Although the first two of these peatlands occur in areas of limestone bedrock—which tends to favour the development of fens—the extensive Sphagnum moss development has allowed the central portion of these large peatlands to rise above the surrounding groundwater-influenced water table to become very acidic and isolated from the mineral-rich groundwater. The three central domes are quite dry at the surface and support a very limited flora dominated by low shrubs and dense Sphagnum moss.

Fens are considerably influenced by neutral to basic groundwater and support a much greater plant diversity than bogs. There are many fens in the county, both large and small, and all have developed in areas of marble or limestone bedrock. The peat of fens has developed from sedges with little or no Sphagnum present.

Poor fens are intermediate between bogs and fens in terms of groundwater influence, acidity, and plant diversity. Poor fens are quite common in the county and many of these ‘boggy’ communities have developed next to a lake or stream that provides some influence from mineral-rich groundwater. Poor fens tend to occur in areas of acidic bedrock, such as granites and gneisses, although there is often a minor influence from marble nearby. Sphagnum moss is quite common in poor fens.

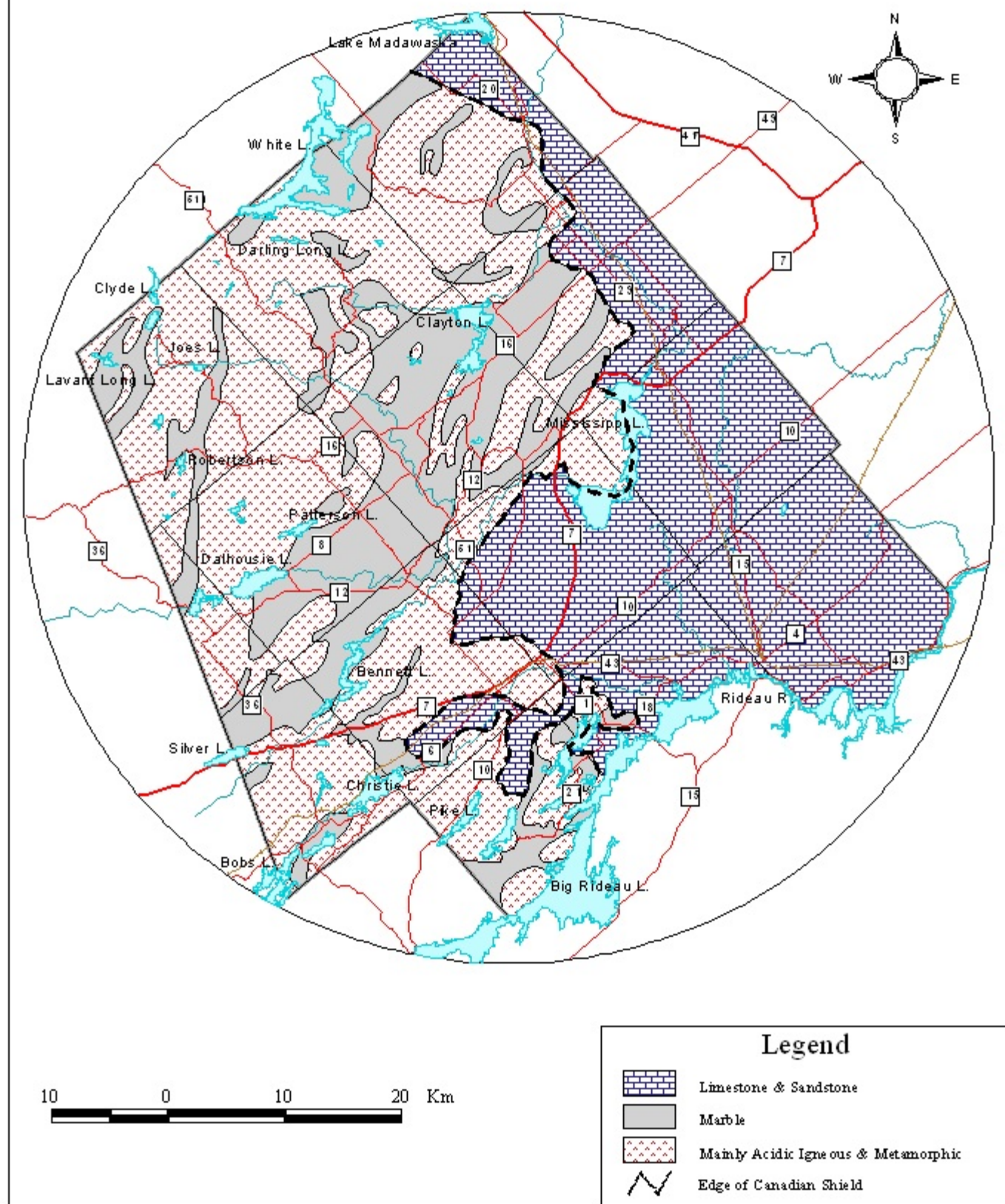
When a habitat is described as a “boggy lakeshore”, it indicates an acidic shoreline with species typical of bogs and poor fens but without any significant peat development.

BEDROCK GEOLOGY

The geology of Lanark County is quite complex due to the presence of younger limestones and sandstones in the eastern part of the county, and much older granites, gneisses, and marbles of the Canadian Shield in the western part of the county (Douglas, 1978; Freeman, 1979). Refer to Figure 1 (page 9). The sedimentary limestones and sandstones are neutral to basic and the soils that form over them tend to also be neutral or basic. Rocks of the Canadian Shield, such as granite, gneiss, amphibolite, andesite, and migmatite, are mainly acidic and produce acidic soils. Marble is also part of the Canadian Shield; however, it is a neutral to basic rock since it is formed from metamorphosed limestones. Soils that develop on marble are neutral to basic.

This aspect of soil chemistry affects species distribution in the county since some plants do best in basic soils while other plants prefer acidic soils. Glaciation has somewhat complicated the picture in places by depositing acidic till (derived from granites) on limestone areas or by dumping more neutral soil (based on marble or limestone) on areas with granitic bedrock. The most obvious differences in species composition between those found in areas of granitic bedrock and those found in areas of limestone bedrock occur in areas with very thin soil where the influence of the parent rock on the adjacent soil is most pronounced. In areas of thin soil over limestone, one may find *Polygala senega* (Seneca Snakeroot), *Scutellaria parvula* (Small Skullcap), or *Trichostema brachiatum* (False Pennyroyal). In areas of thin soil over granite, one may find *Dichanthelium latifolium* (Broad-leaved Panic Grass), *Epigaea repens* (Trailing Arbutus), or *Oryzopsis pungens* (Sharp-leaved Mountain-rice). There are, of course, many common species, such as Sugar Maple or White Pine, that can tolerate a wide range of soil conditions and occur all across the county.

Figure 1: Simplified Bedrock Geology



SIGNIFICANT AREAS

Rare and sparse native plants occur in all parts of the county. If one looks through the checklist; however, several locations appear quite frequently in the site lists for rare and sparse species. Some names, such as Watson Corners, appear often in the list because they occur in an area with few other towns or lakes so they represent a region more than a specific site. Watson Corners also happens to be near the author's home so the general area has been well explored. Other names appear frequently in the list because the areas are especially diverse or have a unique combination of geology, geography, and perhaps history that have combined to create conditions not found elsewhere in the county. Places such as Dixon Lake or the Clay Bank alvar are considered special from a botanical point of view due to the large number of rare and sparse native plants found in a restricted area. Sites such as Dixon Lake occur on Public Land and as such can be accessed and freely explored. Other special areas, such as the Clay Bank alvar, are privately-owned but are at least partly accessible along roadsides where many of the significant plants can be seen. Keddy (2008) describes many special areas in the county and the processes which influenced them.

The following 17 areas are considered to be the best examples of botanical diversity and rare plant concentrations in the county—plant 'hot-spots', if you like. As elsewhere in the county, the different levels of past effort can skew the perceived significance of one site over another. Further inventory in lesser-studied areas may show them to be more diverse than presently documented—or not. Several additional areas in the county are also botanically diverse (such as Numogate or Nolans Corners) but do not appear among the 17 areas chosen because there is no reasonable access to them.

Several of the example areas are large, little-disturbed natural landscapes (Dixon and Bottle Lakes; Lavant Long Lake). Most other areas; however, have seen significant disturbance and they are of interest more because of the many significant plants present, rather than because of any 'wilderness experience' one might get when visiting them.

ALMONTE TOWN PARK

In the town of Almonte, on the east side of County Road 29 and the south side of Almonte Street (County Road 49), is a small public park that features mixed woods, rich seepage slopes, and wet meadows along a small creek. The lawns and trails are well-used by walkers and picnickers; however, the woods and slopes still support a relatively diverse flora in a rather small area.

Known only in Lanark from this site are: *Carex woodii* (Wood's Sedge) and *Floerkea proserpinacoides* (False Mermaid). Other rare plants include: *Astragalus neglectus* (Cooper's Milk-vetch), *Bidens vulgatus* (Beggarticks), *Carex bromoides* (Brome-like Sedge), *Carex hirtifolia* (Hairy Sedge), *Hydrophyllum virginianum* (Waterleaf), *Luzula acuminata* (Acuminate Wood-rush), *Ranunculus hispidus* var. *caricetorum* (Northern Crowfoot), and *Veronica americana* (Brooklime). There are also four species rated as sparse known from this site.



Photo 1: A small creek running through the west-end park in Almonte.

BIG RIDEAU LAKE

The north shore of this large lake consists of a rugged Canadian Shield landscape associated with the Rideau River—a major plant and animal migration corridor. The area's location in the extreme south tip of the county and southern North Burgess Township, puts it within range of several more-typically southern species. Aquatic vegetation is diverse in the lake though several invasive species are very well-established and may threaten this diversity in the future.

It is all private land; however, there is access to parts of it along the Rideau Trail and Big Rideau North Shore Road. The rugged shoreline itself is quite accessible by boat and several significant species are common on open rocky slopes near shore. Public boat launches exist at Murphys Point Provincial Park and at Narrows Lock at the west end of Big Rideau Lake on Narrows Lock Road. Murphys Point Provincial Park occurs within this broad area but it is treated separately below.

Found nowhere else in the county is *Carex muehlenbergii* (Muhlenberg's Sedge). Other rare species include: *Carex sparganioides* (Bur-reed Sedge), *Carya ovata* (Shagbark Hickory), *Claytonia virginica* (Virginian Spring-beauty), *Polygonum douglasii* (Douglas' Knotweed), *Potentilla arguta* (Tall Cinquefoil), *Pseudognaphalium obtusifolium* (Sweet Everlasting), and *Stuckenia filiformis* (Threadleaf Pondweed). There is an historic (1910) record of the rare *Asplenium platyneuron* (Ebony Spleenwort). There are also 13 species rated as sparse that are known from this site.

BLUEBERRY MOUNTAIN

Blueberry Mountain is the local name given to a high ridge near the northwest corner of the county in northern Lavant Township. The panoramic view from this hilltop is unmatched in the county. The ridge is part of a large, diverse, and undeveloped property that is home to the former Alba Wilderness School. In 2008, the property was voted "one of the Seven Wonders of the County". This area has become the first property to be protected under a conservation easement with the Mississippi Madawaska Land Trust Conservancy. With the agreement, this forested tract will be allowed to develop naturally and to be enjoyed by the public for the next 1000 years. Blueberry Mountain can be found on Hills of Peace Road, east of Flower Station. See Howard Clifford's new website (<http://www.cliffland.ca/>) for more information.

The property has been little-explored botanically, compared to many of the other areas highlighted in this section. *Potamogeton spirillus* (Northern Snailseed Pondweed) and *Salix eriocephala* (Missouri Willow) are known in the county only from this site. Other rare plants include: *Carex scabrata* (Rough Sedge), *Eriophorum gracile* (Slender Cotton-grass), *Eriophorum tenellum* (Filiform Cotton-grass), *Hieracium umbellatum* (Kalm's Hawkweed), and *Platanthera orbiculata* (Round-leaved Orchid). There are also seven species rated as sparse known from this site. No doubt, further exploration of this area will add to the list of significant species.

BOLINGBROKE/BOBS LAKE

The southwest corner of Lanark County includes a small portion of Bobs Lake near its outflow to the Tay River. As with Big Rideau Lake, the Bobs Lake area's location, in the extreme southwest corner of the county and South Sherbrooke Township, puts it within range of several more-typically southern species. The open, dry deciduous woods north of Bolingbroke and the aquatic communities of the lake harbour a number of such species which do not occur farther north in the county.

It is all private land; however, there is access to parts of it along Bolingbroke Station Road. Bobs Lake shoreline and islands are quite accessible by canoe or kayak and several of the significant upland species occur near shore. Aquatic vegetation is diverse in this end of the lake. A boat launch is available at Cedar Haven Cottages on Bobs Lake in adjacent Frontenac County.

Found nowhere else in the county is *Littorella americana* (Shore-plantain) which is locally common along several parts of the Bobs Lake shoreline. Other rare aquatic and lakeshore species include: *Callitriche hermaphroditica* (Water-starwort), *Epilobium coloratum* (Purple-leaved Willow-herb), *Isoetes macrospora* (Quillwort), *Potamogeton vaseyi* (Vasey's Pondweed), and *Salix exigua* ssp. *interior* (Sandbar Willow).

In the dry woods, one can find such rarities as: *Asclepias exaltata* (Poke Milkweed), *Carex sparganioides* (Bur-reed Sedge), *Desmodium paniculatum* (Panicled Tick-trefoil), *Elymus villosus* (Hairy Wild Rye), *Fallopia scandens* (False Buckwheat), *Lysimachia quadrifolia* (Whorled Loosestrife), *Poa alsodes* (Woodland Poa), *Smilax herbacea* (Carrion-flower), and *Triodanis perfoliata* (Venus' Looking-glass). The provincially rare *Wolffia brasiliensis* (Watermeal) was found in a small beaver pond. There are also 18 species rated as sparse known from this site.

BURNT LANDS ALVAR

The Burnt Lands alvar is a provincially significant Area of Natural and Scientific Interest (ANSI) that straddles the Lanark/Ottawa boundary (Golden Line Road) in eastern Ramsay Township. The Crown Land portion of the alvar is regulated as a Nature Reserve Class provincial park. Alvars are areas of thin soil over flat-lying limestone bedrock. They are drought-prone in summer but may be seasonally-inundated in spring due to poor drainage. The site contains a diversity of coniferous forest, dry and moist alvar meadows, and areas of open exposed bedrock. Such site diversity and extreme conditions favour a number of specialized and otherwise rare plants. The Burnt Lands—as its name implies—is quite susceptible to forest fires in especially dry summers. An extensive forest fire swept through the area in 1870. A smaller but much more recent fire occurred along Golden Line Road in 1999. Forests in the Burnt Lands are severely damaged by fire due to the dry, thin soil and the trees are very slow to regenerate compared to those in areas with deeper, moister soil. The alvar is considered an important site in Keddy (2008) and is described in Sentes (2008).

The Lanark County portion of the alvar is mostly private land; however, there is a large block of Public Land beyond the travelled portion of the east side of Ramsay Concession 12. There is also some access along township roads, such as Golden Line Road, and along unused road allowances, such as the north ends of Ramsay Concessions 11A and 12. On the Ottawa side of Golden Line Road, a large area along the south side of March Road (County Road 49) is owned by the City of Ottawa and this area is quite accessible.

This site has been well explored over the years and many significant species have been recorded. Found nowhere else in the county are *Ceanothus herbaceus* (Narrow-leaved New Jersey Tea), *Cirsium discolor* (Prairie Thistle) (also provincially rare), *Crataegus macracantha* (Downy Hawthorn), and *Eragrostis frankii* (Frank's Love Grass). Two other provincially and county-wide rare plants occur here, *Astragalus neglectus* (Cooper's Milk-vetch) and *Sporobolus heterolepis* (Prairie Dropseed).

Many other rare-in-Lanark County plants are known from the Burnt Lands: *Amelanchier spicata* (Shadbush), *Arabis hirsuta* ssp. *pyncocarpa* (Hairy Rock Cress), *Calystegia spithamea* (Upright Bindweed), *Carex crawei* (Crawe's Sedge), *Carex richardsonii* (Richardson's Sedge), *Carex umbellata* (Umbel-like Sedge), *Diphasiastrum complanatum* (Ground-cedar), *Dracocephalum parviflorum* (Dragon-head), *Equisetum Xmackaii* (Hybrid Horsetail), *Eriophorum gracile* (Slender Cotton-grass), *Halenia deflexa* (Spurred-gentian), *Maianthemum canadense* var. *interius* (Hairy Wild Lily-of-the-valley), *Panicum flexile* (Wiry Panic Grass), *Pilea fontana* (Clearweed), *Polygala senega* (Seneca Snakeroot), *Scutellaria parvula* (Small Skullcap), *Solidago ptarmicoides* (Upland White Goldenrod), *Veronica peregrina* ssp. *xalapensis* (Purslane Speedwell), *Viola adunca* (Hooked Violet), and *Viola nephrophylla* (Northern Bog Violet). There are also 29 species rated as sparse known from this site.

CHRISTIE LAKE

In the southern portion of the county, the west end of Christie Lake and the adjacent Tay River support extensive areas of diverse marsh and aquatic communities. The rocky shoreline and small islands of this end of the lake also support a diverse flora due to the mix of igneous and marble bedrock present. Elevated rock barren meadows and dry woodland on the north side of the west end of the lake also contain many rare plants. These features have contributed to the area being identified as a Candidate ANSI (White, 1993).



Photo 2: The Tay River at the west end of Christie Lake.

The area of rock barren meadows and dry woodland north of the lake is considered an important site in Keddy (2008).

The area is easily accessed by canoe or kayak into the Tay River from a South Sherbrooke Township access lane on Hanna Road, about 500m east of Bolingbroke Road. The rock barren meadows and dry woodland overlooking the west end of the lake are easily seen from the water but are not very accessible.

Found nowhere else in the county are *Bouteloua curtipendula* (Side-oats Grama), *Gentianella quinquefolia* (Stiff Gentian), and *Sorghastrum nutans* (Indian Grass). The Side-oats Grama and Stiff Gentian are both provincially rare. Other rare aquatic and lakeshore species include: *Callitriche hermaphroditica* (Water-starwort), *Epilobium coloratum* (Purple-leaved Willow-herb), *Potamogeton foliosus* (Leafy Pondweed), and *Wolffia brasiliensis* (Watermeal) (also provincially rare).

The rock barren meadows and dry woodland support such rare species as: *Amelanchier arborea* (Juneberry), *Amelanchier spicata* (Shadbush), *Arabis holboellii* (Rock Cress), *Asplenium platyneuron* (Ebony Spleenwort), *Carex siccata* (Copper Sedge), *Desmodium paniculatum* (Panicled Tick-trefoil), *Hieracium umbellatum* (Kalm's Hawkweed), *Solidago ptarmicoides* (Upland White Goldenrod), *Triodanis perfoliata* (Venus' Looking-glass), and *Viola sagittata* var. *ovata* (Northern Downy Violet).

There are historic records of the rare *Potamogeton vaseyi* (Vasey's Pondweed) (1973) and *Salix nigra* (Black Willow) (1966). There are also 18 species rated as sparse known from this site. An additional sparse plant is known from an historic record.

CLAY BANK ALVAR

The Clay Bank alvar occurs near the north tip of the county in Pakenham Township and straddles the border with Renfrew County along Young and Barrie Roads. The Clay Bank alvar, the Panmure alvar, and the Burnt Lands alvar have many rare and sparse plants in common but each supports at least a few plants not found in the others. This alvar is all on private land; however, there is access to much of the flora of the area along township roads (Young, Barrie, and the 10th and 11th Concessions North Pakenham).

Found at Clay Bank but nowhere else in the County is *Ranunculus fascicularis* (Early Buttercup). Two rare alvar species from this area are also provincially rare: *Astragalus neglectus* (Cooper's Milk-vetch) and *Sporobolus heterolepis* (Prairie Dropseed). Other rare plants include: *Carex crawei* (Crawe's Sedge), *Carex richardsonii* (Richardson's Sedge), *Carex umbellata* (Umbel-like Sedge), *Luzula acuminata* (Acuminate Wood-rush), *Panicum flexile* (Wiry Panic Grass), *Polygala senega* (Seneca Snakeroot), *Scutellaria parvula* (Small Skullcap), and *Viola adunca* (Hooked Violet). There is an historic record (1940) of the rare *Symphyotrichum oolentangiense* (Azure Aster) from the alvar. There are also 10 species rated as sparse known from this site.

DIXON AND BOTTLE LAKES

These two small lakes occur near the northwest corner of the county in southwest Lavant Township. Both lakes occur in an area of acidic igneous bedrock that includes several poor fens, and boggy ponds and lakeshores. The area is little-developed and supports a wide range of forest communities, some of which are moderately-mature and have seen little recent cutting. A combination of geology, site history, and geographic location have combined to allow the area to support many locally rare plants.



Photo 3: The floating poor fen communities at Dixon Lake.

Much of the site is Public Land so it can be freely explored. The appropriately-named Bottle Lake Road, that goes into Bottle Lake, is usually navigable with a car; however, the side road in to Dixon Lake generally requires a 4X4 vehicle (or a 2 km hike). Both small lakes have canoe and kayak access points and this is the best way to explore their boggy shores and many of the floating poor fen communities.

Four rare plants are known within the county only from this location: *Oclemena nemoralis* (Bog Aster), *Utricularia purpurea* (Purple Bladderwort), *Utricularia resupinata* (Inverted Bladderwort), and *Viola lanceolata* (Lance-leaved Violet).

Other rare species in this area include: *Carex brunnescens* (Brownish Sedge), *Carex oligosperma* (Few-seeded Sedge), *Drosera intermedia* (Spatulate-leaved Sundew), *Eleocharis flavescens* var. *olivacea* (Olive-brown Spike-rush), *Eriocaulon aquaticum* (Pipewort), *Eriophorum tenellum* (Filiform Cotton-grass), *Gratiola neglecta* (Hedge-hyssop), *Hypericum ellipticum* (Pale St. John's-wort), *Juncus pelocarpus* (Brown-fruited Rush), *Lycopodiella inundata* (Bog Club-moss), *Oclemena acuminata* (Whorled Wood Aster), *Platanthera clavellata* (Club-spur Orchid), *Triadenum virginicum* (Virginia St. John's-wort), *Utricularia cornuta* (Horned Bladderwort), and *Utricularia gibba* (Humped Bladderwort). There are also 27 species rated as sparse known from this site.

LAVANT LONG LAKE

A large block of Public Land occurs in the northwest corner of the county in Lavant Township. The area around Lavant Long Lake, and adjacent Perch and Dobbie Lakes, is virtually undeveloped and supports a diverse range of forests, wetlands, and shorelines. Selective logging is ongoing in some of the area but there are extensive stands that have seen little recent disturbance. Old logging roads provide access into much of

this wild area; however, some of the wetter trails have been extensively damaged by ATV and 4X4 travel. Paddling the varied and virtually pristine shoreline of Lavant Long Lake is a very enjoyable daytrip, although getting a canoe or kayak into the lake is a challenge.

Carex merritt-fernaldii (Sedge) is known in the county only from this area. Other rare species include: *Coeloglossum viride* (Bracted Orchid), *Cryptogramma stelleri* (Slender Cliffbrake), *Gratiola neglecta* (Hedge-hyssop), *Hypericum ellipticum* (Pale St. John's-wort), *Lycopodium obscurum* (Ground-pine), *Pellaea atropurpurea* (Purple-stemmed Cliffbrake) (also provincially rare), *Platanthera orbiculata* (Round-leaved Orchid), *Potamogeton foliosus* (Leafy Pondweed), *Potamogeton strictifolius* (Strict-leaved Pondweed), *Pseudognaphalium obtusifolium* (Sweet Everlasting), *Rorippa palustris* ssp. *fernaldiana* (Yellow Cress), *Uvularia sessilifolia* (Sessile-leaved Bellwort), *Viola adunca* (Hooked Violet), and *Viola sagittata* var. *ovata* (Northern Downy Violet). There are also 28 species rated as sparse known from this site.

LOWNEY LAKE

This small lake occurs in northeast Darling Township in an area of marble bedrock. This calcareous substrate has contributed to the development of an extensive graminoid fen at the north end of the lake. Smaller fen and swamp communities occur around the south end as well. Most of the west and south sides of the lake are Public Land and this upland area supports diverse coniferous and mixed forests. The north and east sides of the lake are private but the north end fen and shorelines can be accessed from the lake using an unmarked lane that goes into a little-used boat launch (suitable only for canoes and kayaks) on Peneshula Road about 900m south of the bridge at the lake's north end. The lake's wetlands are part of the provincially significant White Lake Wetland Complex.

Rare plants from this area include: *Galium tinctorium* (Dyer's Bedstraw), *Goodyera tessellata* (Checkered Rattlesnake-plantain), *Platanthera dilatata* (White Bog Orchid), *Pterospora andromedea* (Pinedrops) (also provincially rare), *Spiranthes romanzoffiana* (Hooded Ladies'-tresses), and *Triglochin maritimum* (Arrow-grass). There are also 15 species rated as sparse known from this site. Two additional sparse plants are known from historic records.

MISSISSIPPI RIVER

The Mississippi River passes through many kilometres of Lanark countryside as it travels from Stump and Dalhousie Lakes in the west, across to Mississippi Lake in the east-central part of the county, and finally out past Pakenham near the northeast corner. The shoreline of this large river is of interest along much of its length; however, two sections stand out from a plant diversity perspective: the first section of interest includes the east end of Dalhousie Lake and the swamp- and marsh-lined portion of the Mississippi River from the lake almost to Sheridans Rapids in Dalhousie Township. Aquatic and shoreline communities are quite diverse at the east



Photo 4: The rocky rapids of the Mississippi River near Playfairville.

end of the lake, along the river, and in two shallow associated lakes (Purdons and McCullochs Mud Lakes) found halfway between Dalhousie Lake and Sheridans Rapids. These shallow lakes and adjacent river make up the provincially significant McCullochs Mud Lake Wetland.

The river below Dalhousie Lake is easily explored by kayak or canoe, and a boat launch exists at Sylvania Lodge at the foot of the lake. The river is quite slow-moving until it reaches Sheridans Rapids so paddling both ways in this section is relatively easy.

Rare plants in this area include: *Cyperus esculentus* var. *leptostachyus* (Ground-almond), *Eleocharis flavescens* var. *olivacea* (Olive-brown Spike-rush), *Isoetes macrospora* (Quillwort), *Salix exigua* ssp. *interior* (Sandbar Willow), *Spartina pectinata* (Tall Cord Grass), and *Symphytotrichum ontarione* (Ontario Aster).

The second portion of interest is the rocky, rapid-filled section of the river from Sheridans Rapids down to just past Playfairville in northeast Bathurst Township. After Sheridans Rapids, the river moves along more quickly, paddling becomes more challenging, and the trip becomes a one-way excursion. This section is popular with whitewater canoeists in early spring when the river volumes are high. Late in summer, several stretches below Sheridans Rapids can become too shallow for paddling, but portages exist at most of the rapids. The main boat access point for the lower section is at the two-part bridge on Sheridans Rapids Road. This area is considered an important site in Keddy (2008).

Rare plants in this area include: *Parnassia glauca* (Grass-of-parnassus), *Pilea fontana* (Clearweed), *Platanthera flava* var. *herbiola* (Tubercled Orchid) (also provincially rare), *Spiranthes lucida* (Shining Ladies'-tresses), *Torreyochloa pallida* var. *fernaldii* (Fernald's Manna Grass), and *Triglochin maritimum* (Arrow-grass). There are also 19 species rated as sparse known from this site overall. An additional sparse plant is known from an historic record.

MURPHYS POINT PROVINCIAL PARK

This large park occurs along the north shore of Big Rideau Lake in the south part of the county along the southern edge of North Burgess Township. It protects an extensive and diverse range of forest, wetland, and shoreline communities in an area of primarily acidic, igneous bedrock. The area's location in the southern tip of the county puts it within range of several rare and typically more-southern species. Murphys Point occurs along the Rideau River system—a major migration corridor. The northeast portion of the park has been identified as a Candidate ANSI (White, 1993). The park is considered an important site in Keddy (2008).

Being a provincial park, it can be freely explored and has an extensive trail network. A kayak or canoe is an excellent way to explore the rocky shoreline and diverse aquatic communities in the park. A sheltered boat launch occurs in the park at the mouth of Hoggs Bay.

The park has been well-studied over the years and many rare plants have been reported from it. Unknown elsewhere in Lanark County are: *Carex atlantica* (Prickly Bog Sedge) (also provincially rare), *Carex tribuloides* (Blunt-broom Sedge), and *Luzula multiflora* (Common Wood-rush). Other rare plants in the park include: *Amelanchier arborea* (Juneberry), *Arabis hirsuta* ssp. *pyncocarpa* (Hairy Rock Cress), *Carex brunnescens* (Brownish Sedge), *Carex formosa* (Sedge), *Carex hirtifolia* (Hairy Sedge), *Carex prasina* (Onion-coloured Sedge), *Carex siccata* (Copper Sedge), *Carya ovata* (Shagbark Hickory), *Claytonia virginica* (Virginian Spring-beauty), *Clematis occidentalis* (Purple Clematis), *Cyperus strigosus* (Strigose Cyperus), *Luzula acuminata* (Acuminate Wood-rush), *Panax trifolius* (Dwarf Ginseng), *Persicaria hydropiperoides* (False Water-pepper), *Potamogeton foliosus* (Leafy Pondweed), *Vaccinium corymbosum* (High Bush Blueberry), and *Woodwardia virginica* (Virginia Chain Fern).

There are historic records (not recorded since 1974) of the following rare species: *Anemone quinquefolia* (Wood Anemone), *Calamagrostis stricta* ssp. *inexpansa* (Northern Reed Grass), *Desmodium nudiflorum* (Naked-flowered Tick-trefoil), *Epilobium coloratum* (Purple-leaved Willow-herb), *Galium boreale* (Northern Bedstraw), *Myosotis laxa* (Smaller Forget-me-not), *Neobeckia aquatica* (Lake Cress), *Oclemena acuminata*

(Whorled Wood Aster), *Osmorhiza longistylis* (Anise-root), *Potamogeton ogdenii* (Ogden's Pondweed) (also provincially rare), *Potamogeton strictifolius* (Strict-leaved Pondweed), *Prenanthes alba* (White-lettuce), *Ranunculus gmelinii* (Yellow Water-crowfoot), *Salix nigra* (Black Willow), and *Torreyochloa pallida* var. *fernaldii* (Fernald's Manna Grass). There are also 25 species rated as sparse known from this site. An additional 11 sparse plants are known from historic records.

NAPIER LAKE

This lake, and several nearby small unnamed lakes, occurs in an extensive glacial moraine deposit in northwest Darling Township. Much of this underlying moraine is calcareous in nature which provides unusual groundwater conditions and may help to explain the rather large number of rare species known from this area. These features have contributed to the area being identified as the provincially significant Darling Township Forest ANSI (Brunton, 1990). The ANSI is also described in Sentesy (2008).



Photo 5: The aquamarine water of a small lake near Napier Lake.

The area consists of a mix of private land and Public Land so parts of it can be freely explored. Much of the private land is unfenced and has been unposted so it too can be hiked. The forests have seen extensive cutting at various times in the past but the lakes and kettle ponds are essentially undisturbed and this is where most of the interesting species are to be found. Campbells Road west of County Road 511 provides the best access to the site and the easternmost km or so goes through Public Land.

The area has been well-studied over the years and many rare plants have been reported from it. Unknown elsewhere in Lanark County are: *Carex prairea* (Prairie Sedge), *Eleocharis quinqueflora* (Spike-rush), and *Primula mistassinica* (Bird's-eye Primrose). Other rare plants in the area include: *Amelanchier arborea* (Juneberry), *Carex crawei* (Crawe's Sedge), *Carex lurida* (Sallow Sedge), *Carex scabrata* (Rough Sedge), *Carex sterilis* (Sedge), *Clematis occidentalis* (Purple Clematis), *Coeloglossum viride* (Bracted Orchid), *Dryopteris Xboottii* (Boott's Wood Fern), *Eleocharis intermedia* (Intermediate Spike-rush), *Epilobium palustre* (Swamp Willow-herb), *Equisetum Xmackaii* (Hybrid Horsetail), *Fallopia scandens* (False Buckwheat), *Lycopodiella inundata* (Bog Club-moss), *Lycopodium obscurum* (Ground-pine), *Ophioglossum pusillum* (Adder's-tongue Fern), *Potentilla anserina* (Silverweed), *Pterospora andromedea* (Pinedrops) (also provincially rare), *Rhynchospora capillacea* (Beak-rush), *Stellaria longifolia* (Long-leaved Chickweed), and *Uvularia sessilifolia* (Sessile-leaved Bellwort). There are also 34 species rated as sparse known from this site.

PANMURE ALVAR

The Panmure alvar occurs about 4 kilometres southeast of Pakenham in eastern Pakenham Township and straddles the Lanark County/Ottawa boundary. It is not far from and is part of the same formation as the Burnt Lands alvar. The site is private but there is some access at the south end from the Rock Coady Road allowance that goes north from Panmure Road. The alvar consists of an elevated limestone plateau with scanty soil. It is a mix of open coniferous woods, dry to moist grassy alvar meadows, and areas of bare exposed bedrock. These features have contributed to the area being identified as a Candidate ANSI (White, 1992).

Rare plants in this area include: *Arabis hirsuta* ssp. *pyncocarpa* (Hairy Rock Cress), *Astragalus neglectus* (Cooper's Milk-vetch) (also provincially rare), *Calystegia spithamea* (Upright Bindweed), *Carex crawei* (Crawe's Sedge), *Carex richardsonii* (Richardson's Sedge), *Carex umbellata* (Umbel-like Sedge), *Maianthemum canadense* var. *interius* (Hairy Wild Lily-of-the-valley), *Polygala senega* (Seneca Snakeroot), *Scutellaria parvula* (Small Skullcap), *Veronica peregrina* ssp. *xalapensis* (Purslane Speedwell), and *Viola adunca* (Hooked Violet). There are also eight species rated as sparse known from this site.

PINERY ROAD EAST

A dry alvar-like area occurs in the northeast part of Montague Township. Although it doesn't have the diversity and overall significance of the Burnt Lands or Panmure alvars, it is still an interesting area and it supports several significant species not found at the Burnt Lands or Panmure. The area is all private land but there is good access to much of its interesting flora along the east end of Pinery Road, the northern portion of Montague Boundary Road, and Ellen Maloney Road.

Not known elsewhere in the county is *Lobelia spicata* (Pale Spike Lobelia). Other rare plants in the area include: *Panicum flexile* (Wiry Panic Grass), *Potentilla arguta* (Tall Cinquefoil), *Solidago ptarmicoides* (Upland White Goldenrod), and *Verbena simplex* (Narrow-leaved Vervain). There are also 21 species rated as sparse known from this site. One additional sparse plant is known from an historic record.

PURDON CONSERVATION AREA

This diverse fen, located in central Dalhousie Township, is managed by Mississippi Valley Conservation whose focus is to protect and enhance the very large population of *Cypripedium reginae* (Showy Lady-slipper) and to provide easy access to the fen for visitors. The boardwalks and trails do give very good access to this special place but it can be very busy when the Showy Lady-slippers bloom in the latter half of June. The Conservation Area is considered an important site in Keddy (2008) and is described in Sentesy (2008).



Photo 6: Along the boardwalk through the fen at the Purdon Conservation Area.

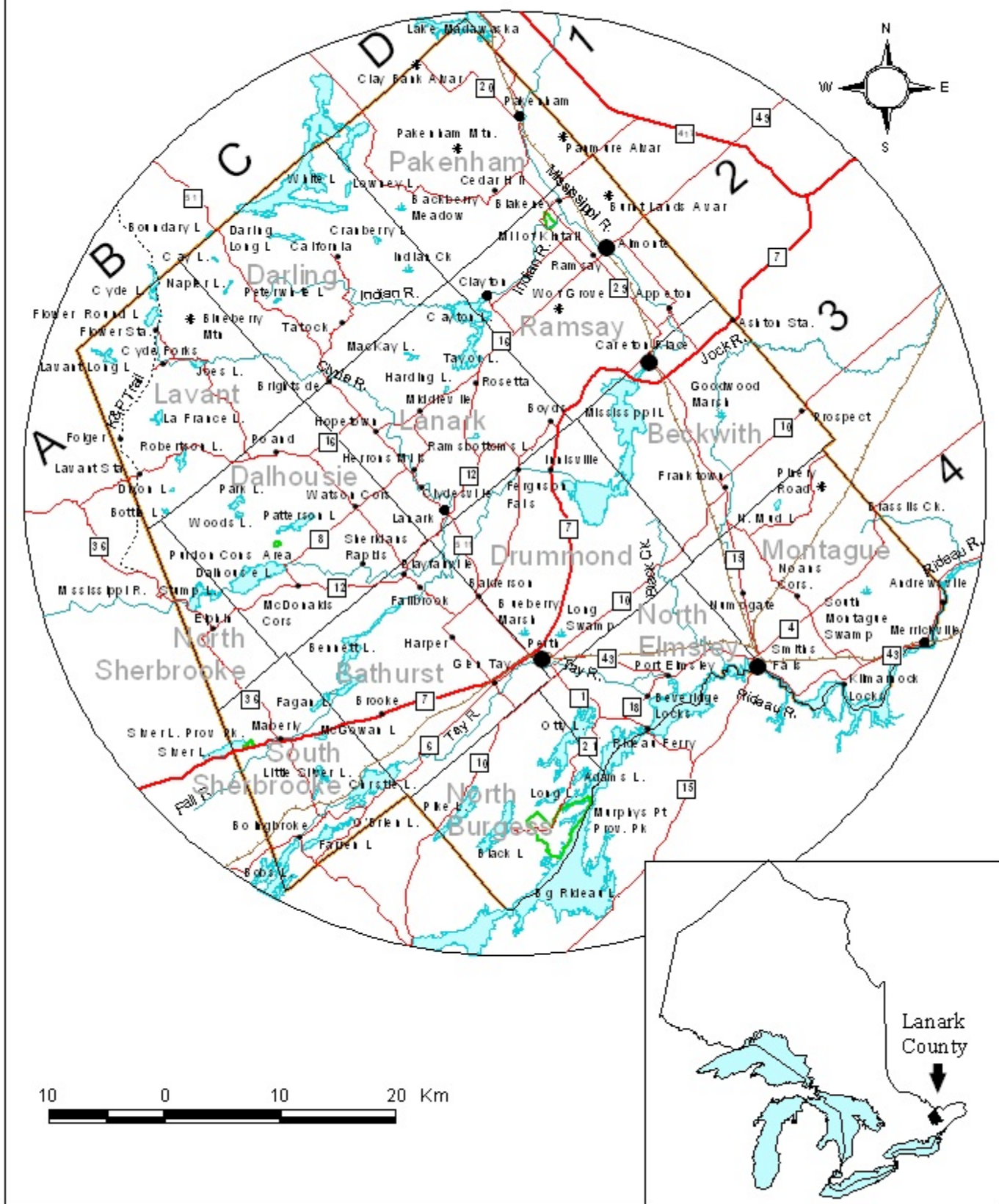
This is another area that has been well-studied over the years and a number of rare plants have been found there, although no Lanark plant is known only from the site. Rare plants in this area include: *Amelanchier arborea* (Juneberry), *Carex bromoides* (Brome-like Sedge), *Carex brunnescens* (Brownish Sedge), *Carex chordorrhiza* (Cord Sedge), *Carex livida* (Lead-coloured Sedge), *Eriophorum gracile* (Slender Cotton-grass), *Lycopodiella inundata* (Bog Club-moss), *Moehringia lateriflora* (Grove Sandwort), *Platanthera dilatata* (White Bog Orchid), *Platanthera orbiculata* (Round-leaved Orchid), *Potentilla arguta* (Tall Cinquefoil), *Uvularia sessilifolia* (Sessile-leaved Bellwort), and *Viola nephrophylla* (Northern Bog Violet). There are also 12 species rated as sparse known from this site.

ROBERTSON LAKE

This medium-sized lake in Lavant Township has several features of interest: diverse aquatics, numerous rocky islands, and areas of poor fen communities. Boat access exists at the northeast end of the lake at the community picnic area. The poor fen communities occur along the west side of the lake but are best accessed on foot from either side of a large culvert on the South Lavant Road just after Morrison Lane, about 1.5 kilometres west of the picnic area. The poor fen in this area, west of the cottages, is on Public Land and it can be explored freely.

Elodea nuttallii (Water-weed) and *Muhlenbergia uniflora* (One-flowered Muhlenbergia) are known in the county only from this site. Other rare plants include: *Arethusa bulbosa* (Dragon's-mouth), *Drosera intermedia* (Spatulate-leaved Sundew), *Eleocharis flavescens* var. *olivacea* (Olive-brown Spike-rush), *Platanthera clavellata* (Club-spur Orchid), and *Potamogeton strictifolius* (Strict-leaved Pondweed). There are also ten species rated as sparse known from this site. Two additional sparse plants are known from historic records.

Figure 2: Lanark County Locations



Index to Lanark County Locations

The following list presents all the location names mentioned in the checklist. In order to locate a place name on the preceding map, use the geographic township boundaries as an approximate reference grid with the letters across the northwest side of the county and the numbers down the northeast side as a guide. As an example, Andrews ville—which occurs in the extreme southeast corner of the county—is found at “D4” on the map. For a few features that span a large area, such as rivers, a range is given in the grid reference below.

Adams L.	B4	Elphin	A2	N. Elmsley Tp.	C4
Almonte	D2	Fagan L.	A3	N. Mud L.	D4
Andrewsville	D4	Fallbrook	B3	N. Sherbrooke Tp.	A2
Appleton	D2	Fall R.	A3-B3	Napier L.	C1
Ashton Sta.	D3	Farren L.	A3	Nolans Cors.	D4
Balderson	C3	Ferguson Falls	C3	Numogate	D4
Bathurst Tp.	B3	Flower Round L.	B1	O’Brien L.	A3
Beckwith Tp.	D3	Flower Sta.	B1	Otty L.	B4
Bennett L.	B3	Folger	B1	Pakenham	D1
Beveridge Locks	C4	Franktown	D3	Pakenham Mtn.	D1
Big Rideau L.	B4-C4	Glen Tay	B3	Pakenham Tp.	D1
Blackberry Meadow	D1	Goodwood Marsh	D3	Panmure Alvar	D1
Black Ck.	C3-C4	Harding L.	C2	Park L.	B2
Black L.	B4	Harper	B3	Patterson L.	B2
Blakeney	D2	Herrons Mills	C2	Perth	C3
Blueberry Marsh	C3	Hopetown	C2	Peterwhite L.	C1
Blueberry Mtn.	B1	Indian Ck.	C1	Pike L.	B4
Bobs L.	A3	Innisville	C3	Pinery Road	D4
Bolingbroke	A3	Jock R.	D3	Playfairville	B3
Bottle L.	B1	Joes L.	B1	Poland	B2
Boundary L.	C1	Kilmarnock Locks	D4	Port Elmsley	C4
Boys	C2	La France L.	B1	Prospect	D3
Brassils Ck.	D4	Lake Madawaska	D1	Purdon Cons. Area	B2
Brightside	C1	Lanark	C2	Ramsay	D2
Brooke	B3	Lanark Tp.	C2	Ramsay Tp.	D2
Burnt Lands Alvar	D2	Lavant Long L.	B1	Ramsbottoms L.	C2
California	C1	Lavant Sta.	B1	Rideau Ferry	C4
Carleton Place	D3	Lavant Tp.	B1	Rideau R.	C4-D4
Cedar Hill	D1	Little Silver L.	A3	Robertson L.	B1
Christie L.	A3	Long L.	B4	Rosetta	C2
Clay Bank Alvar	D1	Long Swamp	C3	S. Montague Swamp	D4
Clay L.	C1	Lowney L.	C1	S. Sherbrooke Tp.	A3
Clayton	D2	Maberly	A3	Sheridans Rapids	B2
Clayton L.	C2	MacKay L.	C2	Silver L.	A3
Clyde Forks	B1	McDonalds Cors.	B2	Silver L. Prov. Pk.	A3
Clyde L.	B1	McGowan L.	A3	Smiths Falls	C4
Clyde R.	B1-C3	Merrickville	D4	Stump L.	A2
Clydesville	C2	Middleville	C2	Tatlock	C1
Cranberry L.	C1	Mill of Kintail	D2	Taylor L.	C2
Dalhousie L.	B2	Mississippi L.	C3-D3	Tay R.	A3-C4
Dalhousie Tp.	B2	Mississippi R.	A2-D1	Watson Cors.	B2
Darling Long L.	C1	Montague Tp.	D4	White L.	C1-D1
Darling Tp.	C1	Murphys Pt. Prov. Pk.	B4	Wolf Grove	D2
Dixon L.	B1	N. Burgess Tp.	B4	Woods L.	B2
Drummond Tp.	C3				

ANNOTATED CHECKLIST

LYCOPODIACEAE CLUB-MOSS FAMILY STATUS IN LANARK COUNTY

<i>Diphasiastrum complanatum</i> (L.) Holub . . .	Ground-cedar	Rare, sandy woods: Burnt Lands; [Peterwhite L.-1972]
(<i>Lycopodium complanatum</i> L.)		
<i>Diphasiastrum digitatum</i> (A. Br.) Holub . . .	Fan-shaped Club-moss	Common
(<i>Lycopodium digitatum</i> A. Br.;		
<i>L. flabelliforme</i> (Fern.) Blanch.;		
<i>L. complanatum</i> L. var. <i>flabelliforme</i> Fern.)		
<i>Diphasiastrum tristachyum</i> (Pursh) Holub . .	Blue Ground-cedar	Uncommon (13), open mixed woods
(<i>Lycopodium tristachyum</i> Pursh)		
<i>Huperzia lucidula</i> (Michx.) Trev.	Shining Club-moss	Common
(<i>Lycopodium lucidulum</i> Michx.)		
<i>Lycopodiella inundata</i> (L.) Holub	Bog Club-moss	Rare, fens and poor fens: Dixon L.; Napier L.; Purdon Cons. Area
(<i>Lycopodium inundatum</i> L.)		
Note: Several species formerly included in <i>Lycopodium</i> have been moved to the genera <i>Diphasiastrum</i> , <i>Huperzia</i> and <i>Lycopodiella</i> .		
<i>Lycopodium annotinum</i> L.	Stiff Club-moss	Uncommon, mixed woods
<i>Lycopodium clavatum</i> L.	Staghorn Club-moss	Uncommon, open mixed woods
<i>Lycopodium dendroideum</i> Michx.	Ground-pine	Common
(<i>L. obscurum</i> L. var. <i>dendroideum</i> (Michx.) D. Eat.)		
<i>Lycopodium hickeyi</i> Wagner, Beitel & Moran .	Ground-pine	Sparse, mixed woods: Bottle L.; Cranberry L.; Dixon L.; Elphin (2); Joes L.; Lavant Long L.; Lavant Sta.; Murphys Pt. Pk.; Stump L.; Watson Cors.
(<i>L. obscurum</i> L. var. <i>isophyllum</i> Hickey)		
<i>Lycopodium obscurum</i> L.	Ground-pine	Rare, mixed woods: Lavant Long L.; Napier L.; Watson Cors.

EQUISETACEAE HORSETAIL FAMILY

<i>Equisetum arvense</i> L.	Field Horsetail	Common
<i>Equisetum fluviatile</i> L.	Water Horsetail	Common
<i>Equisetum hyemale</i> L. ssp. <i>affine</i>	Scouring-rush	Common
(Engelm.) Calder & Taylor		
<i>Equisetum scirpoides</i> Michx.	Dwarf Scouring-rush	Uncommon, moist mixed woods
<i>Equisetum sylvaticum</i> L.	Wood Horsetail	Uncommon, wet woods
<i>Equisetum variegatum</i> Schleich.	Variegated Horsetail	Uncommon, wet calcareous meadows and ditches
<i>Equisetum ×litorale</i> Kuhn.	Shoreline Horsetail	Rare, shores: [Innisville -1933]
(<i>E. arvense</i> × <i>E. fluviatile</i>)		
<i>Equisetum ×mackaii</i> (Newm.) Brichan	Hybrid Horsetail	Rare, sandy slopes: Burnt Lands; Napier L.
(<i>E. ×trachydou</i> A. Br.;		
<i>E. hyemale</i> × <i>E. variegatum</i>)		

SELAGINELLACEAE SPIKEMOSS FAMILY

<i>Selaginella eclipes</i> Buck	Meadow Spikemoss	Sparse, mainly calcareous shorelines: Carleton Place; Clyde Forks; Clydesville; Farren L.; Hopetown; Napier L.; Pike L.; Playfairville; Sheridans Rapids; [Dalhousie L.-1947]; [Innisville-1933]; [Lanark-pre1925]
(<i>S. apoda</i> auct. non (L.) Fern.)		
<i>Selaginella rupestris</i> (L.) Spring	Rock Spikemoss	Uncommon, open rocky slopes

ISOETACEAEQUILLWORT FAMILY

- Isoetes echinospora* Dur. ssp. *muricata* Spiny-spored Quillwort Sparse, shallow water: Big Rideau L. (2); Clyde L.; Flower Round L.; Long L.; Otty L.; Pike L.; Stump L. (2)
- Isoetes macrospora* Dur. Large-spored Quillwort Rare, shallow water: Bobs L.; Dalhousie L.
(*I. lacustris* L., p. pt.)

OPHIOGLOSSACEAEADDER'S-TONGUE FAMILY

- Botrychium dissectum* Spreng. Cut-leaved Grape Fern Rare, dry open ground: [Pakenham-1953]
(incl. forma *obliquum* (Muhl.) Fern.)
- Botrychium matricariifolium* (Döll) Daisyleaf Grape Fern Sparse, open woods and meadows: McDonalds Cors.; Murphys Pt. Pk.; Poland; Sheridans Rapids; Stump L.; Watson Cors.; [Pakenham-1952]; [Robertson L.-1960]
A. Br. ex Koch
- Botrychium multifidum* (Gmel.) Rupr. Leathery Grape Fern Common
- Botrychium simplex* E. Hitchc. Dwarf Grape Fern Sparse, open woods and meadows: Andrews ville; Bottle L.; Dalhousie L.; Murphys Pt. Pk.; Sheridans Rapids; Watson Cors.; Woods L.; [Prospect-1955]
- Botrychium virginianum* (L.) Sw. Rattlesnake Fern Common
- Ophioglossum pusillum* Raf. Adder's-tongue Fern Rare, moist open ground:
(*O. vulgatum* L. var. *pseudopodium* Innisville (2); Napier L.;
(Blake) Farw.) Playfairville ; [Prospect-1955];
[Watson Cors.-prob. extirpated]

OSMUNDACEAEFLOWERING FERN FAMILY

- Osmunda cinnamomea* L. Cinnamon Fern Common
- Osmunda claytoniana* L. Interrupted Fern Uncommon, moist woods
- Osmunda regalis* L. var. *spectabilis* Royal Fern Common
(Willd.) Gray

PTERIDACEAEMAIDENHAIR FERN FAMILY

- Adiantum pedatum* L. Maidenhair Fern Uncommon, rich deciduous woods
- Cryptogramma stelleri* (Gmel.) Prantl. Slender Cliffbrake Rare, calcareous cliffs: Clay L.; Lavant Long L.; Lavant Sta; White L.; [Dalhousie L.-1906]
- #S3 *Pellaea atropurpurea* (L.) Link Purple-stemmed Cliffbrake Rare, calcareous cliffs: Lavant Long L. (2)

DENNSTAEDTIACEAEBRACKEN FERN FAMILY

- Dennstaedtia punctilobula* (Michx.) Moore Hay-scented Fern Sparse, open woods: Bottle L.; California; Darling Long L.; Glen Tay; Joes L. (2); Watson Cors.; Wolf Grove; [Murphys Pt. Pk.-1974]
- Pteridium aquilinum* (L.) Kuhn Bracken Fern Common
var. *latiusculum* (Desv.) Underw. ex Hell.

THELYPTERIDACEAEMARSH FERN FAMILY

- Phegopteris connectilis* (Michx.) Watt Northern Beech Fern Uncommon, moist mixed woods
(*Thelypteris phegopteris* (L.) Slossen)

Thelypteris noveboracensis (L.) Nieuwl. New York Fern Sparse, rich woods: Bottle L.; Darling Long L.; Elphin; Innisville; Little Silver L.; Watson Cors. (2)

Thelypteris palustris Schott Marsh Fern Common

BLECHNACEAE

DEER-FERN FAMILY

Woodwardia virginica (L.) Sm. Virginia Chain Fern Rare, poor fens: Murphys Pt. Pk.; Wolf Grove

ASPLENIACEAE

SPLEENWORT FAMILY

Asplenium platyneuron (L.) Oakes Ebony Spleenwort Rare, open calcareous meadows: Christie L.; Joes L.; Rosetta; Sheridans Rapids; [Big Rideau L.-1910]; [Otty L.-1966]; [White L.-1974]

Asplenium rhizophyllum L. Walking Fern Sparse, calcareous outcrops: Bennett L.; California; Clyde Forks; Darling Tp.; Lavant Long L.; Lavant Sta.; Merrickville; Napier L.; Sheridans Rapids; Watson Cors.; [Boundary L.-1955]; [Fallbrook-1966]; [Rideau Ferry-1906]

Asplenium trichomanes L. Tetraploid Maidenhair

ssp. *quadrivalens* Meyer Spleenwort Rare, limestone: [Merrickville-1947]

Asplenium trichomanes L. ssp. *trichomanes* Maidenhair Spleenwort Uncommon (13), wooded outcrops

DRYOPTERIDACEAE

WOOD FERN FAMILY

Athyrium filix-femina (L.) Roth Lady Fern Common

var. *angustum* (Willd.) Lawson

Cystopteris bulbifera (L.) Bernh. Bulblet Fern Common

Cystopteris fragilis (L.) Bernh. Fragile Fern Uncommon, wooded cliffs

Cystopteris tenuis (Michx.) Desv. Mackay's Fragile Fern Uncommon, rocky woods

(*C. fragilis* (L.) Bernh. var. *mackayi* Laws.)

Deparia acrostichoides (Sw.) Kato Silvery Spleenwort Sparse, rich deciduous woods: Bolingbroke; Brightside; Darling Long L.; Dixon L.; Elphin; Innisville; Joes L.; Napier L.; Pakenham Mtn.; Peterwhite L.; Watson Cors.; [Pakenham-1943]

(*Athyrium thelypteroides* (Michx.) Desv.)

Diplazium pycnocarpon (Spreng.) Brown Narrow-leaved Spleenwort Rare, rich woods: Andrews ville; Brightside; Innisville

(*Athyrium pycnocarpon* (Spreng.) Tide.)

Dryopteris carthusiana (Vill.) H.P. Fuchs Spinulose Wood Fern Common

(*D. spinulosa* (Muell.) Watt)

Dryopteris clintoniana (D. Eat.) Dowell Clinton's Fern Rare, rich woods and mixed swamps: Andrews ville; Clayton; Wolf Grove; [Pakenham-1952]

Dryopteris cristata (L.) Gray Crested Wood Fern Uncommon, swamps and wet woods

Dryopteris fragrans (L.) Schott Fragrant Cliff Fern Rare, igneous cliffs: Folger

Dryopteris goldiana (Hook.) Gray Goldie's Fern Sparse, rich woods: Blakeney; Darling Long L.; Innisville; Joes L.; Lavant Long L.; Mill of Kintail; Pakenham Mtn.; Peterwhite L.; [Lanark-1966]; [Pakenham-1954]

Dryopteris intermedia (Muhl.) Gray Evergreen Wood Fern Common

Dryopteris marginalis (L.) Gray Marginal Shield Fern Common

<i>Dryopteris ×boottii</i> (Tuckerm.) Underw.	Boott's Wood Fern	Rare, damp woods: Napier L.; Pakenham
(<i>D. cristata</i> × <i>D. intermedia</i>)		
<i>Dryopteris ×triploidea</i> Wherry	Triploid Wood Fern	Rare, mixed woods: Mill of Kintail; [Pakenham Mtn.-1943]
(<i>D. carthusiana</i> × <i>D. intermedia</i>)		
<i>Gymnocarpium dryopteris</i> (L.) Newm.	Oak Fern	Common
<i>Matteuccia struthiopteris</i> (L.) Tod.	Ostrich Fern	Common
<i>Onoclea sensibilis</i> L.	Sensitive Fern	Common
<i>Polystichum acrostichoides</i> (Michx.) Schott .	Christmas Fern	Uncommon, rich woods
<i>Woodsia ilvensis</i> (L.) R. Br.	Rusty Woodsia	Uncommon, rocky slopes

POLYPODIACEAE POLYPODY FERN FAMILY

<i>Polypodium virginianum</i> L.	Rock Polypody	Common
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TAXACEAE YEW FAMILY

<i>Taxus canadensis</i> Marsh.	Canada Yew	Uncommon, moist mixed woods
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PINACEAE PINE FAMILY

<i>Abies balsamea</i> (L.) Mill.	Balsam Fir	Common
<i>Larix laricina</i> (Du Roi) K. Koch	Tamarack	Common
<i>Picea glauca</i> (Moench) Voss	White Spruce	Common
<i>Picea mariana</i> (Mill.) BSP.	Black Spruce	Sparse, bogs and poor fens: Andrewsville; Blueberry Marsh; Bottle L.; Goodwood Marsh; Harding L.; Joes L.; Napier L.; Silver L.; Woods L. (2)
* <i>Pinus banksiana</i> Lamb.	Jack Pine	Rare escape from cultivation: Hopetown; Lanark; McGowan L.
(*) <i>Pinus resinosa</i> Ait.	Red Pine	Uncommon as a native tree on rocky shores and dry ridges but also very commonly planted.
<i>Pinus strobus</i> L.	White Pine	Common
* <i>Pinus sylvestris</i> L.	Scotch Pine	Uncommon escape from cultivation
<i>Tsuga canadensis</i> (L.) Carr.	Hemlock	Common

CUPRESSACEAE CYPRESS FAMILY

<i>Juniperus communis</i> L.	Juniper	Common
(*) <i>Juniperus virginiana</i> L.	Red Cedar	Sparse, open woods and roadsides: native in the southern part of the county (locally common in the south portions of S. Sherbrooke Tp. and N. Burgess Tp.). A sparse adventive or escape from cultivation elsewhere in the county: Almonte; Andrewsville; Glen Tay; Hopetown; Perth (4); Silver L. Pk.; Smiths Falls
<i>Thuja occidentalis</i> L.	White Cedar	Common

TYPHACEAE CATTAIL FAMILY

(*) <i>Typha angustifolia</i> L.	Narrow-leaved Cattail	Uncommon, open wetlands
<i>Typha latifolia</i> L.	Cattail	Common
(*) <i>Typha ×glauca</i> Godr.	Hybrid Cattail	Common
(<i>T. angustifolia</i> × <i>T. latifolia</i>)		

SPARGANIACEAE

BUR-REED FAMILY

- Sparganium americanum* Nutt. American Bur-reed Rare, shallow water: [Carleton Place-1953]
- Sparganium angustifolium* Michx. Narrow-leaved Bur-reed Sparse, deep water: Blackberry Meadow; Darling Long L.; Lowney L.; Otty L.; Pakenham Mtn; Tatlock; White L.
- Sparganium emersum* Rehm. Stemless Bur-reed Common
(*S. chlorocarpum* Rydb)
- Sparganium eurycarpum* Engelm. Broad-fruited Bur-reed Uncommon, shorelines and marshes
- Sparganium fluctuans* (Morong) Robins. Floating Bur-reed Sparse, deep water: Bennett L.; Beveridge Locks; Blueberry Mtn., Clyde Forks; Clyde L.; Dixon L.; Flower Round L.; Lavant Sta.; [Murphys Pt. Pk.-1974]
- Sparganium natans* L. Small Bur-reed Uncommon (13), shallow water
(*S. minimum* (Hartm.) Fries)

POTAMOGETONACEAE

PONDWEED FAMILY

Note: Two local species formerly included in *Potamogeton* have been moved to the genus *Stuckenia*.

- Potamogeton alpinus* Balb. Alpine Pondweed Uncommon, shallow water
- Potamogeton amplifolius* Tuckerm. Large-leaved Pondweed Common, deep water
- * *Potamogeton crispus* L. Curly Pondweed Uncommon (14) but spreading in shallow water
- Potamogeton epihydrus* Raf. Emerged Pondweed Common
- Potamogeton foliosus* Raf. Leafy Pondweed Rare, shallow water: Christie L.; Lavant Long L.; Murphys Pt. Pk.; Patterson L.; Watson Cors.; [Fallbrook-1969]; [Mississippi L.-1947]; [Otty L.-1947]
- Potamogeton friesii* Rupr. Fries' Pondweed Sparse, shallow water: Bennett L.; Big Rideau L.; Bobs L.; Hopetown; Innisville; Otty L.
- Potamogeton gramineus* L. Grass-leaved Pondweed Common, shallow water
- Potamogeton illinoensis* Morong Illinois Pondweed Sparse, shallow water: Beveridge Locks; Bobs L.; Christie L. (2); Clyde Forks; Darling Long L. (2); Port Elmsley; Robertson L.; Sheridans Rapids; Smiths Falls; Tatlock; [Goodwood Marsh-1941]; [Jock R.-1941]; [Mississippi L.-1950]; [Silver L.-1947]
- Potamogeton natans* L. Floating Pondweed Uncommon, shallow water
- Potamogeton nodosus* Poir. Knotted Pondweed Sparse, shallow water: Blakeney; Christie L.; Clydesville; Dalhousie L.; Darling Long L.; Lanark; MacKay L.; Pakenham; Sheridans Rapids; White L.; [Almonte-1977]; [Blakeney-1953]
- #SH *Potamogeton ogdenii* Hellquist & Hilton Ogden's Pondweed Rare, shallow water: [Murphys Pt. Pk.-1974] (COSEWIC, 2007)

<i>Potamogeton perfoliatus</i> L.	Perfoliate Pondweed	Uncommon (14), shallow water
<i>Potamogeton praelongus</i> Wulfen	White-stem Pondweed	Sparse, shallow water: Adams L.; Blueberry Mtn., Christie L.; Clayton L.; Clyde L.; Dalhousie L.; Port Elmsley; Stump L.; White L.; Woods L. (2); [Carleton Place- 1951]
<i>Potamogeton pusillus</i> L.	Small Pondweed	Common
<i>Potamogeton richardsonii</i> (A. Benn.) Rydb.	Richardson's Pondweed	Uncommon, shallow water
<i>Potamogeton robbinsii</i> Oakes	Robbin's Pondweed	Uncommon, shallow water
<i>Potamogeton spirillus</i> Tuckerm.	Northern Snailseed Pondweed	Rare, shallow water: Blueberry Mtn.
<i>Potamogeton strictifolius</i> A. Benn.	Strict-leaved Pondweed	Rare, shallow water: Joes L.; Lavant Long L.; Otty L.; Park L.; Robertson L.; [Murphys Pt. Pk.- 1974]; [White L.-1952]
<i>Potamogeton vaseyi</i> Robb.	Vasey's Pondweed	Rare, shallow water: Beveridge Locks; Bobs L.; Smiths Falls; [Christie L.-1973]
<i>Potamogeton zosteriformis</i> Fern.	Flat-stem Pondweed	Common, shallow water
<i>Stuckenia filiformis</i> (Pers.) Börner	Threadleaf Pondweed	Rare, shallow water: Andrews ville; (<i>Potamogeton filiformis</i> Pers.) Big Rideau L.; Lanark; Otty L.
<i>Stuckenia pectinata</i> (L.) Börner	Comb-like Pondweed	Uncommon, quiet water
(<i>Potamogeton pectinatus</i> L.)		

NAJADACEAE

NAIAD FAMILY

<i>Najas flexilis</i> (Willd.) Rostk. & Schmidt	Naiad	Uncommon, shallow water
#S3 <i>Najas guadalupensis</i> (Spreng.) Magn.	Naiad	Sparse, shallow water: Adams L.; Bobs L.; Christie L. (2); Little Silver L.; Long L.; Otty L.; Smiths Falls
ssp. <i>olivacea</i> (Rosen. & Butt.) Haynes & Hellquist		

JUNCAGINACEAE

ARROW-GRASS FAMILY

<i>Triglochin maritimum</i> L.	Arrow-grass	Rare, fens and calcareous shores: Lowney L.; Nolans Cors.; Numogate; Ramsbottoms L.; Sheridans Rapids; [White L.-1972]
<i>Triglochin palustre</i> L.	Marsh Arrow-grass	Rare, fens: Ramsbottoms L.

ALISMATACEAE

WATER-PLANTAIN FAMILY

<i>Alisma gramineum</i> Lej.	Narrow-leaved Water-plantain	Sparse, shallow water: Big Rideau L. (2); Bobs L.; Murphys Pt. Pk. (2); Port Elmsley; Rideau Ferry (2); Smiths Falls (2)
<i>Alisma triviale</i> Pursh	Water-plantain	Common
(<i>A. plantago-aquatica</i> auct. non L.)		
<i>Sagittaria cuneata</i> Sheldon	Arrowleaf	Uncommon (19), shallow water
<i>Sagittaria graminea</i> Michx.	Grass-leaved Arrowhead	Sparse, shallow water: Clydesville; Dalhousie L.; Kilmarnock Locks; Lanark (2); Sheridans Rapids
<i>Sagittaria latifolia</i> Willd.	Broad-leaved Arrowhead ...	Common
<i>Sagittaria rigida</i> Pursh	Stiff-leaved Arrowhead	Uncommon (14), shallow water

BUTOMACEAE**FLOWERING-RUSH FAMILY**

- * *Butomus umbellatus* L. Flowering-rush Uncommon, mainly shorelines along Rideau R. and Mississippi R.

HYDROCHARITACEAE**FROG'S-BIT FAMILY**

- Elodea canadensis* Michx. Canada Water-weed Common
Elodea nuttallii (Planch.) St. John Water-weed Rare, shallow water: Robertson L.
 * *Hydrocharis morsus-ranae* L. European Frog's-bit Common
Vallisneria americana Michx. American Eel-grass Common

POACEAE (GRAMINEAE)**GRASS FAMILY**

- * *Agropyron cristatum* (L.) Gaertn. Crested Wheat Grass Rare, roadsides: Beveridge Locks
 ssp. *pectinatum* (M. Bieb.) Tzvelev
 * *Agrostis gigantea* Roth Redtop Common
 (*A. alba* auct. non L.)
Agrostis perennans (Walt.) Tuckerm. Autumn Bent Grass Sparse, shorelines: Bottle L.; Darling Long L.; Dixon L.; Joes L.; Lavant Long L.; Otty L.; Playfairville; Robertson L. (2); [Almonte-1953]; [Mississippi L.-1969]; [Murphys Pt. Pk.-1974]
Agrostis scabra Willd. Tickle Grass Uncommon (16), rocky meadows
Agrostis stolonifera L. Creeping Bent Grass Common
 (*A. alba* L. var. *palustris* (Huds.) Pers.;
 A. palustris Huds.)
Alopecurus aequalis Sobol Short-awn Foxtail Sparse, open wetlands: Big Rideau L.; Blackberry Meadow; Burnt Lands; Napier L.; Smiths Falls; White L. (2); [Perth-1953]
 * *Alopecurus geniculatus* L. Marsh Foxtail Rare, roadside ditches: Perth
 * *Alopecurus pratensis* L. Meadow Foxtail Sparse, meadows: Almonte (2); Big Rideau L.; Murphys Pt. Pk.; Perth (2)
 * *Andropogon gerardii* Vitm. Big Bluestem Rare, rail lines: Glen Tay.
 A native prairie grass elsewhere in Ontario but the Glen Tay population is adventive along a rail line.
 * *Apera interrupta* (L.) Beauv. Interrupted Wind Grass Rare, disturbed ground: Murphys Pt. Pk.; Silver L. Pk.; Watson Cors.
 (*Agrostis interrupta* L.)
 * *Arrhenatherum elatius* (L.) Beauv. ex Presl . Tall Oat Grass Rare, rail lines: Carleton Place; Perth
 * *Avena fatua* L. Wild Oats Rare, disturbed ground: Glen Tay; [Murphys Pt. Pk.-1974]; [Pakenham-1953]
 * *Avena sativa* L. Cultivated Oats Uncommon escape from cultivation
 #S2 *Bouteloua curtipendula* (Michx.) Torr. Side-oats Grama Rare, marble slopes: Christie L.
Brachyelytrum aristosum (Michx.) Trel. ... Bearded Shorthusk Uncommon, rich woods
 in Brann. & Cov. (*B. erectum* (Schreb.) Beauv.
 var. *glabratum* (Vasey) Koyama & Kawano
Bromus ciliatus L. Fringed Brome Grass Uncommon (16), open woods
 * *Bromus commutatus* Schrad. Smooth Brome Grass Rare, rail lines: Glen Tay
 * *Bromus inermis* Leyss. Awnless Brome Grass Common

<i>Bromus kalmii</i> Gray	Kalm's Brome Grass	Sparse, dry meadows: Burnt Lands; Christie L.; Clay Bank; Lavan Long L.; McGowan L.; Pinery Rd. ; [Clayton-1969]; [Murphys Pt. Pk.-1974]
* <i>Bromus squarrosus</i> L.	Brome Grass	Sparse, rail lines: Bolingbroke; Glen Tay; Maberly; McGowan L.; Pakenham; Smiths Falls (2)
* <i>Bromus tectorum</i> L.	Downy Chess	Sparse, mainly rail lines: Big Rideau L.; Christie L.; Glen Tay; Little Silver L.; Murphys Pt. Pk.; Perth (2); Smiths Falls (2)
* <i>Bromus</i> × <i>pseudothominii</i> P.M. Sm. (<i>B. mollis</i> auct.; <i>B. hordeaceus</i> × <i>B. lepidus</i>)	Brome Grass	Rare, disturbed ground: Murphys Pt. Pk.
<i>Calamagrostis canadensis</i> (Michx.) Beauv.	Canada Bluejoint	Common
<i>Calamagrostis stricta</i> (Timm) Koeler ssp. <i>inexpansa</i> (Gray) Greene (<i>C. inexpansa</i> Gray)	Northern Reed Grass	Rare, shorelines: [Murphys Pt. Pk.-1974] (Lindsay, 1974)
<i>Cinna arundinacea</i> L.	Stout Woodreed	Rare, rich woods: Carleton Place; Peterwhite L.
<i>Cinna latifolia</i> (Trev. ex Goepp.) Griseb.	Drooping Woodreed	Uncommon (16), rich woods
* <i>Dactylis glomerata</i> L.	Orchard Grass	Common
<i>Danthonia spicata</i> (L.) Beauv. ex R. & S.	Poverty Grass	Common
<i>Deschampsia flexuosa</i> (L.) Trin.	Wavy Hair Grass	Uncommon, open rocky sites
<i>Dichanthelium acuminatum</i> (Sw.) Gould & Clark (<i>s.l.</i>) (<i>Panicum acuminatum</i> Sw.; <i>P. lanuginosum</i> Ell.)	Hairy Panic Grass	Common
<i>Dichanthelium boreale</i> (Nash) Freckm. (<i>Panicum boreale</i> Nash)	Northern Panic Grass	Rare, open moist soil: McGowan L.; Wolf Grove; [Almonte-pre1959]
<i>Dichanthelium depauperatum</i> (Muhl.) Gould (<i>Panicum depauperatum</i> Muhl.)	Impoverished Panic Grass	Sparse, open dry meadows: Bennett L.; Big Rideau L.; Clay L.; Napier L.; Otty L.; White L. (2)
<i>Dichanthelium latifolium</i> (L.) Gould & Clark (<i>Panicum latifolium</i> L.)	Broad-leaved Panic Grass	Uncommon (13), open rocky woods
<i>Dichanthelium linearifolium</i> (Scribn.) Gould (<i>Panicum linearifolium</i> Scribn.)	Narrow-leaved Panic Grass	Uncommon (14), dry rocky slopes
<i>Dichanthelium xanthophysum</i> (Gray) Freckm. (<i>Panicum xanthophysum</i> Gray)	Yellow Panic Grass	Uncommon (14), open dry woods
* <i>Digitaria ischaemum</i> (Schreb.) Schreb. ex Muhl.	Small Crab Grass	Common
* <i>Digitaria sanguinalis</i> (L.) Scop.	Large Crab Grass	Common
* <i>Echinochloa crusgalli</i> (L.) Beauv.	Barnyard Grass	Uncommon, disturbed ground
(*) <i>Echinochloa muricata</i> (Beauv.) Fern. var. <i>microstachya</i> Wieg. (<i>E microstachya</i> (Wieg.) Rydb.; <i>E. wiegandii</i> (Fassett) McNeill & Dore)	Barnyard Grass	Common
<i>Elymus hystrix</i> L. (<i>Hystrix patula</i> Moench)	Bottle-brush	Uncommon, rich woods
* <i>Elymus repens</i> (L.) Gould. (<i>Agropyron repens</i> (L.) Beauv.)	Quack Grass	Common
<i>Elymus trachycaulus</i> (Link) Gould (<i>Agropyron trachycaulum</i> (Link) Malte)	Wheat Grass	Uncommon (15), dry open woods
<i>Elymus villosus</i> Muhl. ex Willd.	Hairy Wild Rye	Rare, dry woods: Bobs L.; Carleton Place; Fallbrook
<i>Elymus virginicus</i> L.	Virginia Wild Rye	Uncommon, floodplains

<i>Elymus wiegandii</i> Fern.	Wiegand's Wild Rye	Rare, floodplains: Folger; Poland
* <i>Eragrostis cilianensis</i> (All.) Lutati ex Hubb.	Stinking Love Grass	Rare, disturbed ground: Smiths Falls (Dore & McNeill, 1980)
<i>Eragrostis frankii</i> C. Meyer ex Steud.	Frank's Love Grass	Rare, roadsides: Burnt Lands
* <i>Eragrostis minor</i> Host	Little Love Grass	Uncommon, disturbed ground
(<i>E. poaeoides</i> Beauv. ex R. & S.)		
<i>Eragrostis pectinacea</i> (Michx.)	Pectinate Love Grass	Rare, disturbed ground: California; Carleton Place; Smiths Falls
Nees ex Steud.		
* <i>Festuca rubra</i> L.	Red Fescue	Sparse, meadows: Andrews ville; Burnt Lands; Clydesville; Dalhousie L.; Maberly; Smiths Falls; Taylor L.
<i>Festuca subverticillata</i> (Pers.) Alex.	Nodding Fescue	Sparse, rich woods: Big Rideau L.; Carleton Place; Innisville; Joes L.; Little Silver L.; Merrickville; Murphys Pt. Pk.; Napier L.; Sheridans Rapids; Watson Cors.; Wolf Grove
(<i>F. obtusa</i> Biehler)		
* <i>Festuca trachyphylla</i> (Hack.) Krajina	Sheep Fescue	Sparse, roadsides: Andrews ville; Brooke; Carleton Place; Christie L.; Dalhousie L.; Murphys Pt. Pk.; Perth; Silver L. Pk.; Watson Cors.;
(<i>F. brevipila</i> Tracey; <i>F. longifolia</i> auct. non Thuill.; <i>F. ovina</i> auct. non L.)		
<i>Glyceria borealis</i> (Nash) Batch.	Northern Manna Grass	Uncommon, shallow water
<i>Glyceria canadensis</i> (Michx.) Trin.	Canada Manna Grass	Uncommon, shorelines and marshes
<i>Glyceria grandis</i> Wats.	American Manna Grass	Common
* <i>Glyceria maxima</i> (Hartm.) Holmb.	Great Manna Grass	Uncommon but spreading aggressively in open wetlands
<i>Glyceria striata</i> (Lam.) Hitchc.	Fowl Manna Grass	Common
(*) <i>Hierochloa odorata</i> (L.) Beauv.	Sweet Grass	Rare, roadsides: Burnt Lands Native elsewhere in Ontario but the Burnt Lands population is adventive along a roadside.
(<i>Anthoxanthum nitens</i> (Weber) Schouter & Veldkamp)		
* <i>Hordeum jubatum</i> L.	Fox-tail Barley	Common
* <i>Hordeum vulgare</i> L.	Barley	Uncommon escape from cultivation
<i>Leersia oryzoides</i> (L.) Sw.	Rice Cut Grass	Common
<i>Leersia virginica</i> Willd.	White Grass	Rare, rich woods: Blakeney; Clyde Forks
* <i>Lolium arundinaceum</i> (Schreb.) Darbys. ..	Tall Fescue	Uncommon, mainly roadsides
(<i>Festuca arundinacea</i> Schreb.)		
* <i>Lolium perenne</i> L.	Perennial Rye Grass	Uncommon, disturbed ground
(incl. <i>L. multiflorum</i> Lam.)		
* <i>Lolium pratense</i> (Huds.) Darbys.	Meadow Fescue	Common
(<i>Festuca pratensis</i> Huds.)		
<i>Milium effusum</i> L.	Wild Millet	Sparse, rich woods: Clayton; Dalhousie L.; Elphin; Joes L; Lavant Sta.; Robertson L.; Silver L. Pk.; Watson Cors.; [Merrickville- 1963]; [Perth-1980]; [Smiths Falls- 1964]
* <i>Miscanthus sacchariflorus</i> (Maxim.) Hack. .	Plume Grass	Rare garden escape: Numogate; Smiths Falls
<i>Muhlenbergia glomerata</i> (Willd.) Trin.	Agglomerated Muhlenbergia .	Uncommon, moist meadows
<i>Muhlenbergia mexicana</i> (L.) Trin.	Mexican Muhlenbergia	Common
<i>Muhlenbergia uniflora</i> (Muhl.) Fern.	One-flowered Muhlenbergia .	Rare, poor fens: Robertson L.
<i>Oryzopsis asperifolia</i> Michx.	Rice Grass	Common

- Oryzopsis pungens* (Torr. ex Spreng.) Hitchc. Sharp-leaved Mountain-rice . Uncommon (16), dry rocky meadows
- Oryzopsis racemosa* (Sm.) Ricker ex Hitchc. Mountain-rice Uncommon, rich woods
- Note:** Several species formerly included in *Panicum* have been moved to the genus *Dichanthelium*.
- Panicum capillare* L. Old Witch Grass Common
- * *Panicum dichotomiflorum* Michx. Fall Panic Grass Rare, roadsides: Carleton Place
- Panicum flexile* (Gatt.) Scribn. Wiry Panic Grass Rare, thin soil on limestone: Burnt Lands; Clay Bank; Pinery Rd.
- * *Panicum miliaceum* L. Millet Sparse, mostly rail lines: Carleton Place; Christie L.; Glen Tay; Middleville; Pakenham; Perth; Smiths Falls; [Lanark-1953]
- Panicum philadelphicum* Bernh. ex Trin. . . Philadelphia Witch Grass . . . Sparse, dry rocky meadows: Burnt Lands; Carleton Place; Clay Bank; Joes L.; Lavant Long L.; Lavant Sta.; McDonalds Cors.; Numogate; Panmure; Pinery Rd. (2); Woods L.; [Rideau Ferry-1947]
- Panicum tuckermanii* Fern. Tuckerman's Panic Grass . . . Rare, shorelines: Playfairville;
- * *Panicum virgatum* L. Switch Grass Rare, rail lines: Glen Tay. A native prairie grass elsewhere in Ontario but the Glen Tay population is adventive along a rail line.
- (*) *Phalaris arundinacea* L. Reed Canary Grass Common
- * *Phleum pratense* L. Timothy Common
- Phragmites australis* (Cav.) Trin. ex Steud. . Common Reed Grass Uncommon (16), mainly fens and marshes
- ssp. *americanus* Saltonstall, Peterson & Soreng
- * *Phragmites australis* (Cav.) Trin. ex Steud. . European Reed Grass Uncommon, but increasing along roadside ditches
- ssp. *australis*
- Poa alsodes* Gray Woodland Poa Rare, rich woods: Bolingbroke; Carleton Place; Clayton; Elphin; Perth
- * *Poa annua* L. Annual Meadow Grass Common
- * *Poa bulbosa* L. Bulbous Poa Rare, mainly campsites: Murphys Pt. Pk.; Silver L. Pk.; Watson Cors.
- * *Poa compressa* L. Canada Blue Grass Common
- * *Poa nemoralis* L. Wood Meadow Grass Sparse, disturbed woods: Almonte; Blueberry Mtn., Carleton Place; Clyde L.; Herrons Mills; Lanark; Silver L. Pk.; Smiths Falls; Stump L.; Watson Cors.; [Blakeney-1953]
- Poa palustris* L. Swamp Meadow Grass Uncommon, shorelines and marshes
- * *Poa pratensis* L. Kentucky Blue Grass Common
- Poa saltuensis* Fern. & Wieg. Forest Meadow Grass Sparse, open woods: Clayton; Elphin (2); Joes L.; Mill of Kintail; Napier L.; Peterwhite L.; White L.
- * *Poa trivialis* L. Rough Meadow Grass Rare, disturbed ground: Murphys Pt. Pk.
- * *Puccinellia distans* (Jacq.) Parl. Alkali Grass Sparse, salty roadsides: Almonte (2); Carleton Place; McGowan L.; Perth (2); Smiths Falls (3)
- * *Puccinellia nuttalliana* (Schultes) Hitchc. . . Saltmarsh Grass Rare, salty roadsides: Carleton Place; Smiths Falls
- Schizachne purpurascens* (Torr.) Swallen . . False Melic Grass Common

- * *Schizachyrium scoparium* (Michx.) Nees ... Little Bluestem Rare, rail lines: Smiths Falls.
(*Andropogon scoparius* Michx.) A native prairie grass elsewhere in Ontario but the large Smiths Falls population is adventive in a rail yard.
- * *Secale cereale* L. Rye Rare and short-lived escape from cultivation: Merrickville; Perth; Silver L. Pk.; White L.
- * *Setaria faberi* R. Herrm. Giant Foxtail Rare, rail lines: Smiths Falls
- * *Setaria italica* (L.) Beauv. Foxtail Millet Rare, disturbed ground: Little Silver L.; [Carleton Place-1911]
- * *Setaria pumila* (Poir.) R. & S. Foxtail Rare, disturbed ground: Clayton; (S. *glauca* auct. non (L.) Beauv.) Watson Cors.; [Almonte-1946]; [Murphys Pt. Pk.-1974];
- * *Setaria verticillata* (L.) Beauv. Bur Bristle Grass Rare, disturbed ground: [Pakenham-1953]
- * *Setaria viridis* (L.) Beauv. Green Foxtail Common
- Sorghastrum nutans* (L.) Nash Indian Grass Rare, marble slopes: Christie L.
- (*) *Spartina pectinata* Link Tall Cord Grass Rare, native along shorelines: Blakeney; Dalhousie L.; but adventive along roadsides and rail lines: N. Mud L.; Silver L.; [Glen Tay-1968]
- Sphenopholis intermedia* (Rydb.) Rydb. Slender Wedge Grass Uncommon (16), shorelines and open woods
- * *Sporobolus cryptandrus* (Torr.) Gray Sand Dropseed Sparse, roadsides and rail lines: Almonte; Christie L.; Glen Tay; Hopetown; Maberly; McDonalds Cors.; Pakenham; Perth; Silver L. Pk.; Smiths Falls. Native elsewhere in Southern Ontario.
- #S3 *Sporobolus heterolepis* (Gray) Gray Prairie Dropseed Rare, alvars: Burnt Lands; Clay Bank
- (*) *Sporobolus neglectus* Nash Overlooked Dropseed Common
- (*) *Sporobolus vaginiflorus* (Torr. ex Gray) Ensheathed Dropseed Common
Torr. ex Wood
- Torreyochloa pallida* (Torr.) Church Fernald's Manna Grass Rare, shallow water: Clyde Forks; var. *fernaldii* (Hitchc.) Dore ex Koyama Numogate; Sheridans Rapids; & Kawano White L.; [Black Ck.-1953]; [Murphys Pt. Pk.-1974]; [Perth-1947]
- #S2 *Torreyochloa pallida* (Torr.) Church Manna Grass Rare, shallow water: Rideau Ferry
var. *pallida*
- Trisetum melicoides* (Michx.) Vasey ex Scribn. Melica-like Trisetum Rare, rocky shorelines: Playfairville
- Trisetum spicatum* (L.) Richter Spike Trisetum Rare, rocky meadows: Peterwhite L.
- * *Triticum aestivum* L. Wheat Rare and short-lived escape from cultivation: Glen Tay; Murphys Pt. Pk.; Smiths Falls
- * *Vulpia myuros* (L.) C.C. Gmel. Rat's-tail Fescue Rare, disturbed ground: Murphys Pt. Pk.
(*Festuca myuros* L.)
- Zizania palustris* L. Wild Rice Uncommon, shallow water

CYPERACEAE

SEDGE FAMILY

	<i>Bolboschoenus fluviatilis</i> (Torr.) Soják	River Bulrush	Sparse ¹ , sandy shorelines: Blakeney; Dalhousie L.; Ferguson Falls; Lanark (2); Pakenham; Port Elmsley; Rideau Ferry
	(<i>Scirpus fluviatilis</i> (Torr.) Gray)		
	<i>Carex albursina</i> Sheld.	White Bear Sedge	Uncommon (14), rich woods
	(<i>C. laxiflora</i> Lam. var. <i>latifolia</i> Boott)		
	<i>Carex alopecoidea</i> Tuckerm.	Foxtail Sedge	Rare, rocky shorelines: Blakeney
	<i>Carex aquatilis</i> Wahl.	Aquatic Sedge	Common
	<i>Carex arctata</i> Boott	Compressed Sedge	Common
	<i>Carex atherodes</i> Spreng.	Awned Sedge	Rare, wet soil: Dalhousie L.; [Ramsay-1862]
#S1	<i>Carex atlantica</i> Bailey	Prickly Bog Sedge	Rare, marshes: Murphys Pt. Pk.
	<i>Carex aurea</i> Nutt.	Golden Sedge	Uncommon (19), moist calcareous meadows
	<i>Carex backii</i> Boott	Back's Sedge	Uncommon (13), open rocky woods
	<i>Carex bebbii</i> (Bailey) Olney ex Fern.	Bebb's Sedge	Uncommon, meadows
	<i>Carex blanda</i> Dew.	Sedge	Uncommon, rich woods
	(<i>C. laxiflora</i> Lam. var. <i>blanda</i> (Dew.) Boott)		
	<i>Carex brevior</i> (Dew.) Mack. ex Lunell	Short-headed Sedge	Sparse, dry meadows: Christie L. (2); Joes L.; Lanark; Lavant Long L.; Watson Cors.
	<i>Carex bromoides</i> Schkuhr ex Willd.	Brome-like Sedge	Rare, wet woods: Almonte; Harper; Purdon Cons. Area
	<i>Carex brunnescens</i> (Pers.) Poir. ex Lam.	Brownish Sedge	Rare, fens and poor fens: Clay L.; Clyde Forks; Dixon L.; Murphys Pt. Pk.; Purdon Cons. Area
	<i>Carex buxbaumii</i> Wahl.	Buxbaum's Sedge	Rare, mainly fens: California; Clay L.; McGowan L.
	<i>Carex canescens</i> L.	Hoary Sedge	Uncommon (15), open wetlands
	<i>Carex castanea</i> Wahl.	Chestnut Sedge	Sparse, wet mixed woods: Blakeney; Burnt Lands; California; Pinery Rd.; Purdon Cons. Area; Robertson L.; Watson Cors.
	<i>Carex cephaloidea</i> (Dew.) Dew.	Sedge	Sparse, open woods: Andrews ville; Innisville; Joes L.; Lanark; McDonalds Cors.; Murphys Pt. Pk.; Watson Cors.
	(<i>C. sparganioides</i> Muhl. var. <i>cephaloidea</i> (Dew.) Carey)		
	<i>Carex chordorrhiza</i> Ehrh. ex L. f.	Cord Sedge	Rare, fens and poor fens: Innisville; Lavant Sta.; Lowney L.; Purdon Cons. Area
	<i>Carex communis</i> Bailey	Common Sedge	Common
	<i>Carex comosa</i> Boott	Bristly Sedge	Uncommon (13), open wetlands
#S3	<i>Carex conoidea</i> Schkuhr ex Willd.	Field Sedge	Rare, wet meadows: Perth
	<i>Carex crawei</i> Dew.	Crawe's Sedge	Rare, open calcareous soil: Burnt Lands; Clay Bank; Napier L.; Panmure
	<i>Carex crawfordii</i> Fern.	Crawford's Sedge	Rare, dry meadows: Blackberry Meadow; Clay L.; Clyde Forks; White L.

¹ Refer to Appendix 1 regarding an erroneous record of *Bolboschoenus fluviatilis* from Playfairville.

<i>Carex crinita</i> Lam.	Fringed Sedge	Uncommon, shorelines and marshes
<i>Carex cristatella</i> Britt.	Crested Sedge	Uncommon (14), open wetlands
<i>Carex cryptolepis</i> Mack.	Hidden-scaled Sedge	Sparse, fens and calcareous shorelines: Burnt Lands; California; Darling Long L.; Franktown; Lowney L.; Ramsbottoms L.
<i>Carex deweyana</i> Schwein.	Dewey's Sedge	Uncommon, open woods
<i>Carex diandra</i> Schrank	Two-stamened Sedge	Uncommon (18), shorelines and marshes
<i>Carex disperma</i> Dew.	Two-seeded Sedge	Uncommon, fens and open swamps
<i>Carex eburnea</i> Boott	Ivory Sedge	Uncommon, open calcareous woods
<i>Carex echinata</i> Murray	Prickly Sedge	Sparse, shorelines and marshes: Bottle L.; Boundary L.; Cranberry L.; Darling Long L.; Innisville; Murphys Pt. Pk.; Robertson L.; Tatlock; Wolf Grove; Woods L.; [Christie L.-1968]
(<i>C. muricata</i> L. var. <i>cephalantha</i> (Bailey) Wieg. & Eames)		
<i>Carex flava</i> L.	Yellow Sedge	Common
<i>Carex formosa</i> Dew.	Sedge	Rare, rich woods: Andrews ville; Lanark; Murphys Pt. Pk.
<i>Carex gracillima</i> Schwein.	Filiform Sedge	Common
<i>Carex granularis</i> Muhl. ex Willd.	Granular Sedge	Uncommon, calcareous meadows
<i>Carex grayi</i> Carey	Gray's Sedge	Rare, rich woods: Andrews ville; Mill of Kintail
<i>Carex grisea</i> Wahl.	Gray Sedge	Rare, rich woods and floodplains: Carleton Place; Mill of Kintail
(<i>C. amphibola</i> Steud. var. <i>turgida</i> Fern.)		
<i>Carex gynocrates</i> Wormsk. ex Drejer	Ridged Sedge	Rare, poor fens: Harding L.; MacKay L.
<i>Carex hirtifolia</i> Mack.	Hairy Sedge	Rare, open woods: Almonte; Carleton Place; Lanark; Mill of Kintail; Murphys Pt. Pk.
<i>Carex hitchcockiana</i> Dew.	Hitchcock's Sedge	Sparse, open woods: Carleton Place; Clayton; Dalhousie L.; Lanark; Murphys Pt. Pk.; Silver L. Pk.
<i>Carex houghtoniana</i> Torr. ex Dew.	Houghton's Sedge	Sparse, open sandy soil: Burnt Lands; Clyde Forks; Darling Long L.; Lavant Long L. (3); Sheridans Rapids; White L. (2)
<i>Carex hystericina</i> Muhl. ex Willd.	Porcupine Sedge	Uncommon, shorelines and marshes
<i>Carex interior</i> Bailey	Inland Sedge	Uncommon, shorelines and marshes
<i>Carex intumescens</i> Rudge	Bladder Sedge	Common
<i>Carex lacustris</i> Willd.	Lake Sedge	Uncommon, shorelines and marshes
<i>Carex lasiocarpa</i> Ehrh.	Woolly Sedge	Uncommon (14), fens and calcareous shorelines
<i>Carex laxiflora</i> Lam.	Distant-flowered Sedge	Uncommon, moist woods
<i>Carex leptalea</i> Wahl.	Bristle-stalked Sedge	Uncommon (16), wet meadows
<i>Carex leptoneuria</i> Fern.	Finely-nerved Sedge	Sparse, open woods: Andrews ville; Clayton; Herrons Mills; Innisville; Purdon Cons. Area; Silver L. Pk.; Smiths Falls; Watson Cors. (3)
<i>Carex limosa</i> L.	Mud Sedge	Sparse, fens and poor fens: Bottle L.; Ferguson Falls; Indian Ck.; Lavant Sta.; Lowney L.; Nolans Cors.; Numogate; Park L.; Sheridans Rapids; Silver L.; White L.

<i>Carex livida</i> (Wahl.) Willd.	Lead-coloured Sedge	Rare, fens: Nolans Cors.; Numogate; Purdon Cons. Area
<i>Carex lucorum</i> Willd. ex Link	Distant Sedge	Sparse, granitic rock barrens: Clayton; Innisville; Lavant Sta.; Murphys Pt. Pk. (2); Robertson L.; Watson Cors.
(<i>C. pennsylvanica</i> Lam. var. <i>distans</i> Peck)		
<i>Carex lupulina</i> Muhl. ex Willd.	Hop Sedge	Uncommon, marshes and wet woods
<i>Carex lurida</i> Wahl.	Sallow Sedge	Rare, wet woods: Clayton; Napier L.
<i>Carex magellanica</i> Lam. ssp. <i>irrigua</i>	Stunted Sedge	Uncommon (13), fens, poor fens, and bogs
(Wahl.) Hiit (<i>C. paupercula</i> Michx.)		
<i>Carex merritt-fernaldii</i> Mack.	Sedge	Rare, open rocky woods: Lavant Long L. (Brownell & Larsen, 1995)
<i>Carex muehlenbergii</i> Schkuhr ex Willd. ...	Muhlenberg's Sedge	Rare, dry sandy slopes: Big Rideau L.
<i>Carex novae-angliae</i> Schwein.	New England Sedge	Rare, moist deciduous woods: [Ramsay-1862]
<i>Carex oligosperma</i> Michx.	Few-seeded Sedge	Rare, poor fens: Cranberry L.; Dixon L.; Lavant Sta.
<i>Carex ormostachya</i> Wieg.	Sedge	Sparse, dry woods: Boundary L.; Joes L.; Murphys Pt. Pk. (2); Napier L.; Silver L. Pk.
(<i>C. laxiflora</i> Lam. var. <i>ormostachya</i> (Wieg.) Gleason)		
<i>Carex pallescens</i> L.	Pale Sedge	Uncommon, meadows
<i>Carex peckii</i> Howe	Peck's Sedge	Common
(<i>C. nigromarginata</i> Schwein. var. <i>elliptica</i> (Boott) Gleason)		
<i>Carex pedunculata</i> Muhl. ex Willd.	Peduncled Sedge	Common
<i>Carex pellita</i> Muhl.	Sedge	Sparse, calcareous sites: Almonte; Burnt Lands; Clayton; Innisville; McGowan L.; Napier L.; Pakenham; [Carleton Place-1947]
(<i>C. lanuginosa</i> auct.)		
<i>Carex pennsylvanica</i> Lam.	Pennsylvania Sedge	Common
<i>Carex plantaginea</i> Lam.	Plantain-leaved Sedge	Sparse, rich deciduous woods: Bolingbroke; Clayton; Mill of Kintail; Murphys Pt. Pk.; Pakenham; Watson Cors.; Wolf Grove; [Pakenham Mtn.-1954]
<i>Carex platyphylla</i> Carey	Broad-leaved Sedge	Sparse, rich deciduous woods: Blueberry Mtn., Bolingbroke; Elphin; Joes L.; Lanark; Murphys Pt. Pk. (2); Napier L.; Pakenham Mtn.; Watson Cors.
* <i>Carex praeegracilis</i> W. Boott	Slender Sedge	Rare but spreading along Hwy #7: Glen Tay; Long Swamp; Perth
<i>Carex prairea</i> Dew.	Prairie Sedge	Rare, open wetlands: Napier L. (Brownell, 1992)
<i>Carex prasina</i> Wahl.	Onion-coloured Sedge	Rare, moist woods: Murphys Pt. Pk.; [Almonte-1898]
<i>Carex projecta</i> Mack.	Spreading Sedge	Rare, open wetlands: Blackberry Meadow; California; Indian Ck.; Silver L. Pk.; Watson Cors.
<i>Carex pseudo-cyperus</i> L.	Cyperus-like Sedge	Uncommon, shorelines and open wetlands
<i>Carex radiata</i> (Wahl.) Small	Sedge	Common
(<i>C. rosea</i> Schkuhr ex Willd. var. <i>radiata</i> (Wahl.) Dew.)		
<i>Carex retrorsa</i> Schwein.	Retrorse Sedge	Uncommon, marshes

<i>Carex richardsonii</i> R. Br.	Richardson's Sedge	Rare, alvars: Burnt Lands; Clay Bank; Panmure
<i>Carex rosea</i> Schkuhr ex Willd. (<i>C. convoluta</i> Mack.)	Stellate Sedge	Common
<i>Carex sartwellii</i> Dew.	Sartwell's Sedge	Sparse, wet meadows: Bennett L.; Burnt Lands; California; Clay L.; Darling Long L.; Hopetown; MacKay L.; McGowan L.; Purdon Cons. Area; Ramsbottoms L.; Watson Cors.
<i>Carex scabrata</i> Schwein.	Rough Sedge	Rare, seepage slopes: Blueberry Mtn., Innisville; Mill of Kintail; Napier L.
<i>Carex scoparia</i> Schkuhr ex Willd.	Broom Sedge	Uncommon, meadows
<i>Carex siccata</i> Dew. (<i>C. foenea</i> auct. non Willd.)	Copper Sedge	Rare, dry meadows: Christie L.; Clyde L.; Maberly; Murphys Pt. Pk.; White L.
<i>Carex sparganioides</i> Muhl. ex Willd.	Bur-reed Sedge	Rare, rich woods: Big Rideau L.; Bolingbroke; Lanark; Mill of Kintail; Pakenham
* <i>Carex spicata</i> Huds.	Sedge	Rare, shorelines and roadsides: Blakeney; Pakenham; Silver L.
<i>Carex sprengei</i> Dew. ex Spreng.	Sprengel's Sedge	Common
<i>Carex sterilis</i> Willd. (<i>C. muricata</i> L. var. <i>sterilis</i> (Willd.) Gleason)	Sedge	Rare, wet calcareous meadows: Joes L.; Napier L.
<i>Carex stipata</i> Muhl. ex Willd.	Awl-fruited Sedge	Common
<i>Carex stricta</i> Lam.	Stiff Sedge	Uncommon (13), fens, poor fens, and marshes
<i>Carex sychnocephala</i> J. Carey	Compact Sedge	Rare, marshes and wet ground: California; Carleton Place
<i>Carex tenera</i> Dew.	Slender Sedge	Uncommon, shorelines and moist meadows
<i>Carex tonsa</i> (Fern.) Bickn. var. <i>rugosperma</i> (Mack.) Crins (<i>C. rugosperma</i> Mack.)	Sedge	Uncommon, dry meadows
<i>Carex tribuloides</i> Wahl.	Blunt-broom Sedge	Rare, open wetlands: Murphys Pt. Pk.
<i>Carex trisperma</i> Dew. var. <i>trisperma</i>	Three-fruited Sedge	Uncommon, fens and open swamps
<i>Carex tuckermanii</i> Dew.	Tuckerman's Sedge	Uncommon, open wetlands
<i>Carex umbellata</i> Schkuhr ex Willd.	Umbel-like Sedge	Rare, alvars: Burnt Lands; Clay Bank; Panmure
<i>Carex utriculata</i> Boott (<i>C. rostrata</i> auct. non Stokes)	Beaked Sedge	Uncommon, poor fens and marshes
<i>Carex vaginata</i> Tausch	Sheathed Sedge	Rare, conifer swamps: Darling Long L.
<i>Carex vesicaria</i> L.	Inflated Sedge	Uncommon, shores and open wetlands
<i>Carex viridula</i> Michx.	Greenish Sedge	Sparse, shorelines: Bolingbroke; California; Darling Long L.; Lavant Long L.; McGowan L.; Napier L.; Playfairville (2); Robertson L.; Taylor L.; [Carleton Place-1952]; [Dalhousie L.-1947]
<i>Carex vulpinoidea</i> Michx.	Fox Sedge	Common
<i>Carex woodii</i> Dew. (<i>C. tetanica</i> Schkuhr var. <i>woodii</i> (Dew.) Wood)	Wood's Sedge	Rare, open woods: Almonte

<i>Cladium mariscoides</i> (Muhl.) Torr.	Twig-rush	Uncommon, fens, poor fens, and shorelines
<i>Cyperus bipartitus</i> Torr. (<i>C. rivularis</i> Kunth)	River Cyperus	Uncommon (15), sandy shores and trails
<i>Cyperus diandrus</i> Torr.	Two-stamened Cyperus	Rare, mainly shorelines: Carleton Place; Mississippi L.; Pakenham; [Black Ck.-1953]
<i>Cyperus esculentus</i> L. var. <i>leptostachyus</i> Boeck.	Ground-almond	Rare, mainly shorelines: Blakeney; Dalhousie L. (2); Mississippi L.; Pakenham; [Kilmarnock Locks-1951]
<i>Cyperus squarrosus</i> L. (<i>C. aristatus</i> Rottb.)	Awned Cyperus	Rare, shorelines: [Ferguson Falls-1947]
<i>Cyperus strigosus</i> L.	Strigose Cyperus	Rare, mainly shorelines: Carleton Place; Kilmarnock Locks; Murphys Pt. Pk.; Pakenham; Smiths Falls
<i>Dulichium arundinaceum</i> (L.) Britt.	Three-way Sedge	Uncommon, shorelines and marshes
<i>Eleocharis acicularis</i> (L.) R. & S.	Needle Spike-rush	Common
<i>Eleocharis elliptica</i> Kunth (<i>E. tenuis</i> (Willd.) Schultes var. <i>borealis</i> (Svenson) Gleason)	Elliptic Spike-rush	Sparse, mainly fens: Lowney L. (2); McGowan L.; Napier L. (2); Nolans Cors.; Pinery Rd.; Purdon Cons. Area; Robertson L.; White L.
<i>Eleocharis erythropoda</i> Steud. (<i>E. calva</i> Torr.)	Red-stemmed Spike-rush ...	Uncommon, shorelines and marshes
<i>Eleocharis flavescens</i> (Poir.) Urban var. <i>olivacea</i> (Torr.) Gleason (<i>E. olivacea</i> Torr.)	Olive-brown Spike-rush	Rare, poor fens and marshes: Dixon L.; Farren L.; Robertson L.; Sheridans Rapids
<i>Eleocharis intermedia</i> Schultes	Intermediate Spike-rush	Rare, open wetlands: Clay L.; Napier L.
<i>Eleocharis obtusa</i> (Willd.) Schultes	Blunt Spike-rush	Uncommon, open wetlands
<i>Eleocharis palustris</i> (L.) R. & S. (<i>E. smallii</i> Britt.)	Marsh Spike-rush	Common
<i>Eleocharis quinqueflora</i> (Hartm.) O. Schwarz (<i>E. pauciflora</i> (Lightf.) Link	Spike-rush	Rare, calcareous shorelines: Napier L. (Brownell, 1992)
<i>Eriophorum gracile</i> Koch ex Roth	Slender Cotton-grass	Rare, fens and poor fens: Blueberry Mtn., Burnt Lands; Indian Ck.; Lowney L.; Purdon Cons. Area
<i>Eriophorum tenellum</i> Nutt.	Filiform Cotton-grass	Rare, poor fens: Blueberry Mtn., Cranberry L.; Dixon L.; Wolf Grove
<i>Eriophorum vaginatum</i> L. (<i>E. spissum</i> Fern.)	Dense Cotton-grass	Sparse, bogs and poor fens: Blueberry Marsh; Bottle L.; Cranberry L.; Dixon L.; Indian Ck.; Lavant Sta.; O'Brien L.
<i>Eriophorum virginicum</i> L.	Virginia Cotton-grass	Uncommon (17), poor fens and boggy shores
<i>Eriophorum viridicarinarum</i> (Engelm.) Fern.	Green Cotton-grass	Uncommon (16), wet meadows
<i>Rhynchospora alba</i> (L.) Vahl	White Beak-rush	Uncommon (13), fens and poor fens
<i>Rhynchospora capillacea</i> Torr.	Beak-rush	Rare, fens and calcareous shorelines: Indian Ck.; Napier L.
<i>Rhynchospora capitellata</i> (Michx.) Vahl ...	Beak-rush	Rare, poor fens: Lavant Sta.
<i>Rhynchospora fusca</i> (L.) Ait. f.	Brown Beak-rush	Rare, fens: Numogate

<i>Schoenoplectus acutus</i> (Muhl. ex Bigel.) . . .	Great Bulrush	Sparse, mainly shorelines: Löve & Löve (<i>Scirpus acutus</i> Muhl. ex Bigel.)	Andrewsville; Christie L.; Darling Long L. Innisville; Napier L.; Numogate; Otty L.; Sheridans Rapids; [Murphys Pt. Pk.-1974]
<i>Schoenoplectus pungens</i> (Vahl) Palla	American Bulrush	(<i>S. americanus</i> auct. non Pers.; <i>Scirpus pungens</i> Vahl)	Sparse, sandy shorelines: Carleton Place; Dalhousie L. (2); Farren L. (2); Playfairville
<i>Schoenoplectus subterminalis</i> (Torr.) Soják .	Swaying-rush	(<i>Scirpus subterminalis</i> Torr.)	Sparse, quiet water: Blueberry Mtn., Bottle L.; Darling Long L.; Dixon L.; Flower Round L.; Lanark; Lavant Long L.; Sheridans Rapids; Tatlock
<i>Schoenoplectus tabernaemontani</i>	Strong Bulrush	(Gmel.) Palla (<i>Scirpus validus</i> L.)	Common
Note: Several species formerly included in <i>Scirpus</i> have been moved to the genera <i>Bolboschoenus</i> , <i>Schoenoplectus</i> , and <i>Trichophorum</i> .			
<i>Scirpus atrovirens</i> Willd.	Blackish Bulrush		Common
<i>Scirpus cyperinus</i> (L.) Kunth	Wool-grass		Common
<i>Scirpus microcarpus</i> Presl.	Red-sheathed Bulrush	(<i>S. rubrotinctus</i> Fern.)	Uncommon (13), shorelines and open wetlands
<i>Scirpus pendulus</i> Muhl. ex Willd.	Reddish Bulrush	(<i>S. lineatus</i> auct. non Michx.)	Uncommon (17), moist meadows
<i>Trichophorum alpinum</i> (L.) Pers.	Hudsonian Club-rush	(<i>Scirpus hudsonianus</i> (Michx.) Fern.)	Sparse, fens and calcareous shores: Bottle L.; Indian Ck.; Lowney L.; McGowan L.; Napier L. (2); Nolans Cors.; Numogate; Purdon Cons. Area; White L. (2)

ARACEAE ARUM FAMILY

<i>Acorus americanus</i> (Raf.) Raf.	Sweet Flag	(<i>A. calamus</i> auct. non L.)	Uncommon (15), open wetlands
<i>Arisaema triphyllum</i> (L.) Schott	Jack-in-the-pulpit		Common
<i>Calla palustris</i> L.	Water Arum		Common
#S2 <i>Peltandra virginica</i> (L.) Schott & Endl.	Arrow Arum		Rare, open wetlands: Innisville (see Toner <i>et al.</i> , 1995)
<i>Symplocarpus foetidus</i> (L.) Salisb. ex Nutt. .	Skunk-cabbage		Rare, wet woods: Blueberry Marsh; Long Swamp

LEMNACEAE DUCKWEED FAMILY

<i>Lemna minor</i> L.	Duckweed		Common
<i>Lemna trisulca</i> L.	Ivy-leaved Duckweed		Common
<i>Spirodela polyrhiza</i> (L.) Schleid.	Larger Duckweed		Uncommon, quiet water
<i>Wolffia borealis</i> (Engelm.) Land.	Watermeal	(<i>W. punctata</i> auct. non Griseb.)	Uncommon, quiet water
#S2? <i>Wolffia brasiliensis</i> Wedd.	Watermeal		Rare, quiet water: Bolingbroke; Christie L. (see Thomson, 2005b)
<i>Wolffia columbiana</i> Karst.	Watermeal	(<i>W. arrhiza</i> auct. non (L.) Hork. ex Wimm.)	Uncommon, quiet water

ERIOCAULACEAE PIPEWORT FAMILY

<i>Eriocaulon aquaticum</i> (Hill) Druce	Pipewort	(<i>E. septangulare</i> With.)	Rare, lakeshores: Bottle L. (2); Dixon L.; O'Brien L.
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PONTEDERIAEAEPICKEREL-WEED FAMILY

<i>Pontederia cordata</i> L.	Pickereel-weed	Common
<i>Zosterella dubia</i> (Jacq.) Small	Water Stargrass	Uncommon (17), shallow water
<i>(Heteranthera dubia</i> (Jacq.) MacM.)		

JUNCACEAERUSH FAMILY

<i>Juncus alpinoarticulatus</i> Chaix	Alpine Rush	Uncommon (15), calcareous meadows
<i>(J. alpinus</i> Vill.)		
* <i>Juncus arcticus</i> Willd.	Baltic Rush	Rare but spreading along Hwy #7: Glen Tay; Perth. Native elsewhere in Ontario.
var. <i>balticus</i> (Willd.) Trautv.		
<i>(J. balticus</i> Willd.)		
<i>Juncus articulatus</i> L.	Jointed Rush	Sparse, open wetlands: Bottle L.; California; Dixon L.; Playfairville; Robertson L.; Wolf Grove
<i>Juncus brevicaudatus</i> (Engelm.) Fern.	Short-caudate Rush	Common
<i>Juncus bufonius</i> L.	Toad Rush	Common
<i>Juncus canadensis</i> J. Gay ex Laharpe	Canada Rush	Uncommon (18), mainly shorelines
* <i>Juncus compressus</i> Jacq.	Compressed Rush	Sparse, roadsides: Carleton Place (2); Lanark; Merrickville; Pakenham; Perth; Smiths Falls
<i>Juncus dudleyi</i> Wieg.	Dudley's Rush	Common
<i>Juncus effusus</i> L.	Common Rush	Common
* <i>Juncus gerardii</i> Lois.	Black Rush	Sparse, mainly roadsides: Almonte (2); Blakeney; Carleton Place (2); Smiths Falls
<i>Juncus nodosus</i> L.	Knotted Rush	Uncommon, shorelines and open moist ground
<i>Juncus pelocarpus</i> E. Meyer	Brown-fruited Rush	Rare, poor fens: Dixon L.; Indian Ck.
<i>Juncus tenuis</i> Willd.	Path Rush	Common
* <i>Juncus torreyi</i> Cov.	Torrey's Rush	Sparse, roadsides: Christie L.; Glen Tay; Herrons Mills; Merrickville; Nolans Cors.; Perth; Port Elmsley; Prospect; Smiths Falls. Native elsewhere in Ontario.
<i>Luzula acuminata</i> Raf.	Acuminate Wood-rush	Rare, open woods: Almonte; Clay Bank; Murphys Pt. Pk.
<i>Luzula multiflora</i> (Retz.) Lej.	Common Wood-rush	Rare, open woods: Murphys Pt. Pk.

LILIACEAELILY FAMILY

* <i>Allium schoenoprasum</i> L.	Chives	Sparse garden escape;; Almonte; Bennett L.; Burnt Lands; Clayton L.; Farren L.; Hopetown; Lanark; Perth; Watson Cors. (2)
<i>Allium tricoccum</i> Ait.	Wild Leek	Uncommon, rich woods
* <i>Allium vineale</i> L.	Field Garlic	Rare garden escape: Glen Tay
* <i>Asparagus officinalis</i> L.	Asparagus	Common escape from cultivation
<i>Clintonia borealis</i> (Ait.) Raf.	Bluebead-lily	Common
* <i>Convallaria majalis</i> L.	Lily-of-the-valley	Uncommon garden escape
<i>Erythronium americanum</i> Ker Gawl.	Dog's-tooth-violet	Common
* <i>Hemerocallis fulva</i> (L.) L.	Day-lily	Common garden escape
* <i>Hemerocallis lilioasphodelus</i> L.	Lemon-lily	Rare garden escape: Stump L.
<i>(H. flava</i> (L.) L.)		

- * *Lilium lancifolium* Thunb. Tiger Lily Sparse garden escape: Beveridge Locks; Big Rideau L.; Brightside; Clyde Forks; Fallbrook; Perth; Watson Cors.
(*L. tigrinum* Ker Gawl.)
- Lilium philadelphicum* L. Wood Lily Uncommon (13), dry meadows
- Maianthemum canadense* Desf. Wild Lily-of-the-valley Common
var. *canadense*
- Maianthemum canadense* Desf. Hairy Wild Lily-of-the-valley Rare, restricted to limestone areas:
var. *interius* Fern. Burnt Lands; Clay Bank; Panmure; [Merrickville-1968]
- Maianthemum racemosum* (L.) Link False Solomon's Seal Common
(*Smilacina racemosa* (L.) Desf.)
- Maianthemum stellatum* (L.) Link Starry False Solomon's Seal Sparse, meadows: Almonte;
(*Smilacina stellata* (L.) Desf.) Burnt Lands; Clay Bank; Harper; N. Mud L.; Numogate; Panmure; Patterson L.; Perth; Pinery Rd.; S. Montague Swamp
- Maianthemum trifolium* (L.) Slob. Three-leaved False
(*Smilacina trifolia* (L.) Desf.) Solomon's Seal Uncommon, fens and conifer swamps
- Medeola virginiana* L. Indian Cucumber-root Uncommon, rich woods
- * *Narcissus pseudonarcissus* L. Daffodil Rare garden escape: Watson Cors.
- * *Ornithogalum umbellatum* L. Star-of-Bethlehem Rare garden escape: Sheridans
Rapids; Watson Cors.
- * *Polygonatum multiflorum* (L.) All. Solomon's Seal Rare garden escape: Almonte; Lanark
- Polygonatum pubescens* (Willd.) Pursh Hairy Solomon's Seal Common
- * *Scilla sibirica* Haw. Scilla Rare garden escape: Fallbrook; Perth
- Streptopus lanceolatus* (Ait.) Rev. Rose Twistedstalk Uncommon, mixed woods
(*S. roseus* Michx.)
- Triantha glutinosa* (Michx.) Baker Sticky False Asphodel Rare, fens: Nolans Cors.
(*Tofieldia glutinosa* (Michx.) Pers.)
- Trillium cernuum* L. Nodding Trillium Rare, wet woods: Hopetown; Perth
- Trillium erectum* L. Red Trillium Common
- Trillium grandiflorum* (Michx.) Salisb. White Trillium Common
- Uvularia grandiflora* Sm. Bellwort Common
- Uvularia sessilifolia* L. Sessile-leaved Bellwort Rare, rich woods: Lavant Long L.;
Napier L.; Purdon Cons. Area;
Watson Cors.

SMILACACEAE

CATBRIER FAMILY

- Smilax herbacea* L. Carrion-flower Rare, open woods: Bolingbroke;
Innisville

IRIDACEAE

IRIS FAMILY

- * *Iris germanica* L. Bearded Iris Sparse garden escape: Almonte;
Bolingbroke; Perth; Pinery Rd.;
Watson Cors.; Wolf Grove
- * *Iris prismatica* Pursh Slender Blue Flag Rare garden escape: [Pakenham-
1937]
- * *Iris pseudacorus* L. Yellow Flag Rare garden escape: Beveridge Locks
(2); Big Rideau L.; Perth; Port
Elmsley
- * *Iris sibirica* L. Siberian Iris Rare garden escape: Watson Cors.
- Iris versicolor* L. Wild Iris Common
- Sisyrinchium montanum* Greene Blue-eyed Grass Common

ORCHIDACEAE

ORCHID FAMILY

<i>Amerorchis rotundifolia</i> (Banks ex Pursh)	Round-leaved Orchis	Rare but probably extirpated, fens: [Lanark-1899]
Hult. (<i>Orchis rotundifolia</i> Banks ex Pursh)		
<i>Arethusa bulbosa</i> L.	Dragon's-mouth	Rare, fens and poor fens: Indian Ck.; Joes L.; Robertson L.
<i>Calopogon tuberosus</i> (L.) BSP.	Grass-pink	Sparse, fens and poor fens: Bottle L.; Indian Ck.; Lavant Sta.; Lowney L.; Nolans Cors.; Numogate; Robertson L.; [Ramsay-1862]
<i>Calypso bulbosa</i> (L.) Oakes	Fairy-slipper	Rare but probably extirpated, wet woods: [Almonte-1897]; [Ramsay-1897]
<i>Coeloglossum viride</i> (L.) Hartm.	Bracted Orchid	Rare, open woods: Boundary L.; Clyde Forks; Lavant Long L.; Maberly; Napier L.
(<i>Habenaria viridis</i> (L.) R. Br.)		
<i>Corallorhiza maculata</i> (Raf.) Raf.	Spotted Coralroot	Sparse, mixed woods: Clayton; Dalhousie L.; Darling Long L.; MacKay L.; Tatlock; Watson Cors.; White L.; [Robertson L.-1967]; [Ramsay-1861]; [Pakenham Tp.-1943]
<i>Corallorhiza striata</i> Lindl.	Striped Coralroot	Sparse, mixed woods: Boundary L.; California (2); Dalhousie L.; Lavant Long L.; Lowney L.; MacKay L. (2); Poland (2); Tatlock; Watson Cors.; [Brooke-1973]; [Lavant Sta.-1972]; [Middleville-1973]; [Ramsay-1861]; [White L.-1968]
<i>Corallorhiza trifida</i> Chât.	Early Coralroot	Uncommon, wet mixed woods
<i>Cypripedium acaule</i> Ait.	Moccasin-flower	Uncommon (14), open mixed woods
#S3 <i>Cypripedium arietinum</i> R. Br.	Ram's-head Lady-slipper	Sparse, calcareous woods: Burnt Lands; Clay Bank; Harding L.; Hopetown; Lowney L.; Napier L.; Peterwhite L.; Pinery Rd.; Rosetta; Sheridans Rapids; [McDonalds Cors.-1967]; [Pakenham Mtn.-1968]; [Silver L.-1966]
<i>Cypripedium parviflorum</i> Salisb.	Yellow Lady-slipper	Uncommon, rich woods
var. <i>pubescens</i> (Willd.) Knight		
(<i>C. calceolus</i> L. var. <i>pubescens</i> (Willd.) Correll)		
<i>Cypripedium reginae</i> Walt.	Showy Lady-slipper	Uncommon (16), fens and open wet woods
* <i>Epipactis helleborine</i> (L.) Crantz	Helleborine	Common
<i>Galearis spectabilis</i> (L.) Raf.	Showy Orchis	Rare, rich woods: Clayton; Dalhousie L.; Innisville; Pakenham Mtn.
(<i>Orchis spectabilis</i> L.)		
<i>Goodyera pubescens</i> (Willd.) R. Br.	Downy Rattlesnake-plantain	Rare, conifer swamps: Darling Long L.
<i>Goodyera repens</i> (L.) R. Br.	Dwarf Rattlesnake-plantain	Sparse, mixed woods: Blueberry Mtn., Brightside; California; Darling Long L. (2); Lavant Long L. (2); MacKay L.; Park L.; Peterwhite L.; Robertson L.; Woods L.; [Lowney L.-1967]; [Napier L.-1967]; [Ramsay-1862]

- Goodyera tessellata* Lodd. Checkered
Rattlesnake-plantain Rare, mixed woods: Clyde Forks;
Joes L.; MacKay L.; [Clayton L.-
1967]; [Lowney L.-1979]
- Liparis loeselii* (L.) Rich. Bog Twayblade Uncommon (15), wet meadows and
open wetlands
- Listera cordata* (L.) R. Br. Heartleaved Twayblade Rare, conifer swamps: California;
Joes L.; Park L.; Peterwhite L.;
Woods L.; [Robertson L.-1966];
[Silver L.-1968]
- Malaxis monophyllos* (L.) Sw. White Adder's-mouth Uncommon, open wetlands
var. *brachypoda* (Gray) Morris & Ames
(*M. brachypoda* (Gray) Fern.)
- Malaxis unifolia* Michx. Green Adder's-mouth Sparse, open woods: Burnt Lands;
Dalhousie L.; Innisville; Joes L.;
Lowney L.; Middleville; Panmure;
Pinery Rd.; [Boyd's-1966]; [Cedar
Hill-1969]; [Harding L.-1966];
[Robertson L.-1959]; [Ramsay-
1862]
- Platanthera aquilonis* Sheviak Northern Green Orchid Uncommon, open wet woods
(*P. hyperborea* auct. non (L.) Lindl.,
Habenaria hyperborea auct. non (L.) R. Br.)
- Platanthera clavellata* (Michx.) Luer Club-spur Orchid Rare, mainly shorelines: Bottle L.;
(*Habenaria clavellata* (Michx.) Spreng.) McDonalds Cors.; Pinery Rd.;
Robertson L.
- Platanthera dilatata* (Pursh) Lindl. ex Beck . White Bog Orchid Rare, fens and poor fens: Lowney L.;
(*Habenaria dilatata* (Pursh) Hook.) MacKay L.; Purdon Cons. Area;
Robertson L.; [Middleville-1965]
- #S3 *Platanthera flava* (L.) Lindl. var. *herbiola* .. Tubercled Orchid Rare, shorelines: Innisville; Sheridans
(R. Br.) Luer (*Habenaria flava* (L.) R. Br. Rapids
var. *herbiola* (R. Br.) Ames & Correll)
- #S3 *Platanthera hookeri* (Torr. ex Gray) Lindl. . Hooker's Orchid Sparse, rich woods: Boundary L.;
(*Habenaria hookeri* Torr. ex Gray) Burnt Lands; California (2);
Darling Long L.; Lavant Long L.
Lowney L.; Napier L.; Tatlock;
[Cedar Hill-1969]; [Clayton-1969];
[Middleville-1968]; [Pakenham
Mtn.-1972]; [Robertson L.-1962];
[Sheridans Rapids-1969]; [White
L.-1972]
- Platanthera huronensis* (Nutt.) Lindl. Hybrid Bog Orchid Rare, open wetlands: MacKay L.
(*P. ×media* (Rydb.) Luer;
P. dilatata × *P. hyperborea*)
- #S2 *Platanthera macrophylla* (Goldie) Large Round-leaved Orchid . Rare, mixed woods: Sheridans
P.M. Brown (*P. orbiculata* (Pursh) Lindl. Rapids (Reddoch & Reddoch,
var. *macrophylla* (Goldie) Luer; 1997)
Habenaria macrophylla Goldie)

- Platanthera obtusata* (Banks ex Pursh) Blunt-leaved Orchid Sparse, boggy woods: California; Darling Long L.; Joes L.; Lavant Long L.; MacKay L.; McDonalds Cors.; Park L.; Peterwhite L. (2); Woods L.; [Boundary L.-1967]; [Elphin-1966]; [Harding L.-1966]; [Lavant Sta.-1967]; [Lowney L.-1967]; [Middleville-1966]; [Napier L.-1967]; [Pakenham Mtn.-1968]; [Robertson L.-1967]; [Rosetta-1968]; [Sheridans Rapids-1969]; [Silver L.-1968]; [White L.-1966]; [Wolf Grove-1966]
- Lindl. (*Habenaria obtusata* (Banks ex Pursh) Richards.)
- Platanthera orbiculata* (Pursh) Lindl. Round-leaved Orchid Rare, rich woods: Blueberry Mtn.; California; Lavant Long L.; Purdon Cons. Area; [Cedar Hill-1969]; [Peterwhite L.-1967]; [Ramsay-1867]; [Robertson L.-1966]; [Sheridans Rapids-1965]
- (*Habenaria orbiculata* (Pursh) Torr.)
- Platanthera psycodes* (L.) Lindl. Small Purple Fringed Orchid Uncommon, moist meadows
- (*Habenaria psycodes* (L.) Spreng.)
- Pogonia ophioglossoides* (L.) Ker Gawl. Rose Pogonia Uncommon (13), fens and poor fens
- Spiranthes casei* Catling & Cruise Case's Ladies'-tresses Sparse, dry meadows: California; Christie L.; Flower Sta.; Folger; Joes L.; Peterwhite L.; Watson Cors.; White L.; [Otty L.-pre1973]
- Spiranthes cernua* (L.) Rich. Nodding Ladies'-tresses Uncommon, wet meadows
- Spiranthes lacera* (Raf.) Raf. var. *lacera* Slender Ladies'-tresses Uncommon, dry rocky meadows
- Spiranthes lucida* (H. H. Eat.) Ames Shining Ladies'-tresses Rare, calcareous shorelines: Herrons Mills; Playfairville; Sheridans Rapids (2); [Carleton Place-1922]
- Spiranthes romanzoffiana* Cham. Hooded Ladies'-tresses Rare, fens and poor fens: Lowney L. (2); Park L.; [Clayton L.-1967]; [Ferguson Falls-1968]; [Numogate-1973]; [Robertson L.-1959]

SALICACEAE

WILLOW FAMILY

- * *Populus alba* L. White Poplar Uncommon escape from cultivation
- Populus balsamifera* L. Balsam Poplar Common
- Populus deltoides* Bartram ex Marsh. Cottonwood Sparse, rich soil: Blakeney; Burnt Lands; Clayton; Farren L.; Glen Tay; Goodwood Marsh; Hopetown; Murphys Pt. Pk.; Pakenham
- Populus grandidentata* Michx. Large-toothed Aspen Common
- * *Populus nigra* L. Lombardy Poplar Sparse escape from cultivation: Boyds (2); Christie L.; Herrons Mills; Hopetown; Little Silver L.; Pakenham; Watson Cors.; White L.
- Populus tremuloides* Michx. Trembling Aspen Common
- * *Salix alba* L. White Willow Uncommon escape from cultivation

<i>Salix amygdaloides</i> Anderss.	Peach-leaf Willow	Uncommon (13), open wetlands and shorelines
<i>Salix bebbiana</i> Sarg.	Bebb's Willow	Common
<i>Salix candida</i> Flügge ex Willd.	Hoary Willow	Uncommon (17), calcareous meadows
<i>Salix discolor</i> Muhl.	Pussy Willow	Common
<i>Salix eriocephala</i> Michx. (<i>S. rigida</i> Muhl.)	Missouri Willow	Rare, moist meadows: Blueberry Mtn., [Murphys Pt. Pk.-1974]
<i>Salix exigua</i> Nutt. ssp. <i>interior</i> (Rowlee) Cronq. (<i>S. interior</i> Rowlee)	Sandbar Willow	Rare, lakeshores: Bobs L.; Dalhousie L.; Farren L.
* <i>Salix fragilis</i> L.	Crack Willow	Uncommon escape from cultivation
<i>Salix humilis</i> Marsh.	Upland Willow	Sparse, dry open woods: Blueberry Mtn., Bobs L.; Burnt Lands; Darling Long L.; Joes L.; McGowan L.; Napier L.; Pakenham Mtn.
<i>Salix lucida</i> Muhl.	Shining Willow	Uncommon, open wetlands
<i>Salix nigra</i> Marsh.	Black Willow	Rare, open wetlands: Carleton Place; Innisville; [Christie L.-1966]; [Murphys Pt. Pk.-1974]
<i>Salix pedicellaris</i> Pursh	Bog Willow	Sparse, fens and poor fens: Lavant Sta.; Lowney L. (2); Nolans Cors.; Otty L.; Patterson L.; Purdon Cons. Area
<i>Salix petiolaris</i> Sm.	Slender Willow	Common
<i>Salix pyrifolia</i> Anderss.	Balsam Willow	Rare, poor fens: Lavant Sta.
<i>Salix serissima</i> (L. Bailey) Fern.	Autumn Willow	Rare, shrubby fens: Joes L. ¹
* <i>Salix × rubens</i> Schrank (<i>S. alba</i> × <i>S. fragilis</i>)	Hybrid Willow	Uncommon escape from cultivation

MYRICACEAE

BAYBERRY FAMILY

<i>Comptonia peregrina</i> (L.) Coult.	Sweet-fern	Uncommon, open dry meadows
<i>Myrica gale</i> L.	Sweet Gale	Common

JUGLANDACEAE

WALNUT FAMILY

<i>Carya cordiformis</i> (Wang.) K. Koch	Bitternut Hickory	Uncommon, deciduous and mixed woods
<i>Carya ovata</i> (Mill.) K. Koch	Shagbark Hickory	Rare, dry woods: Big Rideau L.; Joes L.; Murphys Pt. Pk.; [McGowan L.-1979]
#S3? <i>Juglans cinerea</i> L.	Butternut	Uncommon but in serious decline across the province due to Butternut canker disease
* <i>Juglans nigra</i> L.	Black Walnut	Rare escape from cultivation: Almonte; Carleton Place; Perth; Smiths Falls

BETULACEAE

BIRCH FAMILY

<i>Alnus incana</i> (L.) Moench ssp. <i>rugosa</i> (Du Roi) Clausen (<i>A. rugosa</i> (Du Roi) Spreng.)	Speckled Alder	Common
<i>Betula alleghaniensis</i> Britt.	Yellow Birch	Common
<i>Betula papyrifera</i> Marsh	White Birch	Common

¹ Refer to Appendix 1 regarding an unverified sight record of *Salix serissima* from Numogate.

<i>Betula populifolia</i> Marsh.	Gray Birch	Rare, open bogs, poor fens, and moist fields: Goodwood Marsh; McGowan L.; Smiths Falls
<i>Betula pumila</i> L. var. <i>glandulifera</i> Regel ...	Dwarf Birch	Rare, fens: N. Mud L.; Nolans Cors.; Numogate
(<i>B. glandulifera</i> (Regel) Butler)		
<i>Carpinus caroliniana</i> Walt.	Blue-beech	Uncommon, rich woods
<i>Corylus cornuta</i> Marsh.	Hazelnut	Common
<i>Ostrya virginiana</i> (Mill.) K. Koch	Ironwood, Hop Hornbeam ...	Common

FAGACEAE

BEECH FAMILY

<i>Fagus grandifolia</i> Ehrh.	Beech	Common
<i>Quercus alba</i> L.	White Oak	Uncommon, dry rocky woods
<i>Quercus macrocarpa</i> Michx.	Bur Oak	Uncommon, floodplains and rich ground
<i>Quercus rubra</i> L.	Red Oak	Common
(<i>Q. borealis</i> Michx. f.)		

ULMACEAE

ELM FAMILY

<i>Celtis occidentalis</i> L.	Hackberry	Rare, mainly shorelines: Carleton Place; Fallbrook; Smiths Falls
<i>Ulmus americana</i> L.	American Elm	Common but old trees are rare due to Dutch Elm disease
* <i>Ulmus pumila</i> L.	Siberian Elm	Sparse escape from cultivation: Almonte; Carleton Place; Innisville; Lanark; Perth (2); Port Elmsley; Smiths Falls (2)
<i>Ulmus rubra</i> Muhl.	Slippery Elm	Uncommon, open woods
<i>Ulmus thomasii</i> Sarg.	Rock Elm	Common

CANNABACEAE

HEMP FAMILY

* <i>Cannabis sativa</i> L.	Marijuana	Rare, disturbed ground: Kilmarnock Locks; McDonalds Cors.; Watson Cors.; [Ramsay-1862]
* <i>Humulus japonicus</i> Sieb. & Zucc.	Japanese Hops	Rare, disturbed ground: [Carleton Place-1954]
* <i>Humulus lupulus</i> L.	Hops	Rare, open woods: Murphys Pt. Pk. (2); Watson Cors.; Woods L.

URTICACEAE

NETTLE FAMILY

<i>Boehmeria cylindrica</i> (L.) Sw.	False Nettle	Uncommon, shorelines and marshes
<i>Laportea canadensis</i> (L.) Wedd.	Wood Nettle	Uncommon, rich woods
<i>Pilea fontana</i> (Lunell) Rydb.	Clearweed	Rare, wet ground: Burnt Lands; Kilmarnock Locks; Sheridans Rapids; Smiths Falls
<i>Pilea pumila</i> (L.) Gray	Clearweed	Uncommon, rich woods
<i>Urtica dioica</i> L. ssp. <i>gracilis</i> (Ait.) Selander .	Stinging Nettle	Common

SANTALACEAE

SANDALWOOD FAMILY

<i>Comandra umbellata</i> (L.) Nutt.	Bastard Toadflax	Uncommon (19), dry meadows
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ARISTOLOCHIACEAEBIRTHWORT FAMILY

Asarum canadense L. Wild Ginger Uncommon, open woods

POLYGONACEAEBUCKWHEAT FAMILY

- * *Fagopyrum esculentum* Moench Buckwheat Rare and short-lived escape from cultivation: Glen Tay; Watson Cors.
- Fallopia cilinodis* (Michx.) Holub Fringed Bindweed Uncommon, open woods
(*Polygonum cilinode* Michx.)
- * *Fallopia convolvulus* (L.) A. Löve Black Bindweed Uncommon, rail lines and disturbed ground
(*Polygonum convolvulus* L.)
- * *Fallopia japonica* (Houtt.) Ronse Decr. Japanese Knotweed Sparse escape from cultivation:
var. *japonica* (*Polygonum cuspidatum* Sieb. & Zucc.) Almonte (2); Carleton Place; Lanark; Perth; Smiths Falls (2)
- Fallopia scandens* (L.) Holub False Buckwheat Rare, open woods: Bobs L.; Napier L.; Pakenham Mtn.
(*Polygonum scandens* L.)
- Persicaria amphibia* (L.) S.F. Gray Water Smartweed Uncommon, shorelines and marshes
(*Polygonum amphibium* L.; *P. natans* (Michx.) Eat.; *P. coccinium* Muhl. ex Willd.)
- * *Persicaria hydropiper* (L.) Spach Water-pepper Common
(*Polygonum hydropiper* L.)
- Persicaria hydropiperoides* (Michx.) Sm. .. False Water-pepper Rare, open wetlands: Bennett L.; Brightside; Ferguson Falls; Murphys Pt. Pk.; [Brooke-1947]; [Perth-1947]
(*Polygonum hydropiperoides* Michx.)
- Persicaria lapathifolia* (L.) S.F. Gray Dock-leaved Knotweed Uncommon, shorelines and open wetlands
(*Polygonum lapathifolium* L.; *P. scabrum* Moench)
- * *Persicaria maculosa* S.F. Gray Lady's-thumb Common
(*Polygonum persicaria* L.)
- Persicaria pensylvanica* (L.) M. Gómez Pennsylvania Knotweed Uncommon, roadsides and disturbed ground
(*Polygonum pensylvanicum* L.)
- Persicaria punctata* (Ell.) Sm. Water Knotweed Sparse, disturbed ground and open wetlands: Andrews ville; Christie L. (2); Franktown; Murphys Pt. Pk.; Perth; Watson Cors.
- Persicaria sagittata* (L.) Gross Tear-thumb Sparse, open wetlands: Blackberry Meadow; Cranberry L.; Dixon L.; Murphys Pt. Pk.; Pakenham Mtn.; Poland; Sheridans Rapids; Watson Cors.; White L.; Wolf Grove
(*Polygonum sagittatum* L.)
- Note:** Several species formerly included in *Polygonum* have been moved to the genera *Fallopia* and *Persicaria*.
- * *Polygonum achoreum* Blake Leathery Knotweed Uncommon, disturbed ground
- * *Polygonum aviculare* L. ssp. *aviculare* Knotweed Common
- (*) *Polygonum aviculare* L. ssp. *buxiforme* Knotweed Rare, disturbed ground: Burnt Lands; Smiths Falls; [Pakenham Tp.-1940]
(Sm.) Cos. & Tard. (*P. buxiforme* Small)
- * *Polygonum aviculare* L. ssp. *depressum* Knotweed Common
(Meisn.) Arc. (*P. arenastrum* Boreau)
- Polygonum douglasii* Greene Douglas' Knotweed Rare, open rocky slopes: Big Rideau L. (2)
- * *Rheum rhabarbarum* L. Rhubarb Rare, long-persisting at old homesteads or spreading nearby: Burnt Lands; Carleton Place; Joes L.; Watson Cors.; [Murphys Pt. Pk.-1974]

- * *Rumex acetosella* L. Sheep Sorrel Common
- Rumex britannica* L. Great Water Dock Uncommon, open wetlands
(*R. orbiculatus* Gray)
- * *Rumex crispus* L. Curled Dock Common
- * *Rumex longifolius* DC. Long-leaved Dock Rare, roadsides: Beveridge Locks;
(*R. domesticus* Hartm.) Murphys Pt. Pk.; Pike L.; Poland;
[Perth-1957]
- * *Rumex maritimus* L. Golden Dock Rare, wet, disturbed ground: Perth;
Poland
- * *Rumex obtusifolius* L. Broad-leaved Dock Rare, disturbed ground: Perth; Woods
L.
- * *Rumex triangulivalvis* (Dans.) Rech. f. Willow-leaved Dock Sparse, roadsides: Carleton Place;
(*R. mexicanus* auct. non Meisn.) Hopetown; Pakenham; Smiths Falls
(3)
- Rumex verticillatus* L. Water Dock Uncommon, open wetlands

CHENOPODIACEAE

GOOSEFOOT FAMILY

- * *Atriplex oblongifolia* Waldst. & Kit. Oblong-leaved Orach Rare, roadsides: Franktown
- * *Atriplex patula* L. Spearscale Uncommon, disturbed ground
- * *Atriplex prostrata* Bouch. ex DC. Orach Uncommon, roadsides and disturbed
(*A. patula* L. var. *hastata* (L.) Gray; ground
A. hastata auct.)
- * *Chenopodium album* L. Lamb's Quarters Common
- Chenopodium capitatum* (L.) Ambrosi Strawberry-blite Sparse, disturbed ground: Boundary
L.; Burnt Lands; Harding L.;
Hopetown; Napier L.; Tatlock;
[Pinery Rd.-1946]
- * *Chenopodium glaucum* L. Oak-leaved Goosefoot Rare, roadsides: Christie L.;
Pakenham; Perth (2); Smiths Falls;
[Almonte-1939]; [Blakeney-1945]
- Chenopodium simplex* (Torr.) Raf. Maple-leaved Goosefoot Uncommon, open woods
(*C. gigantospermum* Aellen)
- * *Chenopodium vulvaria* L. Stinking Goosefoot Rare, disturbed ground: [Perth-1949]
(Montgomery, 1957)
- * *Kochia scoparia* (L.) Schrad. Summer-cypress Rare, mainly rail lines: Carleton
Place; Dalhousie L.; Perth; Smiths
Falls
- * *Polycnemum majus* A. Br. ex Bogen. Polycnemum Rare, open limestone: Burnt Lands;
Clay Bank
- * *Salsola collina* Pall. Russian-thistle Rare, roadsides and rail lines: Boyds;
Smiths Falls
- * *Salsola tragus* L. Russian-thistle Uncommon, rail lines and roadsides
(*S. kali* L. var. *tenuifolia* Tausch ex Moq.;
S. pestifer Nelson)

AMARANTHACEAE

AMARANTH FAMILY

- * *Amaranthus albus* L. Tumbleweed Rare, disturbed ground: Perth; Smiths
Falls; Watson Cors.; White L.;
[Almonte-1939]; [Murphys Pt. Pk.-
1974]
- * *Amaranthus retroflexus* L. Pigweed Common
- Amaranthus tuberculatus* (Moq.) Sauer Water-hemp Rare, shorelines: [Innisville-1949]
(*Acnida tuberculata* Moq.)

NYCTAGINACEAE

FOUR-O'CLOCK FAMILY

- * *Mirabilis albida* (Walt.) Heim. Hairy Four-o'clock Rare, disturbed ground: Maberly; [Smiths Falls- 1954]
(*M. hirsuta* (Pursh) MacM.)
- * *Mirabilis nyctaginea* (Michx.) MacM. Four-o'clock Rare, disturbed ground: Merrickville; Perth; Smiths Falls (2)

AIZOACEAE

CARPETWEED FAMILY

- * *Mollugo verticillata* L. Carpetweed Rare, disturbed ground: Smiths Falls

PORTULACACEAE

PURSLANE FAMILY

- Claytonia caroliniana* Michx. Spring-beauty Common
- Claytonia virginica* L. Virginian Spring-beauty Rare, open woods: Big Rideau L. (2); Harper; Murphys Pt. Pk.; Pakenham Mtn.; [Perth-1887]
- * *Montia linearis* (Dougl. ex Hook.) Greene .. Narrow-leaved Montia Rare lawn weed: Watson Cors. Not known elsewhere in Ontario.
(*Claytonia linearis* Dougl. ex Hook.)
- * *Portulaca grandiflora* Hook. Portulaca Rare garden escape: Perth
- * *Portulaca oleracea* L. Purslane Common

CARYOPHYLLACEAE

PINK FAMILY

- * *Arenaria serpyllifolia* L. Thyme-leaved Sandwort Uncommon, disturbed ground
- Cerastium arvense* L. Meadow Chickweed Rare, rocky meadows: [Almonte-1949]
- * *Cerastium fontanum* Baumg. Mouse-ear Chickweed Common
(*C. vulgatum* auct. non L.)
- * *Cerastium pumilum* Curtis Chickweed Rare, campgrounds: Silver L. Pk.
- * *Cerastium semidecandrum* L. Chickweed Rare, campgrounds: Murphys Pt. Pk. (2); Silver L. Pk.
- * *Cerastium tomentosum* L. Snow-in-summer Rare garden escape: Almonte; Burnt Lands; Robertson L.
- * *Dianthus armeria* L. Deptford Pink Common
- * *Dianthus barbatus* L. Sweet William Rare garden escape: Murphys Pt. Pk.; Watson Cors.
- * *Dianthus deltoides* L. Maiden Pink Rare garden escape: Watson Cors.
- Minuartia michauxii* (Fenzl) Farw. Rock Sandwort Sparse, open bare rock: Big Rideau L. (2); Burnt Lands (2); Christie L.; Clay Bank; Farren L.; Panmure
(*Arenaria stricta* Michx.)
- Moehringia lateriflora* (L.) Fenzl Grove Sandwort Rare, dry meadows: Purdon Cons. Area; Stump L.; Wolf Grove
(*Arenaria lateriflora* L.)
- * *Sagina procumbens* L. Pearlwort Rare, disturbed ground: Silver L. Pk.
- * *Saponaria officinalis* L. Bouncing Bet Common
- Silene antirrhina* L. Sleepy Catchfly Uncommon (13), open dry sites
- * *Silene armeria* L. Sweet William Catchfly Rare garden escape: Watson Cors.
- * *Silene chalcidonica* (L.) Krause Scarlet Lychnis Rare garden escape (prob. extirpated): S. Montague Swamp
(*Lychnis chalcidonica* L.)
- * *Silene coronaria* (L.) Clair. Mullein Pink Rare garden escape: Watson Cors.
(*Lychnis coronaria* (L.) Murr.)
- * *Silene latifolia* Poir. (*S. pratensis* (Raf.) White Champion Uncommon, disturbed ground
Gren. & Godr.; *S. alba* (Mill.) Krause;
Lychnis alba Mill.)
- * *Silene noctiflora* L. Night-flowering Catchfly Rare, disturbed ground: [Almonte-1939]; [Carleton Place-1945]
- * *Silene vulgaris* (Moench) Garcke Bladder Champion Common
(*S. cucubalus* Wibel)
- Stellaria borealis* Bigel. Northern Stitchwort Rare, seepage areas: Watson Cors.

- * *Stellaria graminea* L. Lesser Stitchwort Common
Stellaria longifolia Muhl. ex Willd. Long-leaved Chickweed Rare, meadows: Napier L.; Pakenham Mtn.
* *Stellaria media* (L.) Vill. Common Chickweed Common
* *Stellaria pallida* (Dumort.) Pire Lesser Chickweed Rare, campgrounds: Murphys Pt. Pk.

CERATOPHYLLACEAE HORNWORT FAMILY

Ceratophyllum demersum L. Coontail Uncommon, shallow water

CABOMBACEAE FANWORT FAMILY

Brasenia schreberi Gmel. Water-shield Uncommon, shallow water

NYMPHAEACEAE WATER-LILY FAMILY

Nuphar rubrodisca Morong Red-disk Pond-lily Rare, shallow water: Kilmarnock Locks
Nuphar variegata Dur. Bullhead-lily Common
Nymphaea odorata Ait. ssp. *odorata* Fragrant Water-lily Common
Nymphaea odorata Ait. ssp. *tuberosa* Tuberous Water-lily Sparse, shallow water: Beveridge Locks; Blakeney; Clyde Forks; Dalhousie L.; Innisville; Merrickville; Otty L.; Port Elmsley; Smiths Falls; [Murphys Pt. Pk.-1974]

RANUNCULACEAE CROWFOOT FAMILY

- Actaea pachypoda* Ell. White Baneberry Common
Actaea rubra (Ait.) Willd. Red Baneberry Common
Anemone acutiloba (DC.) Laws. Sharp-lobed Hepatica Uncommon, open woods
(*Hepatica acutiloba* DC.; *H. nobilis* Mill.
var. *acuta* (Pursh) Stey.)
Anemone americana (DC.) Hara Round-lobed Hepatica Uncommon, open woods
(*Hepatica americana* (DC.) Ker Gawl.;
H. nobilis Mill. var. *obtusata* (Pursh) Stey.)
Anemone canadensis L. Canada Anemone Common
Anemone cylindrica Gray Long-headed Thimbleweed Uncommon, dry meadows and open woods
Anemone quinquefolia L. Wood Anemone Rare, dry woods: [Murphys Pt. Pk.-1974] (Lindsay, 1974)
Anemone virginiana L. (s.l.) Thimbleweed Uncommon, open woods
Aquilegia canadensis L. Columbine Common
* *Aquilegia vulgaris* L. European Columbine Rare garden escape: Perth
Caltha palustris L. Marsh-marigold Common
Clematis occidentalis (Hornem.) DC. Purple Clematis Rare, open woods: Murphys Pt. Pk.; Napier L.
* *Clematis recta* L. Upright Clematis Rare garden escape: Perth
Clematis virginiana L. Virgin's-bower Common
Coptis trifolia (L.) Salisb. Goldthread Common
(*C. groenlandica* (Oeder) Fern.)
Ranunculus abortivus L. Kidneyleaf Buttercup Common
* *Ranunculus acris* L. Buttercup Common
Ranunculus aquatilis L. var. *diffusus* With. White Water Buttercup Uncommon (16), shallow water
(*R. longirostris* Godr.; *R. trichophyllus* (Chaix.) Bosch)
Ranunculus fascicularis Muhl. ex Bigel. Early Buttercup Rare, alvars: Clay Bank
Ranunculus flabellaris Raf. Yellow Water-crowfoot Uncommon (15), shallow water

<i>Ranunculus flammula</i> L. var. <i>reptans</i> (L.) Mey. . Spearwort	<i>(R. reptans</i> L.)	Sparse, mainly shorelines: Adams L.; Bobs L.; Carleton Place; Dalhousie L. (2); Farren L.; Murphys Pt. Pk.; Playfairville; Rideau Ferry; Sheridans Rapids
<i>Ranunculus gmelinii</i> DC.	Small Yellow Water-crowfoot	Rare, shallow water: Blackberry Meadow; Harding L.; Rosetta; Watson Cors.; [Murphys Pt. Pk.-1974]; [Almonte-1898]; [Perth-1947]
<i>Ranunculus hispidus</i> Michx. var.	Northern Crowfoot	Rare, open wetlands: Almonte; Dalhousie L.; Hopetown; Pakenham; Watson Cors.
<i>caricetorum</i> (Greene) Duncan <i>(R. septentrionalis</i> Poir. var. <i>caricetorum</i> (Greene) Fern.)		
<i>Ranunculus pensylvanicus</i> L.f.	Bristly Crowfoot	Uncommon, open wetlands and moist woods
<i>Ranunculus recurvatus</i> Poir.	Hooked Crowfoot	Uncommon, moist woods
* <i>Ranunculus repens</i> L.	Creeping Buttercup	Sparse, mainly lawns: Blackberry Meadow; Lanark; Perth (2); Playfairville; Rideau Ferry; Robertson L.; Sheridans Rapids; [Almonte-1953]
<i>Ranunculus sceleratus</i> L.	Cursed Crowfoot	Sparse, open wetlands: Almonte; Herrons Mills; Lanark; Napier L.; Pakenham; Perth
<i>Thalictrum dioicum</i> L.	Early Meadow-rue	Common
<i>Thalictrum pubescens</i> Pursh	Tall Meadow-rue	Common
<i>(T. polygamum</i> Muhl.)		
<i>Thalictrum venulosum</i> Trel.	Veiny Meadow-rue	Rare, shorelines: [Carleton Place-1922]
<u>BERBERIDACEAE</u> <u>BARBERRY FAMILY</u>		
* <i>Berberis vulgaris</i> L.	Barberry	Sparse, roadsides and open woods: Andrewsville; Beveridge Locks; Big Rideau L.; Blakeney; Carleton Place (2); Merrickville; Nolans Cors.; Perth; Smiths Falls (2); Wolf Grove; [Appleton-1953]; [Blakeney-1945]
<i>Caulophyllum giganteum</i> (Farw.)	Blue Cohosh	Uncommon, rich woods
Loc. & Black. (<i>C. thalictroides</i> (L.) Michx. var <i>giganteum</i> Farw.)		
<u>MENISPERMACEAE</u> <u>MOONSEED FAMILY</u>		
<i>Menispermum canadense</i> L.	Moonseed	Rare, shorelines and floodplains: Carleton Place; Fallbrook; Pakenham; [Almonte-1862]; [Smiths Falls-1979]
<u>PAPAVERACEAE</u> <u>POPPY FAMILY</u>		
* <i>Chelidonium majus</i> L.	Celandine	Rare garden escape: Perth; Silver L. Pk.; Watson Cors.
* <i>Papaver orientale</i> L.	Oriental Poppy	Rare garden escape: Watson Cors.
* <i>Papaver rhoeas</i> L.	Corn Poppy	Rare garden escape: Balderson; Lanark

- * *Papaver somniferum* L. Opium Poppy Rare garden escape: Smiths Falls; Watson Cors.; [Carleton Place-1911]

Sanguinaria canadensis L. Bloodroot Uncommon, open woods

FUMARIACEAE

FUMITORY FAMILY

Adlumia fungosa (Ait.) Greene ex BSP. Alleghany-vine Uncommon, open disturbed woods

Corydalis aurea Willd. Golden Corydalis Sparse, open woods: Burnt Lands; Clay Bank; Lanark (2); Napier L.; Watson Cors.; White L.

Corydalis sempervirens (L.) Pers. Pale Corydalis Uncommon, open rocky woods

Dicentra canadensis (Goldie) Walp. Squirrel-corn Uncommon, deciduous woods

Dicentra cucullaria (L.) Bernh. Dutchman's-breeches Common

CAPPARACEAE

CAPER FAMILY

- * *Polanisia dodecandra* (L.) DC. ssp. Clammyweed Rare, disturbed ground: White L.; Wolf Grove

BRASSICACEAE (CRUCIFERAE)

MUSTARD FAMILY

- * *Alliaria petiolata* (Bieb.) Cav. & Gr. Garlic Mustard Sparse but increasing in open woods and disturbed ground: Almonte; Andrewsville; Big Rideau L.; Carleton Place; Glen Tay; Murphys Pt. Pk.; Perth (2); Silver L. Pk.; Tatlock; Watson Cors.

Note: Garlic Mustard is an aggressive alien that could become a problem in Lanark County woods as it has elsewhere in southern Ontario.

- * *Alyssum alyssoides* (L.) L. Yellow Alyssum Uncommon (14), open ground

- * *Arabis thaliana* (L.) Heynh. Mouse-ear Cress Rare, disturbed ground: Herrons Mills; Middleville

Arabis divaricarpa Nels. Divaricate Arabis Uncommon (15), open rocky sites

Arabis glabra (L.) Bernh. Tower Mustard Common

Arabis hirsuta (L.) Scop. ssp. *pycnocarpa* (Hopk.) Hult. (*A. pycnocarpa* Hopk.) Hairy Rock Cress Rare, open calcareous soil: Burnt Lands (2); Farren L.; Murphys Pt. Pk.; Panmure

Arabis holboellii Hornem. Rock Cress Rare, dry meadows: Christie L.; Farren L.

Note: *Armoracia aquatica* is now called *Neobeckia aquatica*.

- * *Armoracia rusticana* Gaertn., Meyer & Scherb. Horseradish Rare garden escape: Almonte; Perth; Poland; Smiths Falls

- * *Barbarea vulgaris* R. Br. Winter Cress Common

- * *Berteroa incana* (L.) DC. Hoary-alyssum Common

- * *Brassica juncea* (L.) Czern. Indian Mustard Rare, rail lines: Little Silver L.; Pakenham; [Smiths Falls-1943]

- * *Brassica napus* L. Rutabaga Rare, rail lines: Carleton Place; Perth

- * *Brassica rapa* L. Field Mustard Rare, rail lines: Merrickville; Perth (2); Smiths Falls

- * *Camelina microcarpa* Andr. ex DC. False Flax Rare, rail lines: Perth (2); Smiths Falls

- * *Capsella bursa-pastoris* (L.) Medic. Shepherd's-purse Common

Cardamine bulbosa (Schreb. ex Muhl.) B.S.P. (*C. rhomboidea* (Pers.) DC.) Bulbous Cress Rare, deciduous swamps: Harper

Cardamine concatenata (Michx.) Schwein. . Cut-leaved Toothwort Rare, open woods: Elphin; Mill of Kintail; Sheridans Rapids; Watson Cors.

<i>Cardamine diphylla</i> (Michx.) Wood	.....	Toothwort	.....	Common
(<i>Dentaria diphylla</i> Michx.)				
* <i>Cardamine flexuosa</i> With.	.....	Bitter-cress	.....	Rare, gardens and nurseries: Glen Tay; Perth; Watson Cors.
<i>Cardamine parviflora</i> L.	.....	Small-flowered Bitter-cress	..	Sparse, open dry woods: Big Rideau L. (2); Brightside; Christie L.; Clyde Forks; Joes L.; Lavant Long L.; Murphys Pt. Pk.; Pakenham Mtn.
<i>Cardamine pensylvanica</i> Muhl. ex Willd.	..	Pennsylvania Bitter-cress	...	Uncommon, wet woods and marshes
<i>Cardamine pratensis</i> L.	.....	Cuckoo-flower	.....	Sparse, open wetlands: Bolingbroke; Clayton L.; Innisville; Napier L.; Pinery Rd.; Purdon Cons. Area; Smiths Falls; Stump L.; White L.
* <i>Conringia orientalis</i> (L.) Dum.	.....	Hare's-ear Mustard	.....	Rare, disturbed ground: [Carleton Place-1943]
* <i>Descurainia pinnata</i> (Walt.) Britt.	.....	Green Tansy-mustard	.....	Rare, rail lines and disturbed ground: Smiths Falls; Watson Cors.; White L.
ssp. <i>brachycarpa</i> (Richards.) Detl.				
* <i>Descurainia sophia</i> (L.) Webb ex Prantl	....	Tansy-mustard	.....	Rare, mainly rail lines: Glen Tay; Perth (2); Pinery Rd.; [Appleton-1949]
* <i>Diplotaxis tenuifolia</i> (L.) DC.	.....	Wall Rocket	.....	Rare, rail lines: Numogate
* <i>Draba verna</i> L.	.....	Whitlow-grass	.....	Rare, mainly campgrounds: Murphys Pt. Pk. (2); Silver L. Pk.; Smiths Falls
(<i>Erophila verna</i> (L.) Chevall.)				
* <i>Erucastrum gallicum</i> (Willd.) Schultz	.....	Dog Mustard	.....	Sparse, roadsides: Bennett L.; Carleton Place; Franktown; Glen Tay; Perth (2); S. Montague Swamp; Watson Cors. (2)
* <i>Erysimum cheiranthoides</i> L.	.....	Wormseed Mustard	.....	Common
* <i>Erysimum hieraciifolium</i> L.	.....	Tall Wormseed Mustard	....	Common
* <i>Hesperis matronalis</i> L.	.....	Dame's Rocket	.....	Uncommon garden escape
* <i>Iberis umbellata</i> L.	.....	Globe Candytuft	.....	Rare garden escape: Watson Cors.; Wolf Grove
* <i>Lepidium campestre</i> (L.) R. Br.	.....	Field Cress	.....	Uncommon, disturbed ground
* <i>Lepidium densiflorum</i> Schrad.	.....	Peppergrass	.....	Common
* <i>Lepidium virginicum</i> L.	.....	Poor-man's Pepper	.....	Rare, disturbed ground: Burnt Lands; Napier L.; Watson Cors.; [Sheridans Rapids-1969]
#S3? <i>Neobeckia aquatica</i> (Eat.) Greene	.....	Lake Cress	.....	Rare, shallow water: Bennett L.; [Murphys Pt. Pk.-1974]; [Stump L.- 1969]
(<i>Armoracia aquatica</i> (Eat.) Wieg;				
<i>A. lacustris</i> (Gray) Al-Sh. & Bates;				
<i>Rorippa aquatica</i> (Eat.) Palm. & Stey.)				
* <i>Neslia paniculata</i> (L.) Desv.	.....	Ball Mustard	.....	Rare, disturbed ground: [Carleton Place-1943]
* <i>Rorippa nasturtium-aquaticum</i> (L.) Hayek	..	Watercress	.....	Rare, shallow water: Clayton; Smiths Falls
(<i>Nasturtium officinale</i> R. Br.)				
<i>Rorippa palustris</i> (L.) Bess. ssp. <i>fernaldiana</i>		Yellow Cress	.....	Rare, moist to wet ground: Lavant Long L. (2); Perth; Tatlock; [Almonte- 1939]; [Carleton Place-1941]; [Smiths Falls-1949]
(Butt. & Abbe) Jonsell (<i>R. islandica</i>				
(Oeder) Borbás var. <i>fernaldiana</i>				
Butt. & Abbe)				
<i>Rorippa palustris</i> (L.) Bess. ssp. <i>hispida</i>	....	Hairy Yellow Cress	.....	Uncommon, moist to wet ground
(Desv.) Jonsell (<i>R. islandica</i> (Oeder)				
Borbás var. <i>hispida</i> Desv.)				

- * *Rorippa sylvestris* (L.) Bess. Creeping Yellow Cress Sparse, mainly shorelines: Almonte; Beveridge Locks; Blakeney; Carleton Place; Murphys Pt. Pk.; Pakenham; Perth; Rideau Ferry; Watson Cors.
- * *Sinapis alba* L. White Mustard Rare, rail lines: Almonte; Pakenham
- * *Sinapis arvensis* L. Charlock Common
(*Brassica kaber* (DC.) Wheeler)
- * *Sisymbrium altissimum* L. Tumble Mustard Sparse, disturbed ground: Beveridge Locks; Big Rideau L.; Carleton Place; McDonalds Cors.; Murphys Pt. Pk.; Napier L.; Smiths Falls
- * *Sisymbrium loeselii* L. Tall Hedge Mustard Rare, rail lines: Almonte; Carleton Place
- * *Sisymbrium officinale* (L.) Scop. Hedge Mustard Rare, disturbed ground: Perth; Watson Cors.; [Pakenham Tp.-1939]
- * *Thlaspi arvense* L. Field Penny-cress Uncommon, disturbed ground

SARRACENIACEAE

PITCHER-PLANT FAMILY

- Sarracenia purpurea* L. Pitcher-plant Uncommon (18), bogs, fens, and poor fens

DROSERACEAE

SUNDEW FAMILY

- Drosera intermedia* Hayne Spatulate-leaved Sundew Rare, poor fens: Bottle L.; Dixon L.; Indian Ck.; Lavant Sta.; Robertson L.
- Drosera rotundifolia* L. Round-leaved Sundew Uncommon, poor fens and boggy shorelines

CRASSULACEAE

ORPINE FAMILY

- * *Hylotelephium telephium* (L.) H. Ohba Orpine Rare garden escape: Blakeney; Murphys Pt. Pk.; Silver L. Pk.; Watson Cors.; [Brightside-1971]
- (*Sedum telephium* L.)
- * *Sedum acre* L. Mossy Stonecrop Uncommon garden escape
- * *Sedum hispanicum* L. Spanish Stonecrop Rare garden escape: Burnt Lands; Lanark; Watson Cors.
- * *Sedum sarmentosum* Bunge. Stonecrop Rare garden escape: Smiths Falls
- Note:** Other garden *Sedum* will occasionally spread to shorelines, areas of bare rock, and disturbed ground. Due to the large number of species, varieties, hybrids, and garden cultivars involved, identifying these escapes is often impossible.

PENTHORACEAE

DITCH STONECROP FAMILY

- Penthorum sedoides* L. Ditch-stonecrop Uncommon (14), open wet woods

SAXIFRAGACEAE

SAXIFRAGE FAMILY

- Chrysosplenium americanum* Schwein. Golden-saxifrage Sparse, wet woods: Clayton; Otty L.; Purdon Cons. Area; Stump L.; Watson Cors. (3)
- Micranthes virginiensis* (Michx.) Sm. Early Saxifrage Uncommon, open rocky slopes
(*Saxifraga virginiensis* Michx.)
- Mitella diphylla* L. Mitrewort Common
- Mitella nuda* L. Naked Mitrewort Uncommon, wet mixed woods

Parnassia glauca Raf. Grass-of-parnassus Rare, calcareous shorelines:
Clydesville; Herrons Mills;
Playfairville; Sheridans Rapids;
[Ferguson Falls-1952]

Note: *Saxifraga virginienensis* now called *Micranthes virginienensis*

Tiarella cordifolia L. Foamflower Common

HYDRANGEACEAE HYDRANGEA FAMILY

* *Philadelphus coronarius* L. Mock-orange Rare garden escape: Carleton Place
(2)

GROSSULARIACEAE GOOSEBERRY FAMILY

* *Ribes aureum* Pursh var. *villosum* DC. Golden Currant Rare garden escape: Perth
(*R. odoratum* Wendl. f.)

Ribes americanum Mill. Wild Black Currant Common

Ribes cynosbati L. Wild Gooseberry Common

Ribes glandulosum Grauer Skunk Currant Uncommon, wet mixed woods

Ribes hirtellum Michx. Wild Gooseberry Common

Ribes hudsonianum Richards. Northern Wild Black Currant Rare, wet woods: Peterwhite L.

Ribes lacustre (Pers.) Poir. Swamp Currant Uncommon, moist woods

* *Ribes rubrum* L. Red Currant Rare garden escape: Almonte

Ribes triste Pall. American Red Currant Uncommon, wet woods

ROSACEAE ROSE FAMILY

Agrimonia gryposepala Wallr. Hooked Agrimony Common

Amelanchier alnifolia (Nutt.) Nutt. Juneberry Sparse, open rocky meadows:
Bobs L.; Burnt Lands; California;
Clay Bank; Lavant Sta.; Long L.;
Lowney L.; [Pakenham Mtn.-1977]

Amelanchier arborea (Michx. f.) Fern. Juneberry Rare, open woods: Andrews ville;
Murphys Pt. Pk.; Napier L.; Purdon
Cons. Area; [Boyd's-1968];
[Christie L.-1966]

Amelanchier laevis Wieg. Smooth Serviceberry Common

Amelanchier sanguinea (Pursh) DC. Roundleaf Serviceberry Uncommon, open rocky slopes

Amelanchier spicata (Lam.) K. Koch (s.l.) .. Shadbush Rare, dry meadows: Burnt Lands;
Christie L.; Otty L.

Aronia melanocarpa (Michx.) Ell. Black Chokeberry Uncommon, bogs and rocky slopes
(*A. prunifolia* (Marsh.) Rehder;

Photinia melanocarpa (Michx.) Roberts. & Phipps)

Crataegus chrysocarpa Ashe Golden-fruited Hawthorn ... Uncommon, open woods and
meadows

Crataegus flabellata (Bosc ex Spach) Hawthorn Rare, old fields: Ramsay Tp.
K. Koch

Crataegus macracantha Lodd. Downy Hawthorn Rare, old fields: Burnt Lands

Crataegus punctata Jacq. Punctate Hawthorn Uncommon, open woods and
meadows

Crataegus submollis Sarg. Velvety Hawthorn Rare, old fields: Glen Tay; [Carleton
Place-1922]; [Port Elmsley-1977];
[Ramsay-1862]

Crataegus succulenta Schrad. ex Link Succulent Hawthorn Rare, old fields: Carleton Place

Dalibarda repens L. Dewdrop Rare, wet woods: Blueberry Marsh
(Gartner-Lee Assoc. Ltd., 1984)

Fragaria vesca L. Wood Strawberry Uncommon, open rocky slopes

Fragaria virginiana Mill. Wild Strawberry Common

<i>Geum aleppicum</i> Jacq.	Yellow Avens	Common
<i>Geum canadense</i> Jacq.	White Avens	Common
<i>Geum laciniatum</i> Murr.	Slashed Avens	Rare, rich woods: Carleton Place
<i>Geum rivale</i> L.	Purple Avens	Sparse, open wetlands and conifer swamps: Clyde Forks (2); Joes L.; Lavant Long L.; Napier L.; Watson Cors.
* <i>Malus pumila</i> Mill.	Wild Apple	Common
(M. sylvestris auct.; Pyrus malus auct.)		
* <i>Physocarpus opulifolius</i> (L.) Maxim.	Ninebark	Rare, wet thickets and shorelines: Smiths Falls. A native shrub elsewhere in Ontario but the Smiths Falls population is a garden escape.
<i>Potentilla anserina</i> L.	Silverweed	Rare, mainly shorelines: California; Clydesville; Herrons Mills; Hopetown; Napier L.; [Carleton Place-1941]; [Watson Cors.-prob. extirpated]
(Argentina anserina (L.) Rydb.)		
* <i>Potentilla argentea</i> L.	Silvery Cinquefoil	Common
<i>Potentilla arguta</i> Pursh	Tall Cinquefoil	Rare, dry open sites: Big Rideau L. (2); MacKay L.; Pinery Rd.; Purdon Cons. Area; [Clayton-1943]; [Merrickville-1947]; [Pakenham Mtn.-1975]; [Prospect-1977]
(Drymocallis agrimonioides (Pursh) Rydb.)		
<i>Potentilla fruticosa</i> L.	Shrubby Cinquefoil	Uncommon (16), fens and calcareous shores
(Dasiphora floribunda (Pursh) Kartesz)		
* <i>Potentilla neummanniana</i> Asch.	Spring Cinquefoil	Rare lawn weed: Watson Cors.
(P. tabernaemontani Asch.; P. verna L.)		
* <i>Potentilla norvegica</i> L.	Rough Cinquefoil	Common
<i>Potentilla palustris</i> (L.) Scop.	Marsh Cinquefoil	Uncommon, open wetlands
(Comarum palustre L.)		
* <i>Potentilla recta</i> L.	Rough-fruited Cinquefoil	Common
<i>Potentilla simplex</i> Michx.	Common Cinquefoil	Uncommon, dry meadows
* <i>Potentilla ×inclinata</i> Vill.	Downy Cinquefoil	Sparse, roadsides and rail lines: Almonte; Carleton Place; Maberly (2); Pakenham; Sheridans Rapids; Smiths Falls; [Stump L.-1969]
(P. intermedia auct.; P. argentea × P. recta)		
<i>Prunus nigra</i> Ait.	Canada Plum	Common
<i>Prunus pensylvanica</i> L. f.	Pin Cherry	Common
<i>Prunus pumila</i> L. var. <i>susquehanae</i> (Willd.) Jaeger (P. cuneata Raf.)	Sand Cherry	Rare, rocky meadows: California; Pakenham Mtn.
<i>Prunus serotina</i> Ehrh.	Black Cherry	Common
<i>Prunus virginiana</i> L.	Choke Cherry	Common
<i>Rosa acicularis</i> Lindl.	Bristly Rose	Uncommon, roadsides and meadows
<i>Rosa blanda</i> Ait.	Wild Rose	Uncommon, roadsides and meadows
* <i>Rosa cinnamomea</i> L.	Cinnamon Rose	Rare garden escape: Almonte; Christie L.
(R. majalis Herrm.)		
* <i>Rosa eglanteria</i> L.	Sweet-briar	Rare escape from cultivation: Innisville; Middleville; Sheridans Rapids; Watson Cors.; Woods L.; [Almonte-1890]; [Stump L.-1969]
(R. rubiginosa L.)		
<i>Rosa palustris</i> Marsh.	Swamp Rose	Uncommon (14), mainly shorelines

Note: Other garden Roses will occasionally spread to roadsides, fields, and disturbed ground. Due to the large number of varieties, hybrids, and garden cultivars involved, identifying these escapes is sometimes impossible.

<i>Rubus allegheniensis</i> Porter	Blackberry	Common
<i>Rubus hispidus</i> L.	Dewberry	Sparse, open wetlands and rocky shorelines: Bottle L.; Cranberry L.; Dalhousie L.; Lavant Long L.; Lavant Sta.; McGowan L.; O'Brien L.; Robertson L.
<i>Rubus idaeus</i> L. ssp. <i>strigosus</i> (Michx.) Focke (<i>R. strigosus</i> Michx.)	Red Raspberry	Common
<i>Rubus occidentalis</i> L.	Black Raspberry	Common
<i>Rubus odoratus</i> L.	Purple Flowering Raspberry	Uncommon, open woods
<i>Rubus pubescens</i> Raf.	Dwarf Raspberry	Common
* <i>Sorbaria sorbifolia</i> (L.) A. Br.	False Spiraea	Sparse garden escape: Blakeney; Boyds; Cedar Hill; Herrons Mills; Lanark; Perth; Playfairville; Watson Cors.
<i>Sorbus americana</i> Marsh.	American Mountain-ash	Rare, wet woods: Andrews ville; Darling Long L.; Wolf Grove; [Long Swamp-1966]; [Otty L.-1966]
* <i>Sorbus aucuparia</i> L.	European Mountain-ash	Sparse escape from cultivation: Almonte; Carleton Place; Lanark; Perth (2); Smiths Falls
<i>Spiraea alba</i> Du Roi	Meadowsweet	Common
<i>Spiraea tomentosa</i> L.	Steeplebush	Common
<i>Waldsteinia fragarioides</i> (Michx.) Tratt.	Barren-strawberry	Common
<u>FABACEAE (LEGUMINOSAE)</u>		<u>BEAN FAMILY</u>
<i>Amphicarpaea bracteata</i> (L.) Fern.	Hog-peanut	Common
<i>Apios americana</i> Medic.	Groundnut	Uncommon (15), mainly shorelines
<i>Astragalus canadensis</i> L.	Canadian Milk-vetch	Uncommon (13), open rocky woods
* <i>Astragalus cicer</i> L.	Cicer Milk-vetch	Rare, open woods: Bobs L.
#S3 <i>Astragalus neglectus</i> (T. & G.) Sheldon	Cooper's Milk-vetch	Rare, open woods on limestone: Almonte; Burnt Lands; Clay Bank; Panmure
* <i>Caragana arborescens</i> Lam.	Siberian Pea Tree	Rare escape from cultivation: Boundary L.
* <i>Caragana frutex</i> (L.) K. Koch	Russian Pea Shrub	Rare garden escape: Herrons Mills
* <i>Coronilla varia</i> L.	Crown-vetch	Sparse escape from cultivation: Almonte; Clydesville; Darling Long L.; Burnt Lands; Perth; Playfairville
<i>Desmodium canadense</i> (L.) DC.	Showy Tick-trefoil	Uncommon (16), mainly shorelines
<i>Desmodium glutinosum</i> (Muhl. ex Willd.) Wood	Glutinous Tick-trefoil	Uncommon, open woods
<i>Desmodium nudiflorum</i> (L.) DC.	Naked-flowered Tick-trefoil	Rare, open woods: [Murphys Pt. Pk.-1974] (Lindsay, 1974)
<i>Desmodium paniculatum</i> (L.) DC.	Panicled Tick-trefoil	Rare, open woods: Bolingbroke; Christie L.
* <i>Lathyrus latifolius</i> L.	Everlasting Pea	Sparse garden escape: Blakeney; Brightside; Christie L.; Elphin (2); Lowney L.; Stump L.; Watson Cors.
<i>Lathyrus palustris</i> L.	Marsh Wild Pea	Uncommon (15), mainly shorelines
* <i>Lathyrus pratensis</i> L.	Yellow Vetchling	Rare, roadsides: Merrickville
* <i>Lathyrus sylvestris</i> L.	Everlasting Pea	Rare garden escape: Perth

* <i>Lathyrus tuberosus</i> L.	Tuberous Pea	Rare garden escape: Clayton
<i>Lespedeza capitata</i> Michx.	Round-headed Bush-clover ..	Rare, dry rocky meadows: O'Brien L.
* <i>Lotus corniculatus</i> L.	Bird's-foot Trefoil	Common
* <i>Lupinus polyphyllus</i> Lindl.	Large-leaved Lupine	Rare garden escape: Christie L.; Middleville; Robertson L.; Sheridans Rapids
* <i>Medicago lupulina</i> L.	Black Medic	Common
* <i>Medicago sativa</i> L.	Alfalfa	Common
* <i>Melilotus alba</i> Desr.	White Sweet-clover	Common
* <i>Melilotus officinalis</i> (L.) Pall.	Yellow Sweet-clover	Common
* <i>Robinia pseudo-acacia</i> L.	Black Locust	Uncommon escape from cultivation
* <i>Trifolium aureum</i> Poll.	Hop Clover	Common
(<i>T. agrarium</i> L.)		
* <i>Trifolium campestre</i> Schreb.	Low Hop Clover	Uncommon, meadows and disturbed ground
(<i>T. procumbens</i> L.)		
* <i>Trifolium hybridum</i> L.	Alsike Clover	Common
ssp. <i>elegans</i> (Savi) Asch. & Graebn.		
* <i>Trifolium pratense</i> L.	Red Clover	Common
* <i>Trifolium repens</i> L.	White Clover	Common
* <i>Vicia cracca</i> L.	Vetch	Common
* <i>Vicia hirsuta</i> (L.) Gray	Hairy Vetch	Rare, rail lines: Almonte; Perth
* <i>Vicia sativa</i> L.	Common Vetch	Rare, disturbed ground: Fallbrook; Napier L.; [Sheridans Rapids-1969]
(<i>V. angustifolia</i> L.)		
* <i>Vicia tetrasperma</i> (L.) Schreb.	Four-seeded Vetch	Sparse, dry rocky meadows: Almonte; Christie L. (2); Clyde L.; McGowan L.; Murphys Pt. Pk. (2)

LINACEAE

FLAX FAMILY

* <i>Linum usitatissimum</i> L.	Common Flax	Rare, roadsides and rail lines: Almonte; Glen Tay; Perth; Watson Cors.
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OXALIDACEAE

WOOD-SORREL FAMILY

<i>Oxalis acetosella</i> L.	Wood-sorrel	Uncommon (15), rich woods
(<i>O. montana</i> Raf.)		
* <i>Oxalis stricta</i> L.	Yellow Wood-sorrel	Common
(<i>O. dillenii</i> Jacq.; <i>O. fontana</i> Bunge; <i>O. europaea</i> Jord.)		

GERANIACEAE

GERANIUM FAMILY

* <i>Erodium cicutarium</i> (L.) L'Hér.	Stork's-bill	Rare lawn weed: Smiths Falls
<i>Geranium bicknellii</i> Britt.	Bicknell's Crane's-bill	Uncommon, open rocky slopes
* <i>Geranium robertianum</i> L.	Herb Robert	Common

RUTACEAE

RUE FAMILY

<i>Zanthoxylum americanum</i> Mill.	Prickly-ash	Uncommon, shrubby fields and open woods
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POLYGALACEAE

MILKWORT FAMILY

<i>Polygala paucifolia</i> Willd.	Gaywings	Uncommon, mixed woods
<i>Polygala polygama</i> Walter	Pink Polygala	Rare, dry rocky meadows: O'Brien L.
#S3 <i>Polygala sanguinea</i> L.	Purple Milkwort	Rare but probably extirpated, dry fields: Watson Cors.

Polygala senega L. Seneca Snakeroot Rare, dry limestone: Burnt Lands (2); Clay Bank (2); Panmure
Polygala verticillata L. Whorled Milkwort Rare, dry meadows: Innisville; [Brooke-1947]

EUPHORBIACEAE SPURGE FAMILY

- (*) *Acalypha virginica* L. Three-seeded Mercury Uncommon, disturbed ground
 (A. *rhomboidea* Raf.)
 (*) *Chamaesyce glyptosperma* (Engelm.) Small . Ridge-seeded Spurge Rare, rail lines and disturbed ground: Little Silver L.; [Almonte-1976]; Pakenham-1976]
 (Euphorbia *glyptosperma* Engelm.)
 * *Chamaesyce maculata* (L.) Small Wartweed Common
 (Euphorbia *maculata* L.; E. *supina* Raf.)
 * *Chamaesyce nutans* (Lag.) Small Eyebane Rare, rail lines: Christie L.; Smiths Falls (2)
 (Euphorbia *nutans* Lag.)
 * *Chamaesyce serpyllifolia* (Pers.) Small Thyme-leaved Spurge Rare, disturbed ground: Pinery Rd.; [Carleton Place-1922]
 (Euphorbia *serpyllifolia* Pers.)
Chamaesyce vermiculata (Raf.) House Vermiculate Spurge Rare, disturbed ground: [Carleton Place-1922]
 (Euphorbia *vermiculata* Raf.)
 * *Euphorbia cyparissias* L. Cypress Spurge Common
 * *Euphorbia esula* L. Leafy Spurge Rare, roadsides and disturbed ground: Franktown; [Appleton-1949]
 * *Euphorbia peplus* L. Petty Spurge Rare, disturbed ground: [Carleton Place-1943]

CALLITRICHACEAE WATER-STARWORT FAMILY

Callitriche hermaphrodita L. Water-starwort Rare, quiet water: Bobs L.; Christie L.; Elphin; [Beveridge Locks-1951]
Callitriche verna L. Common Water-starwort Sparse, shallow quiet water: Elphin; Ferguson Falls; Lavant Long L.; Pakenham; Port Elmsley; Stump L.; Watson Cors.
 (C. *palustris* L.)

LIMNANTHACEAE FALSE MERMAID FAMILY

Floerkea proserpinacoides Willd. False Mermaid Rare, open wet woods: Almonte

ANACARDIACEAE CASHEW FAMILY

- * *Cotinus coggygria* Scop. Smoke-tree Rare garden escape: Almonte
Rhus aromatica Ait. Fragrant Sumac Sparse, dry meadows: Big Rideau L.; Bobs L.; Bolingbroke (2); Christie L.; Farren L.; Indian Ck.; McGowan L.
Rhus typhina L. Staghorn Sumac Common
 (R. *hirta* (L.) Sudw.)
Toxicodendron radicans (L.) Kuntze Climbing Poison Ivy Rare, rocky slopes: Carleton Place; Playfairville
 ssp. *negundo* (Greene) Gillis
 (Rhus *radicans* L. ssp. *negundo* (Greene) McNeill)
Toxicodendron rydbergii (Small ex Rydb.) Poison Ivy Common
 Greene (Rhus *radicans* L. ssp. *rydbergii* (Small ex Rydb.) McNeill)
Toxicodendron vernix (L.) Kuntze Poison Sumac Rare, open wetlands: Wolf Grove
 (Rhus *vernix* L.)

AQUIFOLIACEAEHOLLY FAMILY

- Ilex verticillata* (L.) Gray Winterberry Common
- Nemopanthus mucronatus* (L.) Loes. Mountain-holly Sparse, open wetlands: Blueberry Marsh; Bottle L.; Dixon L.; Goodwood Marsh; Indian Ck.; Lavant Sta.; Numogate; Park L.; Wolf Grove; [Ramsay-1862]

CELASTRACEAESTAFF-TREE FAMILY

- Celastrus scandens* L. Bittersweet Common

ACERACEAEMAPLE FAMILY

- * *Acer negundo* L. Manitoba Maple Common
- Acer pensylvanicum* L. Striped Maple Uncommon, moist woods
- * *Acer platanoides* L. Norway Maple Rare but spreading in urban areas: Almonte; Carleton Place; Perth; Smiths Falls
- Acer rubrum* L. Red Maple Common
- Acer saccharinum* L. Silver Maple Common
- Acer saccharum* Marsh. ssp. ***nigrum*** Black Maple Sparse, rich deciduous woods: Almonte; Andrewsville; Carleton Place; Lake Madawaska; Mill of Kintail; Murphys Pt. Pk.; Pakenham; [Brightside-1971]
(Michx. f.) Desm. (***A. nigrum*** Michx. f.)
- Acer saccharum* Marsh. ssp. ***saccharum*** Sugar Maple Common
- Acer spicatum* Lam. Mountain Maple Common
- Acer* × ***freemanii*** Murr. Hybrid Soft Maple Uncommon, deciduous swamps
(*A. rubrum* × *A. saccharinum*)

BALSAMINACEAETOUCH-ME-NOT FAMILY

- Impatiens capensis* Meerb. Touch-me-not Common
- * *Impatiens glandulifera* Royle Indian Balsam Rare garden escape: Hopetown; Pakenham

RHAMNACEAEBUCKTHORN FAMILY

- Ceanothus americanus* L. New Jersey Tea Sparse, dry rocky meadows: Adams L.; Bennett L.; Big Rideau L.; Christie L.; Flower Sta.; Lowney L.; Maberly; [Murphys Pt. Pk.-1974]
- Ceanothus herbaceus* Raf. Narrow-leaved
(*C. ovatus* auct. non Desf.) New Jersey Tea Rare, alvars: Burnt Lands
- Rhamnus alnifolia* L'Hér. Alder-leaved Buckthorn Uncommon, open wetlands
- * *Rhamnus cathartica* L. Common Buckthorn Common
- * *Rhamnus frangula* L. Black Buckthorn Not known in the western part of Lanark County but uncommon and rapidly increasing in eastern Lanark.
(*Frangula alnus* P. Mill.)

Note: Black Buckthorn is an aggressive alien shrub that will surely become invasive in Lanark woods and wetlands as it has elsewhere in southern Ontario (Catling & Porebski, 1994).

VITACEAEGRAPE FAMILY

- Parthenocissus vitacea* (Knerr) Hitchc. Virginia Creeper Common
(*P. inserta* (Kerner) Fritsch)
- Vitis riparia* Michx. Wild Grape Common

TILIACEAELINDEN FAMILY

Tilia americana L. Basswood Common

MALVACEAEMALLOW FAMILY

- * *Abutilon theophrasti* Medic. Velvet-leaf Rare, disturbed ground: Appleton; Watson Cors.
- * *Alcea rosea* L. Hollyhock Rare garden escape: Almonte; Carleton Place; Fallbrook; White L.;
- * *Hibiscus trionum* L. Flower-of-an-hour Rare garden escape: [Ramsay-1862]
- * *Malva moschata* L. Musk Mallow Sparse garden escape: Beveridge Locks; Clayton; Pakenham; Poland; Tatlock; Woods L.
- * *Malva neglecta* Wallr. Common Mallow Common
- * *Malva sylvestris* L. High Mallow Rare, disturbed ground: [Murphys Pt. Pk.-1974] (Lindsay, 1974)

CLUSIACEAE (GUTTIFERAE)ST. JOHN'S-WORT FAMILY

- Hypericum boreale* (Britt.) Bickn. Dwarf St. John's-wort Sparse, poor fens and boggy shorelines: Dalhousie L.; Dixon L.; Joes L.; Lavant Long L.; Murphys Pt. Pk.; Napier L.
- (H. mutilum* L. ssp. *boreale* (Britt.) Gillett)
- Hypericum ellipticum* Hook. Pale St. John's-wort Rare, mainly shorelines: Dixon L.; Lavant Long L.; Stump L.
- Hypericum majus* (Gray) Britt. Large St. John's-wort Uncommon (13), mainly shorelines
- * *Hypericum perforatum* L. Common St. John's-wort Common
- Hypericum punctatum* Lam. Spotted St. John's-wort Rare, open woods: California
- Triadenum fraseri* (Spach) Gleason Marsh St. John's-wort Common
- (T. virginicum* (L.) Raf. ssp. *fraseri* (Spach) Gillett)
- Triadenum virginicum* (L.) Raf. Virginia St. John's-wort Rare, poor fens: Dixon L.; Cranberry L.; Woods L.

CISTACEAEROCKROSE FAMILY

Lechea intermedia Legg. Pinweed Uncommon (16), dry rocky meadows

VIOLACEAEVIOLET FAMILY

- Viola adunca* Sm. Hooked Violet Rare, rocky meadows: Burnt Lands (2); Clay Bank; Lavant Long L.; Panmure; [Clayton-1973]; [Peterwhite L.-1972]
- * *Viola arvensis* Murr. Field Pansy Rare, disturbed ground: [Murphys Pt. Pk.-1974] (Lindsay, 1974)
- Viola blanda* Willd. Sweet White Violet Uncommon, moist mixed woods
- Viola canadensis* L. Canada Violet Uncommon, rich deciduous woods
- Viola cucullata* Ait. Marsh Blue Violet Uncommon, open wetlands
- Viola labradorica* Schrank Dog Violet Common
- (V. conspersa* Reich.)
- Viola lanceolata* L. Lance-leaved Violet Rare, lakeshores: Dixon L.
- Viola macloskeyi* Lloyd ssp. *pallens* (Banks ex DC.) M.S. Baker Northern White Violet Uncommon, wet woods
- (V. pallens* (Banks ex DC.) Brainerd)
- Viola nephrophylla* Greene Northern Bog Violet Rare, wet woods: Burnt Lands; Pakenham Mtn.; Purdon Cons. Area; Sheridans Rapids

<i>Viola pubescens</i> Ait.	Downy Yellow Violet	Common
(incl. <i>V. eriocarpa</i> Schwein.)		
<i>Viola renifolia</i> Gray	Kidney-leaved Violet	Uncommon, fens and wet woods
<i>Viola rostrata</i> Pursh	Long-spurred Violet	Sparse, wet woods: Big Rideau L.; Glen Tay; Long L.; Merrickville; Murphys Pt. Pk.; Otty L.; [Carleton Place-1911]
<i>Viola sagittata</i> Ait. var. <i>ovata</i> (Nutt.) T. & G. Northern Downy Violet		Rare, dry rocky meadows: Christie L.; Lavant Long L.; O'Brien L.
(V. <i>fimbriatula</i> Sm.)		
<i>Viola selkirkii</i> Pursh	Great-spurred Violet	Rare, wet woods: [Carleton Place- 1911]
<i>Viola sororia</i> Willd.	Common Blue Violet	Common; however, a form with blue-veined white flowers is a rare garden escape: Mill of Kintail; Watson Cors.
(V. <i>papilionacea</i> auct. non Pursh; V. <i>septentrionalis</i> auct. non Greene)		
* <i>Viola tricolor</i> L.	Johnny-jump-up	Rare garden escape: McDonalds Cors.; Perth; Smiths Falls; Watson Cors.

THYMELAEACEAE

MEZEREUM FAMILY

<i>Dirca palustris</i> L.	Leatherwood	Common
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ELAEAGNACEAE

OLEASTER FAMILY

* <i>Elaeagnus angustifolia</i> L.	Russian-olive	Rare garden escape: Carleton Place
* <i>Shepherdia argentea</i> (Pursh) Nutt.	Thorny Buffaloberry	Rare garden escape: Perth; Watson Cors.
<i>Shepherdia canadensis</i> (L.) Nutt.	Soapberry	Uncommon, calcareous shorelines and dry woods

LYTHRACEAE

LOOSESTRIFE FAMILY

<i>Decodon verticillatus</i> (L.) Ell.	Water-willow	Uncommon, shorelines and marshes
* <i>Lythrum salicaria</i> L.	Purple Loosestrife	Common

ONAGRACEAE

EVENING-PRIMROSE FAMILY

<i>Circaea alpina</i> L.	Alpine Enchanter's Nightshade	Uncommon, moist woods
<i>Circaea lutetiana</i> L. ssp. <i>canadensis</i> (L.) ...	Enchanter's Nightshade	Common
Asch. & Magnus (<i>C. quadrisulcata</i> (Maxim.) Franch. & Sav.)		
<i>Epilobium angustifolium</i> L.	Fireweed	Uncommon, meadows and open woods
(Chamerion <i>angustifolium</i> (L.) Holub)		
<i>Epilobium ciliatum</i> Raf.	Northern Willow-herb	Common
(E. <i>glandulosum</i> auct. non Lehm.)		
<i>Epilobium coloratum</i> Biehler	Purple-leaved Willow-herb ..	Rare, open wetlands: Black Ck; Bobs L.; Christie L.; Herrons Mills; [Murphys Pt. Pk.-1974]; [Stump L.- 1969]
* <i>Epilobium hirsutum</i> L.	Hairy Willow-herb	Rare, disturbed ground: Almonte; Kilmarnock Locks; Park L.; Smiths Falls; White L.
<i>Epilobium leptophyllum</i> Raf.	Narrow-leaved Willow-herb .	Uncommon (18), wet meadows
<i>Epilobium palustre</i> L.	Swamp Willow-herb	Rare, fens and poor fens: Lavant Sta.; Napier L.; Numogate
* <i>Epilobium parviflorum</i> Schreb.	Small-flowered Willow-herb .	Rare, moist ground: Clayton (Thomson, 2005a)

Epilobium strictum Muhl. ex Spreng. Downy Willow-herb Sparse, fens and poor fens: Beveridge Locks; Lowney L. (3); Napier L.; Park L.; Pinery Rd.; Sheridans Rapids

Ludwigia palustris (L.) Ell. Marsh-purslane Uncommon, shorelines and marshes

Oenothera biennis L. Evening-primrose Common

Oenothera parviflora L. Small-flowered Evening-primrose Sparse, roadsides and disturbed ground: Beveridge Locks; Hopetown; Joes L.; Patterson L.; Perth; Smiths Falls; [Almonte-1939]; [Goodwood Marsh-1941]; [Ramsay Tp.-1945]

Oenothera perennis L. Sundrops Uncommon, moist meadows

HALORAGACEAE

WATER-MILFOIL FAMILY

Myriophyllum alterniflorum DC. Alternate Water-milfoil Sparse, shallow water: Big Rideau L. (2); Christie L.; Farren L.; Long L.; Murphys Pt. Pk.; O'Brien L.; Otty L.; Pike L. (2); Taylor L.

Myriophyllum heterophyllum Michx. Diverse-leaved Water-milfoil Rare, shallow water: Fagan L.; Innisville; Kilmarnock Locks; Lanark

Myriophyllum sibiricum Komarov Whitish Water-milfoil Common
(*M. exalbescens* Fern.)

* *Myriophyllum spicatum* L. Eurasian Water-milfoil Common

Myriophyllum verticillatum L. Whorled Water-milfoil Sparse, shallow water: Andrewsville; Beveridge Locks; Christie L.; Clayton L.; Clyde Forks (2); Clydesville; Dixon L.; MacKay L.

Proserpinaca palustris L. Mermaid-weed Sparse, mainly shallow water but easily overlooked in deeper water: Bobs L.; Burnt Lands; California; Clydesville (2); Franktown; Innisville; Joes L.; Pinery Rd.; Playfairville; Stump L.

HIPPURIDACEAE

MARE'S-TAIL FAMILY

Hippuris vulgaris L. Mare's-tail Rare, shallow water: Clayton L.; Poland; [Almonte-1862]; [Carleton Place- 1862]

ARALIACEAE

GINSENG FAMILY

Aralia hispida Vent. Bristly Sarsaparilla Uncommon, open rocky slopes

Aralia nudicaulis L. Wild Sarsaparilla Common

Aralia racemosa L. Spikenard Uncommon, rich woods

#S2 *Panax quinquefolius* L. Ginseng Sparse due to over-harvest

Panax trifolius L. Dwarf Ginseng Rare, rich woods: Glen Tay (poss. extirpated); Murphys Pt. Pk.; Watson Cors.; [Carleton Place-1903]; [Merrickville-1952]; [Ramsay-1861]

APIACEAE (UMBELLIFERAE) PARSLEY FAMILY

- * *Aegopodium podagraria* L. Goutweed Uncommon garden escape
- * *Anthriscus sylvestris* (L.) Hoffm. Wild Chervil Sparse garden escape: Almonte;
Franktown; Nolans Cors.; Perth (2);
Smiths Falls; Wolf Grove
- * *Carum carvi* L. Caraway Sparse, roadsides: Brooke; Fallbrook;
Franktown; Joes L.; Poland;
Watson Cors. (2); [Burnt Lands-
1941]; [Ashton Sta.-1949]
- Cicuta bulbifera* L. Bulb-bearing Water-hemlock Common
- Cicuta maculata* L. Water-hemlock Sparse, mainly shorelines:
Andrewsville; Bennett L.;
Blakeney; Farren L. (2); Lavant
Long L.; Pike L. (2); Rideau Ferry;
[Mill of Kintail-1979]; [Murphys
Pt. Pk.-1974]
- Cryptotaenia canadensis* (L.) DC. Honewort Sparse, moist woods: Andrewsville;
Blueberry Mtn., Clayton; Darling
Long L.; Fallbrook; Innisville; Joes
L.; Lavant Long L. (2);
Merrickville; Sheridans Rapids;
White L.; [Murphys Pt. Pk.-1974]
- * *Daucus carota* L. Queen Anne's-lace Common
- Heracleum maximum* Bartr. Cow-parsnip Rare, rich woods: Pakenham
(*Heracleum lanatum* Michx.)
- Hydrocotyle americana* L. Marsh-pennywort Uncommon (17), meadows and open
wet woods
- Osmorhiza claytonii* (Michx.) Clarke Sweet Cicely Common
- Osmorhiza longistylis* (Torr.) DC. Anise-root Rare, rich woods: [Murphys Pt. Pk.-
1974] (Lindsay, 1974)
- * *Pastinaca sativa* L. Wild Parsnip Common
- Sanicula marilandica* L. Black Snakeroot Common
- Sanicula odorata* (Raf.) Pryer & Phillippe .. Clustered Snakeroot Rare, rich woods: Clayton
(*S. gregaria* Bickn.) (Thomson, 2005a)
- Sanicula trifoliata* Bickn. Large-fruited Snakeroot Sparse, rich woods: Andrewsville;
Clayton; Lavant Long L.;
McDonalds Cors.; Napier L.;
Peterwhite L.; Watson Cors.
- Sium suave* Walt. Water-parsnip Common
- Zizia aurea* (L.) Koch Golden Alexanders Rare, damp meadows: Folger (2)

CORNACEAE DOGWOOD FAMILY

- Cornus alternifolia* L. f. Alternate-leaved Dogwood .. Common
- Cornus amomum* Mill. ssp. *obliqua* Silky Dogwood Uncommon, meadows and
(Raf.) Wilson (*C. obliqua* Raf.) fencerows
- Cornus canadensis* L. Bunchberry Common
- Cornus foemina* Mill. ssp. *racemosa* Red-panicle Dogwood Uncommon, meadows and
(Lam.) Wilson (*C. racemosa* Lam.) fencerows
- Cornus rugosa* Lam. Round-leaved Dogwood Uncommon, wooded slopes
- Cornus stolonifera* Michx. Red Osier Common

ERICACEAE HEATH FAMILY

- Andromeda polifolia* L. var. *latifolia* Ait. ... Bog Rosemary Uncommon (16), bogs and poor fens
(*A. polifolia* ssp. *glaucophylla* (Link) Hult.)
- Arctostaphylos uva-ursi* (L.) Spreng. Bearberry Uncommon, open rocky woods

<i>Chamaedaphne calyculata</i> (L.) Moench	Leatherleaf	Uncommon, bogs, poor fens, and boggy shorelines
(<i>Cassandra calyculata</i> (L.) D. Don)		
<i>Chimaphila umbellata</i> (L.) Bart.	Pipsissewa	Uncommon, mixed woods
<i>Epigaea repens</i> L.	Trailing Arbutus	Uncommon (14), mainly coniferous woods
<i>Gaultheria hispidula</i> (L.) Muhl. ex Bigel.	Creeping Snowberry	Uncommon, wet mossy woods
<i>Gaultheria procumbens</i> L.	Wintergreen	Common
<i>Gaylussacia baccata</i> (Wang.) K. Koch	Huckleberry	Sparse, poor fens and rocky slopes: Bottle L.; Cranberry L.; Dixon L.; Indian Ck.; Lavant Long L.; Lavant Sta.; Long L.; Lowney L.; Murphys Pt. Pk.; Pakenham Mtn.; Pike L.
<i>Kalmia angustifolia</i> L.	Sheep Laurel	Uncommon (14), mainly coniferous woods
<i>Kalmia polifolia</i> Wang.	Bog Laurel	Sparse, bogs and poor fens: Blueberry Marsh; Bottle L.; Cranberry L.; Dixon L.; Ferguson Falls; Lavant Sta. (2); Numogate; Park L.; [Ramsay-1862]
Note: <i>Ledum groenlandicum</i> is now called <i>Rhododendron groenlandicum</i>		
<i>Moneses uniflora</i> (L.) Gray	One-flowered Wintergreen	Uncommon (17), wet woods
<i>Monotropa hypopitys</i> L.	Pinesap	Uncommon (13), mixed woods
<i>Monotropa uniflora</i> L.	Indian Pipe	Common
<i>Orthilia secunda</i> (L.) House	One-sided Pyrola	Uncommon, mixed woods
(<i>Pyrola secunda</i> L.)		
#S2 <i>Pterospora andromedea</i> Nutt.	Pinedrops	Rare, mixed woods: Lowney L.; Napier L.; [Woods L.-prob. extirpated]
<i>Pyrola americana</i> Sw. (<i>P. rotundifolia</i> L. var. <i>americana</i> (Sw.) Fern.)	Pyrola	Sparse, open rocky meadows: Burnt Lands; Dixon L.; Indian Ck.; Lavant Long L.; Lavant Sta.; Robertson L.
<i>Pyrola asarifolia</i> Michx.	Pink Pyrola	Uncommon, moist mixed woods
<i>Pyrola chlorantha</i> Sw. (<i>P. virens</i> Schreb.)	Greenish-flowered Pyrola	Uncommon (17), mixed woods
<i>Pyrola elliptica</i> Nutt.	Shinleaf	Common
<i>Rhododendron groenlandicum</i> (Oeder) Kron & Judd (<i>Ledum groenlandicum</i> Oeder)	Labrador Tea	Uncommon, bogs, poor fens, and boggy woods
<i>Vaccinium angustifolium</i> Ait.	Low Blueberry	Common
<i>Vaccinium corymbosum</i> L.	High Bush Blueberry	Rare, boggy woods: Blueberry Marsh; Murphys Pt. Pk.; O'Brien L.
<i>Vaccinium macrocarpon</i> Ait.	Large Cranberry	Sparse, fens, poor fens, and boggy shorelines: Bottle L.; Dixon L.; Indian Ck.; Lavant Sta.; Lowney L.; Numogate; Park L.; Robertson L.; Sheridans Rapids
<i>Vaccinium myrtilloides</i> Michx.	Velvetleaf Blueberry	Uncommon, open mixed woods
<i>Vaccinium oxycoccos</i> L.	Small Cranberry	Uncommon, bogs and poor fens
PRIMULACEAE	PRIMROSE FAMILY	
<i>Primula mistassinica</i> Michx.	Bird's-eye Primrose	Rare, calcareous shorelines: Napier L.

MYRSINACEAEMYRSINE FAMILY

<i>Lysimachia ciliata</i> L.	Fringed Loosestrife	Sparse, mainly shorelines: Almonte; Blakeney; Carleton Place; Clydesville; Dalhousie L.; Lanark; Pakenham (2); Playfairville; Sheridans Rapids; Smiths Falls (2)
* <i>Lysimachia nummularia</i> L.	Moneywort	Uncommon garden escape
* <i>Lysimachia punctata</i> L.	Spotted Loosestrife	Rare garden escape: McDonald Cors.; Smiths Falls; [Perth-1902]
<i>Lysimachia quadrifolia</i> L.	Whorled Loosestrife	Rare, open dry woods: Bolingbroke; Darling Long L.
<i>Lysimachia terrestris</i> (L.) BSP.	Swamp-candles	Common
<i>Lysimachia thyrsiflora</i> L.	Tufted Loosestrife	Common
<i>Trientalis borealis</i> Raf.	Starflower	Common

OLEACEAEOLIVE FAMILY

<i>Fraxinus americana</i> L.	White Ash	Common
<i>Fraxinus nigra</i> Marsh.	Black Ash	Common
<i>Fraxinus pennsylvanica</i> Marsh.	Red Ash	Common
* <i>Syringa vulgaris</i> L.	Lilac	Common escape from cultivation

GENTIANACEAEGENTIAN FAMILY

* <i>Centaurium pulchellum</i> (Sw.) Druce	Lesser Centaury	Rare, roadsides and disturbed ground: Carleton Place; Perth; Pinery Rd.
<i>Gentiana andrewsii</i> Griseb.	Bottle Gentian	Uncommon (17), mainly shorelines
#S2 <i>Gentianella quinquefolia</i> (L.) Small	Stiff Gentian	Rare, rocky shorelines: Christie L.
<i>Gentianopsis crinita</i> (Froel.) Ma	Fringed Gentian	Sparse, calcareous sites: Burnt Lands (2); Folger; Hopetown; Joes L.; Napier L.; Numogate; Pinery Rd.; Smiths Falls; Watson Cors.
(<i>Gentiana crinita</i> Froel.)		
<i>Halenia deflexa</i> (Sm.) Griseb.	Spurred-gentian	Rare, mainly coniferous woods: Burnt Lands (2)

MENYANTHACEAEBUCKBEAN FAMILY

<i>Menyanthes trifoliata</i> L.	Buckbean	Uncommon (13), mainly fens
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APOCYNACEAEDOGBANE FAMILY

<i>Apocynum androsaemifolium</i> L.	Dogbane	Common
<i>Apocynum cannabinum</i> L.	Indian Hemp	Uncommon, mainly shorelines
(incl. <i>A. sibiricum</i> Jacq.)		
* <i>Vinca minor</i> L.	Periwinkle	Rare garden escape: Almonte; Christie L.; Lanark; Perth

ASCLEPIADACEAEMILKWEED FAMILY

<i>Asclepias exaltata</i> L.	Poke Milkweed	Rare, open woods: Bolingbroke; Poland
<i>Asclepias incarnata</i> L.	Swamp Milkweed	Common
<i>Asclepias syriaca</i> L.	Common Milkweed	Common
* <i>Cynanchum rossicum</i> (Kleop.) Borh.	Swallow-wort	Sparse and increasing, rail lines and disturbed ground: Beveridge Locks; Bolingbroke; Glen Tay; Merrickville; Murphys Pt. Pk.; Perth
(<i>Vincetoxicum rossicum</i> (Kleop.) Barb.)		

CONVOLVULACEAEMORNING-GLORY FAMILY

- Calystegia sepium* (L.) R. Br. Hedge Bindweed Common
(*Convolvulus sepium* L.)
- Calystegia spithamea* (L.) Pursh Upright Bindweed Rare, open calcareous woods:
(*Convolvulus spithameus* L.) Boundary L.; Burnt Lands (2);
Panmure
- * *Convolvulus arvensis* L. Field Bindweed Common
- Cuscuta gronovii* Willd. ex Schultz Dodder Uncommon (13), moist meadows and
shorelines

POLEMONIACEAEPHLOX FAMILY

- * *Collomia linearis* Nutt. Narrow-leaved Collomia ... Rare, dry meadows: [Christie L.-
1960]
- Phlox divaricata* L. Blue Phlox Uncommon, open deciduous woods
- * *Phlox paniculata* L. Garden Phlox Rare garden escape: Almonte;
Pakenham; [Murphys Pt. Pk.-1974]
- * *Phlox subulata* L. Moss Phlox Rare garden escape: Robertson L.

HYDROPHYLLACEAEWATERLEAF FAMILY

- Hydrophyllum virginianum* L. Waterleaf Rare, rich woods: Almonte; Lanark;
Merrickville; Mill of Kintail;
Pakenham; [Wolf Grove-1968]

BORAGINACEAEBORAGE FAMILY

- Cynoglossum boreale* Fern. Wild Comfrey Sparse, mixed woods: Burnt Lands;
Cranberry L.; Darling Long L.;
Dixon L.; Hopetown; Joes L.;
Lavant Long L.; MacKay L.;
Panmure; Pinery Rd.; Purdon Cons.
Area; Woods L.
- * *Cynoglossum officinale* L. Hound's-tongue Common
- * *Echium vulgare* L. Blue-weed Common
- Hackelia deflexa* (Wahl.) Opiz American Stickseed Uncommon (15), open deciduous
(*H. americana* (Gray) Fern.) woods
- Hackelia virginiana* (L.) Johnst. Virginian Stickseed Uncommon (13), open deciduous
woods
- * *Lappula squarrosa* (Retz.) Dumort. Two-row Stickseed Rare, disturbed ground: Almonte;
Carleton Place; Napier L.; Perth;
[Appleton-1949]; [Blakeney-1945];
[Goodwood Marsh-1941]
- * *Lithospermum officinale* L. Gromwell Common
- * *Myosotis arvensis* (L.) Hill Forget-me-not Rare, open woods: Almonte
(*M. scorpioides* L. var *arvensis* L.)
- Myosotis laxa* Lehm. Smaller Forget-me-not Rare, wet ground: Andrewsville;
[Murphys Pt. Pk.-1974]; [Ramsay
Tp.-1945]
- * *Myosotis scorpioides* L. Large Forget-me-not Sparse, wet shores: Almonte;
Beveridge Locks; Blakeney;
Carleton Place; Innisville;
Kilmarnock Locks; Merrickville;
Murphys Pt. Pk.; Pakenham;
Rideau Ferry; White L.; [Appleton-
1953]
- * *Myosotis stricta* Link. Forget-me-not Rare, campsites: Big Rideau L.;
Murphys Pt. Pk.; Silver L. Pk.

- * *Myosotis sylvatica* Hoffm. Forget-me-not Rare garden escape: Almonte; Mill of Kintail; Perth; Watson Cors.
- * *Symphytum asperum* Lapech. Prickly Comfrey Rare garden escape: Wolf Grove
- * *Symphytum officinale* L. Comfrey Rare garden escape: Burnt Lands; Pakenham

VERBENACEAE

VERVAIN FAMILY

- Phryma leptostachya* L. Lopseed Uncommon, deciduous woods
- * *Verbena bracteata* Lag. & Rodr. Vervain Rare, roadsides and rail lines: Glen Tay; McDonalds Cors.
- Verbena hastata* L. Blue Vervain Common
- Verbena simplex* Lehm. Narrow-leaved Vervain Rare, dry limestone meadows: Pinery Rd. (2); S. Montague Swamp
- Verbena stricta* Vent. Hoary Vervain Sparse, roadsides and dry fields: California; Hopetown; Joes L.; Lanark; Murphys Pt. Pk.; Napier L.; Perth; Pinery Rd.; Sheridans Rapids; Smiths Falls; Watson Cors. (2); [Middleville-1943]; [Stump L.-1969]; [Tatlock-1959]
- Verbena urticifolia* L. White Vervain Sparse, open woods: Andrews ville; California (2); Folger; Glen Tay; Lanark; Lavant Long L.; Merrickville; Pakenham; Peterwhite L.; Rosetta; Smiths Falls; [Kilmarnock Locks-1952]; [Murphys Pt. Pk.-1974]; [Pakenham Mtn.-1975]; [Playfairville-1953]

LAMIACEAE (LABIATAE)

MINT FAMILY

- * *Acinos arvensis* (Lam.) Dandy Basil Balm Uncommon (15), open rocky sites
(*Satureja acinos* (L.) Scheele)
- * *Ajuga reptans* L. Bugle Rare garden escape: Almonte; Andrews ville; Mill of Kintail
- Clinopodium vulgare* L. Basil Common
(*Satureja vulgaris* (L.) Fritsch)
- Dracocephalum parviflorum* Nutt. Dragon-head Rare, open woods and disturbed sites: Burnt Lands (2); Glen Tay; [Blakeney-1945]
- * *Dracocephalum thymiflorum* L. Thyme-leaved Dragon-head Rare, open disturbed sites: Glen Tay; Murphys Pt. Pk.; [Andrews ville-1951]
- * *Galeopsis tetrahit* L. Hemp-nettle Common
- * *Glechoma hederacea* L. Gill-over-the-ground Uncommon, lawns and disturbed ground
- Hedeoma hispidum* Pursh Mock Pennyroyal Uncommon, open dry sites
- * *Leonurus cardiaca* L. Motherwort Common
- Lycopus americanus* Muhl. Cut-leaved Water-horehound Common
- Lycopus uniflorus* Michx. Northern Water-horehound Common
- Mentha arvensis* L. Wild Mint Common
- * *Mentha spicata* L. Spearmint Rare garden escape: Perth; [Smiths Falls-1949]

* <i>Mentha ×piperita</i> L.	Peppermint	Rare garden escape: Almonte; Carleton Place; Pakenham; Smiths Falls; [Kilmarnock Locks-1951]
(<i>M. aquatica</i> L. × <i>M. spicata</i>)		
* <i>Monarda didyma</i> L.	Bee-balm	Rare garden escape: [Smiths Falls-1949] A provincially rare native plant in southwest Ontario (S3), but in Lanark County it is introduced.
<i>Monarda fistulosa</i> L.	Wild Bergamot	Sparse, dry or moist meadows: Clyde Forks; Darling Long L.; Ferguson Falls; Herrons Mills; Pike L.; Tatlock (2); Watson Cors.
* <i>Monarda ×media</i> Willd.	Bee-balm	Rare garden escape: Watson Cors. A provincially rare native plant in southwest Ontario (S1), but in Lanark County it is introduced.
(<i>M. fistulosa</i> × <i>M. didyma</i>)		
* <i>Nepeta cataria</i> L.	Catnip	Common
* <i>Origanum vulgare</i> L.	Wild Marjoram	Common
* <i>Prunella vulgaris</i> L.	Heal-all	Common
* <i>Salvia nemorosa</i> L.	Sage	Rare garden escape: Perth
<i>Scutellaria galericulata</i> L.	Marsh Skullcap	Common
<i>Scutellaria lateriflora</i> L.	Mad Dog Skullcap	Common
<i>Scutellaria parvula</i> Michx.	Small Skullcap	Rare, dry limestone meadows: Burnt Lands; Clay Bank; Panmure; [Numogate-1973]
* <i>Stachys palustris</i> L.	Marsh Hedge-nettle	Sparse, open woods and meadows: Beveridge Locks; Big Rideau L.; Lanark; Pakenham; Watson Cors. (2)
<i>Teucrium canadense</i> L.	Germander	Sparse, mainly shorelines: Boundary L.; Clydesville; Farren L. (2); Pinery Rd.; Sheridans Rapids
* <i>Thymus praecox</i> Opiz	Wild Thyme	Rare garden escape: Almonte; Mill of Kintail; Napier L.
(<i>T. serpyllum</i> auct. non L.)		
<i>Trichostema brachiatum</i> L.	False Pennyroyal	Sparse, dry limestone meadows: Burnt Lands; Clay Bank; Nolans Cors.; Numogate; Panmure; Pinery Rd. (2); [Merrickville-1957]; [Pakenham Tp.-1940]
(<i>Isanthus brachiatus</i> (L.) BSP.)		
<u>SOLANACEAE</u>		<u>NIGHTSHADE FAMILY</u>
* <i>Datura stramonium</i> L.	Jimsonweed	Rare, disturbed ground: Ferguson Falls; [Playfairville-1953]
#S3 <i>Leucophysalis grandiflora</i> (Hook.) Rydb. . .	Large White Ground-cherry . .	Sparse, open woods and meadows: Boundary L. (2); Clyde Forks; Lavant Long L.; Napier L.; White L.; [Watson Cors.-extirpated]
(<i>Physalis grandiflora</i> Hook.)		
<i>Physalis heterophylla</i> Nees	Clammy Ground-cherry	Common
* <i>Solanum dulcamara</i> L.	Climbing Nightshade	Common
* <i>Solanum ptychanthum</i> Dunal ex DC.	Black Nightshade	Uncommon, disturbed ground
(<i>S. nigrum</i> auct. non L.)		

SCROPHULARIACEAE

FIGWORT FAMILY

- Agalinis paupercula* (Gray) Britt. Small-flowered Gerardia Sparse, mainly shorelines: Adams L.; Andrewsville; Beveridge Locks; Farren L.; Numogate; Port Elmsley; Rideau Ferry (2); Smiths Falls
(*Gerardia paupercula* (Gray) Britt.)
- Agalinis tenuifolia* (Vahl) Raf. Slender Gerardia Sparse, wet meadows and shorelines: Andrewsville; Burnt Lands; California; Darling Long L.; Joes L. (4); Maberly; McGowan L.; Pinery Rd.; Smiths Falls
(*Gerardia tenuifolia* Vahl)
- * *Chaenorrhinum minus* (L.) Lange Dwarf Snapdragon Sparse, rail lines and roadsides: Burnt Lands; Christie L.; Glen Tay; Goodwood Marsh; Merrickville; Pinery Rd.; S. Montague Swamp
- Chelone glabra* L. Turtlehead Uncommon (13), shorelines and wet ground
- * *Collinsia parviflora* Douglas ex Lindl. Small-flowered Collinsia Rare, campgrounds: Silver L. Pk. A native plant elsewhere in Ontario, but in Lanark County it is introduced.
- * *Cymbalaria muralis* Gaertn., Mey. & Scherb. Kenilworth-ivy Rare garden escape: Perth
- * *Euphrasia stricta* Wolff ex Lehm. European Eyebright Sparse, roadsides and trails: Blueberry Mtn.; Darling Long L.; Joes L. (3); McGowan L.; Peterwhite L.; Pinery Rd. (2); Robertson L.; White L. (2)
- Gratiola neglecta* Torr. Hedge-hyssop Rare, rich woods: Dixon L.; Lavant Long L.
- * *Linaria genistifolia* (L.) Mill. Dalmatian Toadflax Rare, roadsides: Hopetown; Sheridans Rapids; Watson Cors.
ssp. *dalmatica* (L.) Maire & Petit.
(*L. dalmatica* (L.) Mill.)
- * *Linaria vulgaris* Mill. Butter-and-eggs Common
- Lindernia dubia* (L.) Penn. False Pimpernel Rare, quiet water: Clyde Forks; Joes L.; [Blakeney-1948]
- Melampyrum lineare* Desr. Cow-wheat Uncommon, acidic woods
- Mimulus ringens* L. Monkey-flower Uncommon, shorelines and marshes
- Pedicularis canadensis* L. Wood-betony Uncommon, mixed woods
- Penstemon digitalis* Nutt. ex Sims Fox-glove Beardtongue Uncommon (14), roadsides and old fields
- Penstemon hirsutus* (L.) Willd. Hairy Beardtongue Sparse, rocky meadows: Burnt Lands; Christie L.; Clay Bank; Panmure; Pinery Rd.; Watson Cors.; Wolf Grove
- Scrophularia lanceolata* Pursh Figwort Sparse, meadows and open woods: Carleton Place; Franktown; Innisville; Lanark; McDonalds Cors. (2); Perth; Pinery Rd.; Poland; Watson Cors.; [Middleville-1972]; [Otty L.-1966]
- * *Verbascum thapsus* L. Mullein Common
- * *Veronica agrestis* L. Garden Speedwell Rare, disturbed ground: Watson Cors.
- Veronica americana* (Raf.) Schwein. Brooklime Rare, wet seepage areas: Almonte; California; Clayton; McDonalds Cors.; Peterwhite L.; [Stump L.-1969]
ex Benth. (*V. beccabunga* L. var. *americana* Raf.)

<i>Veronica anagallis-aquatica</i> L.	Water Speedwell	Sparse, quiet water and wet ground: Burnt Lands; California; Pakenham; Pakenham Mtn.; Perth; Peterwhite L.; Tatlock; [Innisville- 1949]; [Prospect-1941]
(incl. <i>V. catenata</i> Penn.; <i>V. comosa</i> auct. non Rich.)		
* <i>Veronica arvensis</i> L.	Field Speedwell	Uncommon, lawns and disturbed ground
* <i>Veronica longifolia</i> L.	Long-leaved Speedwell	Rare garden escape: Almonte; Perth
* <i>Veronica officinalis</i> L.	Common Speedwell	Common
* <i>Veronica peregrina</i> L. ssp. <i>peregrina</i>	Purslane Speedwell	Uncommon, disturbed ground
<i>Veronica peregrina</i> L. ssp. <i>xalapensis</i>	Purslane Speedwell	Rare, alvars: Burnt Lands; Panmure (Kunth) Penn.
<i>Veronica scutellata</i> L.	Marsh Speedwell	Uncommon (13), open wetlands
* <i>Veronica serpyllifolia</i> L.	Thyme-leaved Speedwell ...	Common
* <i>Veronica verna</i> L.	Spring Speedwell	Sparse, mainly campsites: Big Rideau L. (2); Bobs L.; Christie L.; Murphys Pt. Pk.; Silver L. Pk.

OROBANCHACEAE

BROOM-RAPE FAMILY

Epifagus virginiana (L.) Bart. Beech-drops Uncommon, parasitic on Beech roots

LENTIBULARIACEAE

BLADDERWORT FAMILY

Utricularia cornuta Michx. Horned Bladderwort Rare, fens and poor fens: Bottle L.;
Dixon L.; Numogate

Utricularia gibba L. Humped Bladderwort Rare, poor fens: California; Dixon L.;
Farren L.; Lowney L.; Wolf Grove

Utricularia intermedia Hayne Flat-leaved Bladderwort Uncommon, poor fens and marshes

Utricularia minor L. Lesser Bladderwort Uncommon (17), quiet water

Utricularia purpurea Walt. Purple Bladderwort Rare, boggy lakes: Bottle L.; Dixon
L.

Utricularia resupinata Greene ex Bigel. Inverted Bladderwort Rare, boggy shores: Dixon L.

Utricularia vulgaris L. Common Bladderwort Common
(*U. macrorhiza* Le Conte)

PLANTAGINACEAE

PLANTAIN FAMILY

Littorella americana Fern. Shore-plantain Rare, lakeshores: Bobs L.

* *Plantago lanceolata* L. English Plantain Common

* *Plantago major* L. Common Plantain Common

* *Plantago media* L. Hoary Plantain Rare lawn weed: Carleton Place;
Perth (2)

Plantago rugelii Decne. Pale Plantain Common

RUBIACEAE

MADDER FAMILY

Cephalanthus occidentalis L. Buttonbush Uncommon, shorelines and marshes

Galium aparine L. Cleavers Uncommon, deciduous woods

Galium asprellum Michx. Rough Bedstraw Rare, wet woods: Bennett L.;
Ferguson Falls; Pakenham Mtn.

Galium boreale L. Northern Bedstraw Rare, calcareous meadows: Watson
Cors.; [Innisville-1949]; [Murphys
Pt. Pk.-1974]

Galium circaezans Michx. White Wild Licorice Uncommon, deciduous woods

<i>Galium labradoricum</i> (Wieg.) Wieg.	Bog Bedstraw	Sparse, fens and poor fens: Ferguson Falls; Harding L.; Lowney L (2); MacKay L.; Nolans Cors.; Numogate; Purdon Cons. Area; Robertson L.; [Sheridans Rapids-1969]
<i>Galium lanceolatum</i> Torr.	Yellow Wild Licorice	Uncommon, deciduous woods
* <i>Galium mollugo</i> L.	White Bedstraw	Common
<i>Galium obtusum</i> Bigel.	Wild Madder	Rare, wet fields and thickets: Blakeney; [Mississippi L.-1969]; [Sheridans Rapids-1969]
<i>Galium palustre</i> L.	Marsh Bedstraw	Common
<i>Galium tinctorium</i> L.	Dyer's Bedstraw	Rare, wet meadows: Clay L.; Innisville; Lowney L.
<i>Galium trifidum</i> L.	Small Bedstraw	Sparse, open wetlands: Andrews ville; Blackberry Meadow; Boundary L.; California; Lowney L.; Pakenham; Purdon Cons. Area; [Carleton Place-1922]; [Murphys Pt. Pk.-1974]
<i>Galium triflorum</i> Michx.	Fragrant Bedstraw	Common
* <i>Galium verum</i> L.	Yellow Bedstraw	Sparse, roadsides and fields: Almonte; Blakeney (2); Clay Bank; Darling Long L.; Glen Tay; Joes L. (2); Maberly; Panmure; Watson Cors.; [Pakenham Mtn.-1975]
<i>Mitchella repens</i> L.	Partridge-berry	Common
<u>CAPRIFOLIACEAE</u>		<u>HONEYSUCKLE FAMILY</u>
<i>Diervilla lonicera</i> Mill.	Northern Bush-honeysuckle .	Common
<i>Linnaea borealis</i> L.	Twinflower	Common
<i>Lonicera canadensis</i> Bartr. ex Marsh.	Canada Honeysuckle	Common
<i>Lonicera dioica</i> L.	Wild Honeysuckle	Uncommon, open woods and shorelines
<i>Lonicera hirsuta</i> Eat.	Hairy Honeysuckle	Uncommon (17), open woods
* <i>Lonicera morrowii</i> Gray	Morrow's Honeysuckle	Uncommon escape from cultivation
<i>Lonicera oblongifolia</i> (Goldie) Hook.	Swamp Honeysuckle	Sparse, mixed swamps: Blueberry Marsh; Burnt Lands; Ferguson Falls; Goodwood Marsh; Long Swamp; Nolans Cors.; Panmure; Patterson L.; Pinery Rd.; Purdon Cons. Area; [Almonte-1917]; [Murphys Pt. Pk.-1974]; [Numogate-1973]; [Sheridans Rapids-1969]; [Silver L.-1977]
* <i>Lonicera tatarica</i> L.	Tartarian Honeysuckle	Common escape from cultivation
<i>Sambucus canadensis</i> L.	Elderberry	Uncommon, open wetlands
<i>Sambucus racemosa</i> L. ssp. <i>pubens</i> (Michx.) House (<i>S. pubens</i> Michx.)	Red-berried Elder	Common
<i>Symphoricarpos albus</i> (L.) Blake	Snowberry	Uncommon, open woods and rocky meadows
* <i>Symphoricarpos occidentalis</i> Hook.	Wolfberry	Sparse, mainly rail lines: Ashton Sta.; Maberly; McGowan L.; Merrickville; Pakenham; Perth (2)

<i>Triosteum aurantiacum</i> Bickn.	Horse-gentian	Sparse, open woods: Bolingbroke; Carleton Place (2); Clayton; Glen Tay; Herrons Mills; Innisville; Lanark; Mill of Kintail; Perth (2); Wolf Grove
<i>Viburnum acerifolium</i> L.	Arrowwood	Uncommon, dry woods
* <i>Viburnum lantana</i> L.	Wayfaring Tree	Rare escape from cultivation: Carleton Place; Perth
<i>Viburnum lantanoides</i> Michx. (<i>V. alnifolium</i> Marsh.)	Hobblebush	Uncommon, rich woods
<i>Viburnum lentago</i> L.	Nannyberry	Common
<i>Viburnum nudum</i> L. var. <i>cassinoides</i> (L.) T. & G. (<i>V. cassinoides</i> L.)	Northern Wild Raisin	Sparse, wet thickets: Blueberry Marsh; Christie L.; Clay L.; Goodwood Marsh; Indian Ck.; Lavant Sta.; Wolf Grove; [Long Swamp-1966]; [McGowan L.-1979]; [Ramsay-1862]
* <i>Viburnum opulus</i> L.	European Highbush-cranberry	Rare escape from cultivation: Carleton Place; Kilmarnock Locks; Smiths Falls
<i>Viburnum rafinesquianum</i> Schultes	Rafinesque's Arrowwood ...	Uncommon, open woods and dry slopes
<i>Viburnum recognitum</i> Fern. (<i>V. dentatum</i> L. var. <i>lucidum</i> Ait.)	Southern Arrowwood	Sparse, wet thickets: Bennett L.; Christie L.; Fallbrook; Little Silver L.; Maberly; McGowan L.; Pinery Rd.
<i>Viburnum trilobum</i> Marsh. (<i>V. opulus</i> L. var. <i>americanum</i> (Mill.) Ait.)	Highbush-cranberry	Uncommon, open woods and shorelines
<u>VALERIANACEAE</u> <u>VALERIAN FAMILY</u>		
* <i>Valeriana officinalis</i> L.	Valerian	Sparse garden escape: Almonte; Blakeney; Carleton Place; Clayton; Glen Tay (2); McDonalds Cors. (2); Merrickville; Pakenham; Perth; Smiths Falls
<u>DIPSACACEAE</u> <u>TEASEL FAMILY</u>		
* <i>Dipsacus fullonum</i> L. ssp. <i>sylvestris</i> (Huds.) Clapham (<i>D. sylvestris</i> Huds.)	Teasel	Rare, roadsides: Glen Tay; Kilmarnock Locks; Perth
<u>CUCURBITACEAE</u> <u>GOURD FAMILY</u>		
<i>Echinocystis lobata</i> (Michx.) T. & G.	Wild Cucumber	Common
<i>Sicyos angulatus</i> L.	Bur-cucumber	Rare, edge of thickets: Perth
* <i>Thladiantha dubia</i> Bunge	Goldencreeper	Rare garden escape: Rideau Ferry; [Franktown-1952]
<u>CAMPANULACEAE</u> <u>HAREBELL FAMILY</u>		
<i>Campanula aparinoides</i> Pursh (incl. <i>C. uliginosa</i> Rydb.)	Marsh Bellflower	Uncommon, open wetlands
* <i>Campanula persicifolia</i> L.	Peach-leaved Bellflower	Rare garden escape: Lanark; Wolf Grove
* <i>Campanula rapunculoides</i> L.	Creeping Bellflower	Uncommon garden escape
<i>Campanula rotundifolia</i> L.	Harebell	Uncommon, dry rocky meadows
<i>Lobelia cardinalis</i> L.	Cardinal-flower	Uncommon, shorelines
<i>Lobelia inflata</i> L.	Indian Tobacco	Common

<i>Lobelia kalmii</i> L.	Kalm's Lobelia	Uncommon (14), wet calcareous soil
* <i>Lobelia siphilitica</i> L.	Great Lobelia	Rare garden escape: Watson Cors. A native plant in southern Ontario but in Lanark County it is introduced.
<i>Lobelia spicata</i> Lam.	Pale Spike Lobelia	Rare, dry rocky meadows: Pinery Rd.; [Pakenham Mtn.-1975]
<i>Triodanis perfoliata</i> (L.) Nieuwl.	Venus' Looking-glass	Rare, dry rocky meadows: Bolingbroke; Christie L.
(<i>Specularia perfoliata</i> (L.) DC.)		

ASTERACEAE (COMPOSITAE) COMPOSITE FAMILY

(*) <i>Achillea millefolium</i> L.	Yarrow	Common; however, a red-flowered form is a rare garden escape: Brightside; Perth; Poland; Watson Cors.
* <i>Achillea ptarmica</i> L.	Sneezeweed Yarrow	Rare garden escape: McDonalds Cors.; Watson Cors.
<i>Ageratina altissima</i> (L.) King & Robins. ...	White-snakeroot	Common
(<i>Eupatorium rugosum</i> Houtt.)		
<i>Ambrosia artemisiifolia</i> L.	Ragweed	Common
* <i>Ambrosia psilostachya</i> DC.	Western Ragweed	Rare, disturbed ground: [Carleton Place-1943]; [Clayton L.-1943]; [Smiths Falls-1943]
* <i>Ambrosia trifida</i> L.	Giant Ragweed	Rare, disturbed ground: Almonte; Watson Cors. (prob. extirpated)
<i>Anaphalis margaritacea</i> (L.)	Pearly Everlasting	Common
Benth. & Hook. f. ex Clarke		
<i>Antennaria howellii</i> Greene (s.l.)	Pussy-toes	Common in the broad sense; however, the individual status of the three subspecies (all of which occur in the county) is unclear.
(includes ssp. <i>canadensis</i> (Greene) Bayer; ssp. <i>neodioica</i> (Greene) Bayer; and ssp. <i>petaloidea</i> (Fern.) Bayer)		
<i>Antennaria neglecta</i> Greene	Field Pussy-toes	Uncommon, open woods and meadows
<i>Antennaria parlinii</i> Fern.	Plantain-leaved Pussy-toes ..	Uncommon, open woods and meadows
(<i>A. plantaginifolia</i> auct. non (L.) Rich.)		
* <i>Anthemis arvensis</i> L.	Chamomile	Rare lawn weed: Perth; Watson Cors.
* <i>Anthemis cotula</i> L.	Stinking Chamomile	Uncommon, roadsides and disturbed ground
* <i>Arctium lappa</i> L.	Great Burdock	Rare, disturbed ground: Carleton Place
* <i>Arctium minus</i> (Hill) Bernh.	Burdock	Common
* <i>Artemisia absinthium</i> L.	Absinth	Rare, rail lines: Carleton Place; Perth
* <i>Artemisia biennis</i> Willd.	Biennial Wormwood	Uncommon, roadsides and disturbed ground
* <i>Artemisia ludoviciana</i> Nutt.	Western Sage	Rare, rail lines: Glen Tay; [Almonte-1949]; [Carleton Place-1927]
* <i>Artemisia vulgaris</i> L.	Mugwort	Uncommon, roadsides and disturbed ground
Note: Species formerly included in <i>Aster</i> have been moved to the genera <i>Doellingeria</i> , <i>Eurybia</i> , <i>Oclemena</i> , and <i>Symphotrichum</i> .		
<i>Bidens beckii</i> Torr. ex Spreng.	Water-marigold	Uncommon, shallow water
(<i>Megalodonta beckii</i> (Torr. ex Spreng.) Greene)		
<i>Bidens cernuus</i> L.	Nodding Beggarticks	Common

<i>Bidens discoideus</i> (T. & G.) Britt.	Discoid Beggarticks	Sparse, shorelines and open wetlands: Blueberry Marsh; Clayton L.; Darling Long L.; Dixon L.; Indian Ck.; Kilmarnock Locks; Little Silver L.; Murphys Pt. Pk.; Napier L.; Smiths Falls; White L.; [Innisville-1949]
<i>Bidens frondosus</i> L.	Large-leaved Beggarticks ...	Uncommon, shorelines and open wetlands
<i>Bidens tripartitus</i> L. (incl. <i>B. connatus</i> Muhl. ex Willd.; <i>B. comosus</i> (Gray) Wieg.)	Beggarticks	Sparse, open wetlands: Andrews ville; Clayton; Darling Long L.; Innisville; Pinery Rd.; Watson Cors.; [Brightside-1972]
<i>Bidens vulgatus</i> Greene	Beggarticks	Rare, wet meadows: Almonte; California; Pakenham
* <i>Carduus acanthoides</i> L.	Plumeless-thistle	Sparse, roadsides and fields: Boyds; Burnt Lands; Carleton Place; Innisville; Napier L.; Pinery Rd.; Ramsbottoms L.; S. Montague Swamp; Wolf Grove; [Appleton- 1947]; [Goodwood Marsh-1960]
* <i>Centaurea jacea</i> L.	Brown Knapweed	Rare, disturbed ground: Perth
* <i>Centaurea maculosa</i> Lam.	Spotted Knapweed	Common and spreading aggressively
* <i>Centaurea montana</i> L.	Montane Knapweed	Rare garden escape: Carleton Place
* <i>Centaurea nigra</i> L.	Black Knapweed	Rare, roadsides and disturbed ground: Glen Tay; Innisville; Wolf Grove
Note: Species formerly included in <i>Chrysanthemum</i> have been moved to the genera <i>Leucanthemella</i> , <i>Leucanthemum</i> , and <i>Tanacetum</i> .		
* <i>Cichorium intybus</i> L.	Chicory	Common
* <i>Cirsium arvense</i> (L.) Scop.	Canada Thistle	Common
#S3 <i>Cirsium discolor</i> (Muhl. ex Willd.) Spreng. .	Prairie Thistle	Rare, alvars: Burnt Lands
<i>Cirsium muticum</i> Michx.	Swamp Thistle	Uncommon (13), open wetlands
* <i>Cirsium vulgare</i> (Savi) Ten.	Bull Thistle	Common
<i>Conyza canadensis</i> (L.) Cronq. (<i>Erigeron canadensis</i> L.)	Horseweed	Common
* <i>Coreopsis grandiflora</i> Hogg	Coreopsis	Rare and probably short-lived garden escape: Brightside; Murphys Pt. Pk.; Sheridans Rapids; Stump L.; Wolf Grove
* <i>Crepis capillaris</i> (L.) Wallr.	Hawk's-beard	Sparse, roadsides and rail lines: Almonte; Carleton Place; Lanark; Perth; Smiths Falls; White L.
* <i>Crepis tectorum</i> L.	Hawk's-beard	Rare, roadsides: Glen Tay
* <i>Cyclachaena xanthifolia</i> (Nutt.) Fresen. ... (<i>Iva xanthifolia</i> Nutt.)	Marsh-elder	Rare garden weed: Smiths Falls; Watson Cors.
<i>Doellingeria umbellata</i> (Mill.) Nees (<i>Aster umbellatus</i> Mill.)	Flat-topped White Aster	Common
* <i>Echinops sphaerocephalus</i> L.	Globe-thistle	Rare garden escape: Brassils Ck.; Herrons Mills; Watson Cors.
<i>Erechtites hieracifolia</i> (L.) Raf.	Pilewort	Uncommon (17), open wetlands and wet woods
<i>Erigeron annuus</i> (L.) Pers.	Daisy Fleabane	Common
<i>Erigeron philadelphicus</i> L.	Common Fleabane	Common
<i>Erigeron strigosus</i> Muhl. ex Willd.	Strigose Fleabane	Common
<i>Eupatorium maculatum</i> L.	Joe-Pye-Weed	Common

- Eupatorium perfoliatum* L. Boneset Common
- Note:** *Eupatorium rugosum* is now called *Ageratina altissima*
- Eurybia macrophylla* (L.) Cass. Large-leaved Aster Common
(*Aster macrophyllus* L.)
- Euthamia graminifolia* (L.) Nutt. Narrow-leaved Goldenrod ... Common
(*Solidago graminifolia* (L.) Salisb.)
- * *Galinsoga quadriradiata* Ruiz & Pavón Galinsoga Rare garden weed: Carleton Place;
(*G. ciliata* (Raf.) Blake) Darling Long L.; Smiths Falls;
Watson Cors.
- Note:** Two species formerly included in *Gnaphalium* have been moved to the genus *Pseudognaphalium*
- * *Gnaphalium uliginosum* L. Low Cudweed Sparse, roadsides and wooded trails:
Burnt Lands; Clyde Forks; Darling
Long L.; Dixon L.; Joes L.; Lavant
Long L. (2); Watson Cors. (2);
White L.; [Almonte-1939];
[Christie L.-1966]
- * *Grindelia squarrosa* (Pursh) Dunal Gumweed Rare, disturbed ground: [Carleton
Place-1911]
- * *Helianthus annuus* L. Common Sunflower Uncommon, roadsides and disturbed
ground
- Helianthus divaricatus* L. Woodland Sunflower Uncommon (14), open rocky woods
- * *Helianthus maximilianii* Schrad. Maximilian's Sunflower Rare, disturbed ground: [Carleton
Place-1911]
- * *Helianthus pauciflorus* Nutt. Stiff Sunflower Rare, rail lines and roadsides:
ssp. *subrhomboideus* (Rydb.) Carleton Place; Glen Tay;
Spring & Schill. (*H. rigidus* (Cass.) Desf. [Clayton-1943]
ssp. *subrhomboideus* (Rydb.) Heiser)
- * *Helianthus petiolaris* Nutt. Plains Sunflower Rare, rail lines: Glen Tay; Smiths
Falls
- * *Helianthus tuberosus* L. Jerusalem Artichoke Rare garden escape: Perth; Silver L.;
Smiths Falls; Taylor L.;
[Andrewsville-1980]
- * *Helianthus* × *laetiflorus* Pers. Showy Sunflower Sparse garden escape: Almonte;
(*H. pauciflorus* × *H. tuberosus*) Ferguson Falls; Middleville; Perth
(2); Smiths Falls (3)
- (*) *Heliopsis helianthoides* (L.) Sw. Ox-eye Uncommon (15), old fields
- * *Hieracium aurantiacum* L. Orange Hawkweed Common
- * *Hieracium caespitosum* Dumort. Field Hawkweed Uncommon, fields and roadsides
(*H. pratense* Tausch)
- * *Hieracium lachenalii* Gmel. Common Hawkweed Uncommon, roadsides and disturbed
ground
(*H. vulgatum* Fries.)
- * *Hieracium pilosella* L. Mouse-ear Hawkweed Common
- * *Hieracium piloselloides* Vill. King Devil Common
(*H. florentinum* All.; *H. × floribundum*
Wimm. & Grab.)
- Hieracium scabrum* Michx. Rough Hawkweed Uncommon (17), open rocky woods
- * *Hieracium tridentatum* (Fries) Fries Hawkweed Rare, disturbed ground: [Perth-1943]
(*H. laevigatum* Willd.)
- Hieracium umbellatum* L. Kalm's Hawkweed Rare, open woods: Blueberry Mtn.,
(*H. canadense* Michx.; *H. kalmii* L.) Christie L.; Folger; Joes L.;
[Blakeney-1945]; [Wolf Grove-
1939]
- * *Inula helenium* L. Elecampane Uncommon, moist meadows
- Note:** *Iva xanthifolia* is now called *Cyclachaena xanthifolia*

- Lactuca biennis* (Moench) Fern. Blue Lettuce Sparse, rich woods: Burnt Lands; Clayton; Dalhousie L.; Joes L.; Lavant Long L.; Robertson L.; Watson Cors.; [Sheridans Rapids-1969]
- Lactuca canadensis* L. Wild Lettuce Common
- * *Lactuca serriola* L. Prickly Lettuce Uncommon, roadsides and disturbed ground
(*L. scariola* L.)
- * *Lapsana communis* L. Nipplewort Rare, roadsides and disturbed ground: Carleton Place; Perth; Poland
- * *Leontodon autumnalis* L. Fall Dandelion Sparse, roadsides and lawns: Glen Tay; Joes L; McDonalds Cors.; Perth (2); Robertson L.; Smiths Falls
- * *Leucanthemella serotina* (L.) Tzvelev Giant Daisy Rare garden escape: Appleton
(*Chrysanthemum serotinum* L.)
- * *Leucanthemum vulgare* Lam. Ox-eye Daisy Common
(*Chrysanthemum leucanthemum* L.)
- * *Liatris spicata* (L.) Willd. Blazing-star Rare garden escape: Watson Cors. A provincially rare native plant in southwest Ontario (S3), but in Lanark County it is introduced.
- * *Matricaria discoidea* DC. Pineapple-weed Common
(*M. matricarioides* auct. non (Less.) Porter)
- Note:** *Megalodonta beckii* is now called *Bidens beckii*
- Oclemena acuminata* (Michx.) Greene Whorled Wood Aster Rare, rich woods: Dixon L.; Innisville; [Murphys Pt. Pk.-1974]
(*Aster acuminatus* Michx.)
- Oclemena nemoralis* (Dry. in Ait.) Greene Bog Aster Rare, poor fens: Bottle L.; Dixon L.
(*Aster nemoralis* Ait.)
- * *Onopordum acanthium* L. Scotch Thistle Rare, disturbed ground: [Almonte-1953]; [Perth-1947]
- Packera aurea* (Michx.) Löve & Löve Golden Ragwort Rare, wet calcareous meadows: Joes L.
(*Senecio aureus* Michx.)
- Packera paupercula* (Michx.) Löve & Löve Balsam Ragwort Uncommon, calcareous meadows
(*Senecio pauperculus* Michx.)
- Petasites frigidus* (L.) Fries Sweet Coltsfoot Sparse, wet woods: Burnt Lands (2); Clay Bank; Clyde Forks; Goodwood Marsh; Peterwhite L.; Pinery Rd. (2); Wolf Grove
(*P. palmatus* (Ait.) Gray)
- Prenanthes alba* L. White-lettuce Rare, rich woods: Clydesville; Playfairville; [Murphys Pt. Pk.-1974]; [Pakenham Tp.-1940]
- Prenanthes altissima* L. Tall White-lettuce Common
- Pseudognaphalium macounii* (Greene) Clammy Everlasting Uncommon (13), dry meadows
Kartesz (*Gnaphalium macounii* Greene;
G. viscosum auct. non Kunth)
- Pseudognaphalium obtusifolium* (L.) Sweet Everlasting Rare, dry meadows: Big Rideau L.; Hilliard & Burt ssp. *obtusifolium*
(*Gnaphalium obtusifolium* L.)
- * *Ratibida columnifera* (Nutt.) Woot. & Standl. Long-headed Coneflower Rare garden escape: Sheridans Rapids
- * *Ratibida pinnata* (Vent.) Barnh. Gray-headed Coneflower Rare, roadsides: White L. A provincially rare native plant in southwest Ontario (S2S3) but in Lanark County it is introduced.

- Rudbeckia hirta* L. Brown-eyed Susan Common
- * *Rudbeckia laciniata* L. var. *hortensis* Bailey Goldenglow Rare garden escape: Perth; Smiths Falls
- * *Rudbeckia triloba* L. Thin-leaved Coneflower Rare, roadsides: McDonalds Cors.; Nolans Cors.
- Note:** Two species formerly included in *Senecio* have been moved to the genus *Packera*
- * *Senecio viscosus* L. Stinking Groundsel Rare, disturbed ground: Perth; Smiths Falls; Watson Cors.
- * *Senecio vulgaris* L. Common Groundsel Rare garden weed: Carleton Place; Glen Tay; Goodwood Marsh; Perth; [Almonte-1939]
- Solidago altissima* L. Tall Goldenrod Uncommon, fields and roadsides
(*S. canadensis* L. var. *scabra*
(Muhl. ex Willd.) T. & G.)
- Solidago bicolor* L. Silverrod Uncommon (13), open slopes
- Solidago caesia* L. Blue-stemmed Goldenrod Common
- Solidago canadensis* L. Canada Goldenrod Common
- Solidago flexicaulis* L. Zigzag Goldenrod Sparse, rich deciduous woods:
Almonte (2); Glen Tay; Harper;
Lanark; Little Silver L.; Mill of
Kintail; Napier L.; Pakenham;
Watson Cors.
- Solidago gigantea* Ait. Giant Goldenrod Uncommon, fields and roadsides
- Solidago hispida* Muhl. Hairy Goldenrod Uncommon, dry meadows and open woods
- Solidago juncea* Ait. Early Goldenrod Common
- Solidago nemoralis* Ait. Gray Goldenrod Common
- Solidago ptarmicoides* (Nees) Boivin Upland White Goldenrod Rare, open calcareous meadows:
(*Aster ptarmicoides* (Nees) T. & G.;
Oligoneuron album (Nutt.) Nesom)
Burnt Lands; Carleton Place;
Christie L.; Pinery Rd. (2)
- Solidago rugosa* Mill. Rough Goldenrod Common
- Solidago squarrosa* Muhl. Stout Goldenrod Uncommon (16), rich woods
- Solidago uliginosa* Nutt. Bog Goldenrod Uncommon (13), wet meadows
- * *Sonchus arvensis* L. Sow-thistle Common
- * *Sonchus asper* (L.) Hill Spiny Sow-thistle Common
- * *Sonchus oleraceus* L. Annual Sow-thistle Rare, disturbed ground:
Andrewsville; Perth; [Almonte-1939]
- Symphyotrichum boreale* (T. & G.) Rush Aster Sparse, fens and poor fens: Ferguson Falls; Lavant Sta.; Lowney L. (2); MacKay L.; Nolans Cors.; Numogate; Patterson L.; Robertson L.; Silver L.; Smiths Falls; White L.
- * *Symphyotrichum ciliatum* (Ledeb.) Nesom Short-rayed Aster Rare, salty roadsides: Perth; Smiths Falls
(*Aster brachyactis* Blake;
Brachyactis ciliata (Ledeb.) Ledeb.)
- Symphyotrichum ciliolatum* (Lindl. in Hook.) Ciliolate Aster Uncommon, open woods and meadows
Löve & Löve (*Aster ciliolatus* Lindl. in Hook.)
- Symphyotrichum cordifolium* (L.) Nesom Heart-leaved Aster Common
(*Aster cordifolius* L.)

- * *Symphyotrichum dumosum* (L.) Nesom × *S.* Hybrid Aster Rare garden escape: Watson Cors.
novi-belgii (L.) Nesom (*Aster dumosus* L.
× *A. novi-belgii* L.)
- Symphyotrichum ericoides* (L.) Nesom Heath Aster Uncommon (18) but increasing along
(*Aster ericoides* L.; *Virgulus ericoides*
(L.) Reveal & Keener) dry roadsides
- Symphyotrichum lanceolatum* (Willd.) Panicked Aster Common
Löve & Löve (*Aster lanceolatus* Willd.;
A. simplex Willd.)
- Symphyotrichum lateriflorum* (L.) Calico Aster Common
Löve & Löve (*Aster lateriflorus* (L.) Britt.)
- Symphyotrichum novae-angliae* (L.) Nesom New England Aster Common
(*Aster novae-angliae* L.;
Virgulus novae-angliae (L.) Reveal & Keener)
- Symphyotrichum ontarione* (Wieg.) Nesom (s.l.) Ontario Aster Rare, wet woods and shorelines:
(*Aster ontarionis* Wieg.) Beveridge Locks; Carleton Place;
Dalhousie L.; Kilmarnock Locks
- Symphyotrichum oolentangiense* Azure Aster Rare, sandy meadows: Silver L.;
(Ridd.) Nesom (*Aster azureus* Lindl.; [Pakenham Tp.-1940]
A. oolentangiensis Ridd.)
- Symphyotrichum puniceum* (L.) Purple-stemmed Aster Common
Löve & Löve (*Aster puniceus* L.)
- Symphyotrichum* × *amethystinum* (Nutt.) Amethyst Aster Rare, roadside meadows:
Nesom (*Aster* × *amethystinus* Nutt.; Andrews ville
(*S. ericoides* × *S. novae-angliae*)
- * *Tanacetum balsamita* L. Costmary Rare, roadsides: [Prospect-1969]
(*Balsamita major* Desf.;
Chrysanthemum balsamita L.)
- * *Tanacetum vulgare* L. Common Tansy Uncommon garden escape
- * *Taraxacum erythrospermum* Andrz. Red-seeded Dandelion Rare, disturbed ground: Burnt
ex Besser (*T. laevigatum* (Willd.) DC.) Lands; Farren L.; Murphys Pt. Pk.;
Napier L.; Watson Cors.
- * *Taraxacum officinale* Weber Dandelion Common
- * *Taraxacum palustre* (Lyons) DC. Marsh Dandelion Uncommon (13), moist ground
(microspecies *T. turfosum* (Schultz-Bip.) Soest)
- * *Tragopogon dubius* Scop. Goat's-beard Common
- * *Tragopogon pratensis* L. Yellow Goat's-beard Common
- * *Tripleurospermum perforatum* (Mérat) Lainz Scentless Chamomile Rare, roadsides and lawns: Perth (2)
(*T. inodorum* Schultz-Bip.;
Matricaria perforata Mérat)
- * *Tussilago farfara* L. Coltsfoot Uncommon, roadsides
- * *Xanthium strumarium* L. Cocklebur Sparse, mainly shorelines: Almonte;
Blakeney; Carleton Place (2);
Ferguson Falls; Pakenham; Perth;
Smiths Falls

APPENDIX 1: Excluded Species and Unconfirmed Reports

The following list contains species or records reported from Lanark County that are regarded as apparent locality errors or probable misidentifications. Reports of taxa requiring additional documentation or verification for Lanark are also included in this appendix. The original report for Lanark County is indicated. For several of the species listed below, it is only the particular record listed that is considered erroneous. If there are accepted records from elsewhere in the county for such species, they are noted below.

Agrostis capillaris L. (*A. tenuis* Sibth.) (Brown-top)—A 1973 sight record from Numogate by I.D. Macdonald requires confirmation.

Amelanchier canadensis (L.) Medikus (Canada Serviceberry)—Reported from the Purdon Conservation Area (Mosquin, 1985). This species does not occur in Ontario according to Morton & Venn (1990) or Gleason & Cronquist (1991).

Botrychium lunaria (L.) Sw. (Moonwort)—Reported from Ramsay Township (specimen at QK according to Queens University database listing). Since this is a northern species not known to occur near Lanark County (Cody & Britton, 1989), the specimen is probably misidentified.

Bolboschoenus fluviatilis (Torr.) Soják (River Bulrush)—A report from Playfairville in Lemky & Keddy (1988) is based on a misidentified specimen of *Scirpus microcarpus*. River Bulrush is known elsewhere in the county at Blakeney, Dalhousie L., Ferguson Falls, Lanark, Pakenham, Port Elmsley, and Rideau Ferry.

Callitriche heterophylla Pursh (Water-starwort)—A report from Napier L. (Brownell, 1992) requires confirmation. This plant is imperilled (S2?) in Ontario (NHIC, 2010).

Carex argyrantha Tuckerm. ex Dew. (Silver Sedge)—There is a specimen at the Canadian Museum of Nature from Peterwhite L. that is tentatively identified as this provincially imperilled (S2?) species, however, it is probably misidentified according to D. Brunton (pers. com., 1999).

Carex atrata L. (Sedge)—Reported from the Mill of Kintail (Haber, 1973). This species does not occur in North America according to FNA (2010).

Carex concinna R. Br. (Elegant Sedge)—Reported from the Mill of Kintail (Haber, 1973). This is a shoreline species that would not occur at the Mill (D. Brunton, pers. com., 1999).

Carex normalis Mack. (Normal Sedge)—Reported from Murphys Point Park by Lindsay (1974). This species occurs primarily in the Carolinian Zone of southern Ontario according to M. Oldham (pers. com., 1998).

Chenopodium rubrum L. (Coastblite)—Reported from the Purdon Conservation Area (Mosquin, 1985). This record seems unlikely since it was the only *Chenopodium* reported in the study and the plant is unknown in the Kingston Region (Crowder *et al.*, 1997) or in the Ottawa area (Brunton, 2005).

Echinochloa walteri (Pursh) A.A. Hell. (Walter's Barnyard Grass)—Reported from Murphys Point Provincial Park by Lindsay (1974). This provincially vulnerable species (S3) occurs primarily in southwestern Ontario according to NHIC (2010).

Equisetum palustre L. (Marsh Horsetail)—A sight record by J.H. Soper from Long Swamp requires confirmation.

Eriophorum chamissonis C. Mey. (Chamisso's Cotton-grass)—Reported from the Blueberry Marsh by Gartner-Lee Associates Ltd. (1984). This record seems unlikely since the plant is unknown in the Kingston Region (Crowder *et al.*, 1997) and is only known in the Ottawa area at Mer Bleue (Brunton, 2005). The record is probably a misidentification of *Eriophorum vaginatum* (Dense Cotton-grass) that is common at the site.

Geocaulon lividum (Richards.) Fern. (Bastard Toadflax)—A sight record by J.H. Soper from Christie Lake is likely an error. This is a northern species and the record is probably a misidentification of *Comandra umbellata* (Bastard Toadflax) that occurs in the area.

Geum macrophyllum Willd. (Large-leaved Avens)—Reported from Murphys Point Provincial Park by Lindsay (1974). This is probably a misidentification of the common *Geum aleppicum* (Yellow Avens) according to D. Brunton (pers. com., 1999).

Geum virginianum L. (Pale Avens)—Reported from Murphys Point Provincial Park by Lindsay (1974). This provincially very rare and possibly extirpated species (SH) is only known from extreme southwestern Ontario according to NHIC (2010).

Gleditsia triacanthos L. (Honey-locust)—Reported in previous versions of this checklist based on a collection by D.F. Brunton from Pakenham and reported in Brunton (1985). The locality is about 200 metres outside Lanark County in the Ottawa area (D. Brunton, pers. com., 2004).

Hedeoma pulegioides (L.) Pers. (American Pennyroyal)—Reported in previous versions of this checklist based on several observations and collections. The specimens have been revised to *Acinos arvensis*. Most site observations have been relocated and the plants at the sites have also been *Acinos arvensis*.

Lilium superbum L. (Lily)—Reported from Murphys Point Provincial Park by Lindsay (1974). This species does not occur in Ontario according to Morton & Venn (1990). The record is probably based on a short-lived garden lily.

Muhlenbergia frondosa (Poir.) Fern. (Wirestem Muhlenbergia)—A 1973 sight record from Numogate by I.D. Macdonald requires confirmation.

Nasturtium microphyllum (Boenn.) Reichb. (Small-leaved Watercress)—A report from Lavant Long Lake (Brownell & Larson, 1995) is probably based on a misidentification of *Cardamine pensylvanica* (Pennsylvania Bitter-cress) that occurs at the site but was not listed in Brownell & Larson (1995).

Omalotheca sylvatica L. (*Gnaphalium sylvaticum*) (Cudweed)—A J.H. Soper sight record from Otty Lake seems unlikely since the plant is unknown in the Kingston Region (Crowder *et al.*, 1997) or in the Ottawa area (Brunton, pers. com., 2005). This plant occurs in northcentral Ontario (Oldham, 1999) but could occur in the northern part of Lanark County (D. Brunton, pers. com., 1999).

Parthenocissus quinquefolia (L.) Planch. ex DC. (Woodbine)—Reported in previous versions of this checklist based on numerous observations and collections of high-climbing vegetative material with numerous adhesive disks on branched tendrils. According to M.J. Oldham (pers. com., 2000), these are not reliable characters to distinguish the species from the common *P. vitacea*. Many of the previous sites have since been revisited and whenever flowering or fruiting material was found, it was always the common *P. vitacea*.

Platanthera leucophaea (Nutt.) Lindl. (Prairie White Fringed Orchid)—Old reports of this orchid around 1900 from the Smiths Falls area refer to a “mud lake” (Reddoch, 1977) but it is not known whether this site was in Lanark County or Leeds County. There are two Mud Lakes north of Smiths Falls in Lanark County and one just south of Smiths Falls in Leeds County. All three areas have been searched unsuccessfully by several botanists for this provincially rare and showy orchid. Wherever it occurred in the Smiths Falls area, it seems to have disappeared. This orchid is vulnerable (S3) in Ontario (NHIC, 2010).

Physalis alkekengi L. (Chinese-lantern)—Reported from “woods near Smiths Falls” in Montgomery (1957). The 1949 specimen is at DAO and the label reads “Davis Locks, west end of Sand Lake, south of Smiths Falls”. Davis Locks occur in Leeds County about 45 km southwest of Smiths Falls.

Potamogeton obtusifolius Mert. & Koch (Blunt-leaved Pondweed)—Reported from Murphys Point Provincial Park by Lindsay (1974). This is a rare boreal species that is not likely to occur in the southern edge of the county (D. Brunton, pers. com., 1999).

Rubus flagellaris Willd. (Northern Dewberry)—Reported in previous versions of this checklist based on a sight record from Robertson L. by S. Thompson. This record is probably a misidentification of *Rubus hispidus* (Dewberry) that is common at the site but was not noted by Thompson.

Salix serissima (L. Bailey) Fern. (Autumn Willow)—A 1973 sight record from Numogate by I.D. Macdonald requires confirmation. Autumn Willow is known elsewhere in the county near Joes Lake.

Sanicula canadensis L. (Canada Snakeroot)—A report from Napier Lake (Brownell, 1992) is probably a misidentification (Pryer, 1989; D. Brunton, pers. com., 1999).

Sisyrinchium angustifolium Mill. (Blue-eyed Grass)—Reported from Purdon Conservation Area by Mosquin (1985) and from Sheridans Rapids (specimen at QK according to Queens’ database listing). This species has a very restricted distribution in eastern Ontario (D. Brunton, pers. com., 1998) and since both sources do not list the much more common *S. montanum* for their respective areas, the records require confirmation.

Symphyotrichum urophyllum (Lindl.) Nesom (*Aster urophyllus* Lindl.; *A. sagittifolius*) (Arrow-leaved Aster)—Reported from Elphin and Sheridans Rapids (specimens at QK according to Queens University database listing). Since this species does not occur in or near Lanark County (Semple *et al.*, 2002), the specimens are probably misidentified.

Trifolium dubium Sibth. (Hop Clover)—A report from Murphys Point Park by Lindsay (1974) requires confirmation. This plant is unknown in the Kingston Region (Crowder *et al.*, 1997) and in the Ottawa area (Brunton, pers. com., 2005).

Viola rotundifolia Michx. (Round-leaved Yellow Violet)—Reported from Smiths Falls by Crowder *et al.* (1997). This provincially very rare and possibly extirpated species (SH) is only known from the St. Lawrence Islands area and old records in southwestern Ontario NHIC, 2010).

APPENDIX 2: Alphabetical List of Significant Native Plants

This appendix presents an alphabetical list of native plants considered significant—rare or sparse in the county. The actual status within the county is given in the rightmost column (R1=extremely rare, only one contemporary record (more recent than 1980); R=rare, two to five contemporary records; S=sparse, six to twelve contemporary records; RH=historical and possibly extirpated, only known from records dated 1980 or earlier).

For those plants which are also significant in Ontario (NHIC, 2010), their status is given in the next-to-rightmost column. The provincial ranks are as follows: S1=critically imperiled (usually 5 or fewer occurrences known); S2=imperiled (usually 5 to 20 occurrences known); S3=vulnerable (usually 20 to 100 occurrences known); S3S4=data unclear to determine if rank is S3 or S4 (S4 is apparently secure in the province). A question mark (?) following the provincial rank indicates some degree of uncertainty (NHIC, 2010).

<i>Acer saccharum</i> Marsh. ssp. nigrum (Michx. f.) Desm.	Black Maple	S
<i>Agalinis paupercula</i> (Gray) Britt.	Small-flowered Gerardia	S
<i>Agalinis tenuifolia</i> (Vahl) Raf.	Slender Gerardia	S
<i>Agrostis perennans</i> (Walt.) Tuckerm.	Autumn Bent Grass	S
<i>Alisma gramineum</i> Lej.	Narrow-leaved Water-plantain	S
<i>Alopecurus aequalis</i> Sobol.	Short-awn Foxtail	S
<i>Amaranthus tuberculatus</i> (Moq.) Sauer	Water-hemp	RH
<i>Amelanchier alnifolia</i> (Nutt.) Nutt. ex R. Roem.	Juneberry	S
<i>Amelanchier arborea</i> (Michx. f.) Fern.	Juneberry	R
<i>Amelanchier spicata</i> (Lam.) K. Koch	Shadbush	R
<i>Amerorchis rotundifolia</i> (Banks ex Pursh) Hult.	Round-leaved Orchis	RH
<i>Anemone quinquefolia</i> L.	Wood Anemone	RH
<i>Arabis hirsuta</i> (L.) Scop. ssp. pycnocarpa (Hopk.) Hult.	Hairy Rock Cress	R
<i>Arabis holboellii</i> Hornem.	Rock Cress	R
<i>Arethusa bulbosa</i> L.	Dragon's-mouth	R
<i>Asclepias exaltata</i> L.	Poke Milkweed	R
<i>Asplenium platyneuron</i> (L.) Oakes	Ebony Spleenwort	R
<i>Asplenium rhizophyllum</i> L.	Walking Fern	S
<i>Asplenium trichomanes</i> L. ssp. quadrivalens Meyer	Tetraploid Maidenhair Spleenwort	RH
<i>Astragalus neglectus</i> (T. & G.) Sheldon	Cooper's Milk-vetch	S3 R
<i>Betula populifolia</i> Marsh.	Gray Birch	R
<i>Betula pumila</i> L. var. glandulifera Regel	Dwarf Birch	R
<i>Bidens discoideus</i> (T. & G.) Britt.	Discoïd Beggarticks	S
<i>Bidens tripartitus</i> L.	Beggarticks	S
<i>Bidens vulgatus</i> Greene	Beggarticks	R
<i>Bolboschoenus fluviatilis</i> (Torr.) Soják	River Bulrush	S
<i>Botrychium dissectum</i> Spreng.	Cut-leaved Grape Fern	RH
<i>Botrychium matricariaefolium</i> (Döll) A. Br.	Daisyleaf Grape Fern	S
<i>Botrychium simplex</i> E. Hitchc.	Dwarf Grape Fern	S
<i>Bouteloua curtipendula</i> (Michx.) Torr.	Side-oats Grama	S2 R1
<i>Bromus kalmii</i> Gray	Kalm's Brome Grass	S
<i>Calamagrostis stricta</i> (Timm) Koeler	Northern Reed Grass	RH
ssp. inexpansa (Gray) Greene		
<i>Callitriche hermaphroditica</i> L.	Water-starwort	R
<i>Callitriche verna</i> L.	Common Water-starwort	S
<i>Calopogon tuberosus</i> (L.) BSP.	Grass-pink	S
<i>Calypso bulbosa</i> (L.) Oakes	Fairy-slipper	RH
<i>Calystegia spithamea</i> (L.) Pursh	Upright Bindweed	R
<i>Cardamine bulbosa</i> (Schreb. ex Muhl.) B.S.P.	Spring Cress	R1
<i>Cardamine concatenata</i> (Michx.) Schwein.	Cut-leaved Toothwort	R
<i>Cardamine parviflora</i> L.	Small-flowered Bitter-cress	S
<i>Cardamine pratensis</i> L.	Cuckoo-flower	S

<i>Carex alopecoidea</i> Tuckerm.	Foxtail Sedge	R1
<i>Carex atherodes</i> Spreng.	Awned Sedge	RH
<i>Carex atlantica</i> Bailey	Prickly Bog Sedge	S1 R1
<i>Carex brevior</i> (Dew.) Mack. ex Lunell	Short-headed Sedge	S
<i>Carex bromoides</i> Schkuhr ex Willd.	Brome-like Sedge	R
<i>Carex brunnescens</i> (Pers.) Poir. ex Lam.	Brownish Sedge	R
<i>Carex buxbaumii</i> Wahl.	Buxbaum's Sedge	R
<i>Carex castanea</i> Wahl.	Chestnut Sedge	S
<i>Carex cephaloidea</i> (Dew.) Dew.	Sedge	S
<i>Carex chordorrhiza</i> Ehrh. ex L. f.	Cord Sedge	R
<i>Carex conoidea</i> Schkuhr ex Willd.	Field Sedge	S3 R1
<i>Carex crawei</i> Dew.	Crawe's Sedge	R
<i>Carex crawfordii</i> Fern.	Crawford's Sedge	R
<i>Carex cryptolepis</i> Mack.	Hidden-scaled Sedge	S
<i>Carex echinata</i> Murray	Prickly Sedge	S
<i>Carex formosa</i> Dew.	Sedge	R
<i>Carex grayi</i> Carey	Gray's Sedge	R1
<i>Carex grisea</i> Wahl.	Gray Sedge	R
<i>Carex gynocrates</i> Wormsk. ex Drejer	Ridged Sedge	R
<i>Carex hirtifolia</i> Mack.	Hairy Sedge	R
<i>Carex hitchcockiana</i> Dew.	Hitchcock's Sedge	S
<i>Carex houghtoniana</i> Torr. ex Dew.	Houghton's Sedge	S
<i>Carex leptoneuria</i> Fern.	Finely-nerved Sedge	S
<i>Carex limosa</i> L.	Mud Sedge	S
<i>Carex livida</i> (Wahl.) Willd.	Lead-coloured Sedge	R
<i>Carex lucorum</i> Willd. ex Link	Distant Sedge	S
<i>Carex lurida</i> Wahl.	Sallow Sedge	R
<i>Carex merritt-fernaldii</i> Mack.	Sedge	R1
<i>Carex muhlenbergii</i> Schkuhr ex Willd.	Muhlenberg's Sedge	R1
<i>Carex novae-angliae</i> Schwein.	New England Sedge	RH
<i>Carex oligosperma</i> Michx.	Few-seeded Sedge	R
<i>Carex ormostachya</i> Wieg.	Sedge	S
<i>Carex pellita</i> Muhl.	Sedge	S
<i>Carex plantaginea</i> Lam.	Plantain-leaved Sedge	S
<i>Carex platyphylla</i> Carey	Broad-leaved Sedge	S
<i>Carex prairea</i> Dew.	Prairie Sedge	R1
<i>Carex prasina</i> Wahl.	Onion-coloured Sedge	R
<i>Carex projecta</i> Mack.	Spreading Sedge	R
<i>Carex richardsonii</i> R. Br.	Richardson's Sedge	R
<i>Carex sartwellii</i> Dew.	Sartwell's Sedge	S
<i>Carex scabrata</i> Schwein.	Rough Sedge	R
<i>Carex siccata</i> Dew.	Copper Sedge	R
<i>Carex sparganioides</i> Muhl. ex Willd.	Bur-reed Sedge	R
<i>Carex sterilis</i> Willd.	Sedge	R
<i>Carex sychnocephala</i> J. Carey	Compact Sedge	R
<i>Carex tribuloides</i> Wahl.	Blunt-broom Sedge	R1
<i>Carex umbellata</i> Schkuhr ex Willd.	Umbel-like Sedge	R
<i>Carex vaginata</i> Tausch	Sheathed Sedge	R1
<i>Carex viridula</i> Michx.	Greenish Sedge	S
<i>Carex woodii</i> Dew.	Wood's Sedge	R1
<i>Carya ovata</i> (Mill.) K. Koch	Shagbark Hickory	R
<i>Ceanothus americanus</i> L.	New Jersey Tea	S
<i>Ceanothus herbaceus</i> Raf.	Narrow-leaved New Jersey Tea	R
<i>Celtis occidentalis</i> L.	Hackberry	R
<i>Cerastium arvense</i> L.	Meadow Chickweed	RH

<i>Chamaesyce vermiculata</i> (Raf.) House	Vermiculate Spurge	RH
<i>Chenopodium capitatum</i> (L.) Ambrosi	Strawberry-blite	S
<i>Chrysosplenium americanum</i> Schwein.	Golden-saxifrage	S
<i>Cicuta maculata</i> L.	Water-hemlock	S
<i>Cinna arundinacea</i> L.	Stout Woodreed	R
<i>Cirsium discolor</i> (Muhl. ex Willd.) Spreng.	Prairie Thistle	S3 R1
<i>Claytonia virginica</i> L.	Virginian Spring-beauty	R
<i>Clematis occidentalis</i> (Hornem.) DC.	Purple Clematis	R
<i>Coeloglossum viride</i> (L.) Hartm.	Bracted Orchid	R
<i>Corallorhiza maculata</i> (Raf.) Raf.	Spotted Coralroot	S
<i>Corallorhiza striata</i> Lindl.	Striped Coralroot	S
<i>Corydalis aurea</i> Willd.	Golden Corydalis	S
<i>Crataegus flabellata</i> (Bosc ex Spach) K. Koch	Hawthorn	R1
<i>Crataegus macracantha</i> Lodd.	Downy Hawthorn	R1
<i>Crataegus submollis</i> Sarg.	Velvety Hawthorn	R
<i>Crataegus succulenta</i> Schrad. ex Link	Succulent Hawthorn	R1
<i>Cryptogramma stelleri</i> (Gmel.) Prantl.	Slender Cliffbrake	R
<i>Cryptotaenia canadensis</i> (L.) DC.	Honewort	S
<i>Cynoglossum boreale</i> Fern.	Wild Comfrey	S
<i>Cyperus diandrus</i> Torr.	Two-stamened Cyperus	R
<i>Cyperus esculentus</i> L. var. <i>leptostachyus</i> Boeck.	Ground-almond	R
<i>Cyperus squarrosus</i> L.	Awned Cyperus	RH
<i>Cyperus strigosus</i> L.	Strigose Cyperus	R
<i>Cypripedium arietinum</i> R. Br.	Ram's-head Lady-slipper	S3 S
<i>Dalibarda repens</i> L.	Dewdrop	R1
<i>Dennstaedtia punctilobula</i> (Michx.) Moore	Hay-scented Fern	S
<i>Deparia acrostichoides</i> (Sw.) Kato	Silvery Spleenwort	S
<i>Desmodium nudiflorum</i> (L.) DC.	Naked-flowered Tick-trefoil	RH
<i>Desmodium paniculatum</i> (L.) DC.	Panicked Tick-trefoil	R
<i>Dichanthelium boreale</i> (Nash) Freckm.	Northern Panic Grass	R
<i>Dichanthelium depauperatum</i> (Muhl.) Gould	Impoverished Panic Grass	S
<i>Diphasiastrum complanatum</i> (L.) Holub var. <i>complanatum</i>	Ground-cedar	RH
<i>Diplazium pycnocarpon</i> (Spreng.) Brown	Narrow-leaved Spleenwort	R
<i>Dracocephalum parviflorum</i> Nutt.	Dragon-head	R
<i>Drosera intermedia</i> Hayne	Spatulate-leaved Sundew	R
<i>Dryopteris clintoniana</i> (D. Eat.) Dowell	Clinton's Fern	R
<i>Dryopteris fragrans</i> (L.) Schott	Fragrant Cliff Fern	R1
<i>Dryopteris goldiana</i> (Hook.) Gray	Goldie's Fern	S
<i>Dryopteris Xboottii</i> (Tuckerm.) Underw.	Boott's Wood Fern	R
<i>Dryopteris Xtriploidea</i> Wherry	Triploid Wood Fern	R1
<i>Eleocharis elliptica</i> Kunth	Elliptic Spike-rush	S
<i>Eleocharis flavescens</i> (Poir.) Urban	Olive-brown Spike-rush	R
var. <i>olivacea</i> (Torr.) Gleason		
<i>Eleocharis intermedia</i> Schultes	Intermediate Spike-rush	R
<i>Eleocharis quinqueflora</i> (Hartm.) O. Schwarz	Spike-rush	R1
<i>Elodea nuttallii</i> (Planch.) St. John	Water-weed	R1
<i>Elymus villosus</i> Muhl. ex Willd.	Hairy Wild Rye	R
<i>Elymus wiegandii</i> Fern.	Wiegand's Wild Rye	R1
<i>Epilobium coloratum</i> Biehler	Purple-leaved Willow-herb	R
<i>Epilobium palustre</i> L.	Swamp Willow-herb	R
<i>Epilobium strictum</i> Muhl. ex Spreng.	Downy Willow-herb	S
<i>Equisetum Xlitorale</i> Kuhn.	Shoreline Horsetail	RH
<i>Equisetum Xmackaii</i> (Newm.) Brichan	Hybrid Horsetail	R
<i>Eragrostis frankii</i> C. Meyer ex Steud.	Frank's Love Grass	R1

<i>Eragrostis pectinacea</i> (Michx.) Nees ex Steud.	Pectinate Love Grass	R
<i>Eriocaulon aquaticum</i> (Hill) Druce	Pipewort	R
<i>Eriophorum gracile</i> Koch ex Roth	Slender Cotton-grass	R
<i>Eriophorum tenellum</i> Nutt.	Filiform Cotton-grass	R
<i>Eriophorum vaginatum</i> L.	Dense Cotton-grass	S
<i>Fallopia scandens</i> (L.) Holub	False Buckwheat	R
<i>Festuca subverticillata</i> (Pers.) Alex.	Nodding Fescue	S
<i>Floerkea proserpinacoides</i> Willd.	False Mermaid	R1
<i>Galearis spectabilis</i> (L.) Raf.	Showy Orchis	R
<i>Galium asprellum</i> Michx.	Rough Bedstraw	R
<i>Galium boreale</i> L.	Northern Bedstraw	R1
<i>Galium labradoricum</i> (Wieg.) Wieg.	Bog Bedstraw	S
<i>Galium obtusum</i> Bigel.	Wild Madder	R1
<i>Galium tinctorium</i> L.	Dyer's Bedstraw	R
<i>Galium trifidum</i> L.	Small Bedstraw	S
<i>Gaylussacia baccata</i> (Wang.) K. Koch	Huckleberry	S
<i>Gentianella quinquefolia</i> (L.) Small	Stiff Gentian	S2 R1
<i>Gentianopsis crinita</i> (Froel.) Ma	Fringed Gentian	S
<i>Geum laciniatum</i> Murr.	Slashed Avens	R1
<i>Geum rivale</i> L.	Purple Avens	S
<i>Goodyera pubescens</i> (Willd.) R. Br.	Downy Rattlesnake-plantain	R1
<i>Goodyera repens</i> (L.) R. Br.	Dwarf Rattlesnake-plantain	S
<i>Goodyera tessellata</i> Lodd.	Checkered	R
<i>Gratiola neglecta</i> Torr.	Hedge-hyssop	R
<i>Halenia deflexa</i> (Sm.) Griseb.	Spurred-gentian	R
<i>Heracleum maximum</i> Bartr.	Cow-parsnip	R1
<i>Hieracium umbellatum</i> L.	Kalm's Hawkweed	R
<i>Hippuris vulgaris</i> L.	Mare's-tail	R
<i>Hydrophyllum virginianum</i> L.	Waterleaf	R
<i>Hypericum boreale</i> (Britt.) Bickn.	Dwarf St. John's-wort	S
<i>Hypericum ellipticum</i> Hook.	Pale St. John's-wort	R
<i>Hypericum punctatum</i> Lam.	Spotted St. John's-wort	R1
<i>Isoetes echinospora</i> Dur. ssp. <i>muricata</i> (Dur.) Löve & Löve .	Quillwort	S
<i>Isoetes macrospora</i> Dur.	Quillwort	R
<i>Juncus articulatus</i> L.	Jointed Rush	S
<i>Juncus pelocarpus</i> E. Meyer	Brown-fruited Rush	R
<i>Juniperus virginiana</i> L.	Red Cedar	S
<i>Kalmia polifolia</i> Wang.	Bog Laurel	S
<i>Lactuca biennis</i> (Moench) Fern.	Blue Lettuce	S
<i>Leersia virginica</i> Willd.	White Grass	R
<i>Lespedeza capitata</i> Michx.	Round-headed Bush-clover	R1
<i>Leucophysalis grandiflora</i> (Hook.) Rydb.	Large White Ground-cherry	S3 S
<i>Lindernia dubia</i> (L.) Penn.	False Pimpernel	R
<i>Listera cordata</i> (L.) R. Br.	Heartleaved Twayblade	R
<i>Littorella americana</i> Fern.	Shore-plantain	R1
<i>Lobelia spicata</i> Lam.	Pale Spike Lobelia	R1
<i>Lonicera oblongifolia</i> (Goldie) Hook.	Swamp Honeysuckle	S
<i>Luzula acuminata</i> Raf.	Acuminate Wood-rush	R
<i>Luzula multiflora</i> (Retz.) Lej.	Common Wood-rush	R1
<i>Lycopodiella inundata</i> (L.) Holub	Bog Club-moss	R
<i>Lycopodium hickeyi</i> Wagner, Beitel & Moran	Ground-pine	S
<i>Lycopodium obscurum</i> L. var. <i>obscurum</i>	Ground-pine	R
<i>Lysimachia ciliata</i> L.	Fringed Loosestrife	S

<i>Lysimachia quadrifolia</i> L.	Whorled Loosestrife	R
<i>Maianthemum canadense</i> Desf. var. <i>interius</i> Fern.	Hairy Wild Lily-of-the-valley	R
<i>Maianthemum stellatum</i> (L.) Link	Starry False Solomon's Seal	S
<i>Malaxis unifolia</i> Michx.	Green Adder's-mouth	S
<i>Menispermum canadense</i> L.	Moonseed	R
<i>Milium effusum</i> L.	Wild Millet	S
<i>Minuartia michauxii</i> (Fenzl) Farw.	Rock Sandwort	S
<i>Moehringia lateriflora</i> (L.) Fenzl	Grove Sandwort	R
<i>Monarda fistulosa</i> L.	Wild Bergamot	S
<i>Muhlenbergia uniflora</i> (Muhl.) Fern.	One-flowered Muhlenbergia	R1
<i>Myosotis laxa</i> Lehm.	Smaller Forget-me-not	R1
<i>Myriophyllum alterniflorum</i> DC.	Alternate Water-milfoil	S
<i>Myriophyllum heterophyllum</i> Michx.	Diverse-leaved Water-milfoil	R
<i>Myriophyllum verticillatum</i> L.	Whorled Water-milfoil	S
<i>Najas guadalupensis</i> (Spreng.) Magn.	Naiad	S3 S
<i>Nemopanthus mucronatus</i> (L.) Loes.	Mountain-holly	S
<i>Neobeckia aquatica</i> (Eat.) Greene	Lake Cress	S3? R1
<i>Nuphar rubrodisca</i> Morong	Red-disk Pond-lily	R1
<i>Nymphaea odorata</i> Ait. ssp. <i>tuberosa</i> (Paine) Wier. & Hellq.	Tuberous Water-lily	S
<i>Oclemena acuminata</i> (Michx.) Greene	Whorled Wood Aster	R1
<i>Oclemena nemoralis</i> (Dry. in Ait.) Greene	Bog Aster	R
<i>Oenothera parviflora</i> L.	Small-flowered Evening-primrose	S
<i>Ophioglossum pusillum</i> Raf.	Adder's-tongue Fern	R
<i>Osmorhiza longistylis</i> (Torr.) DC.	Anise-root	RH
<i>Packera aureus</i> L.	Golden Ragwort	R1
<i>Panax quinquefolius</i> L.	Ginseng	S2 S
<i>Panax trifolius</i> L.	Dwarf Ginseng	R
<i>Panicum flexile</i> (Gatt.) Scribn.	Wiry Panic Grass	R
<i>Panicum philadelphicum</i> Bernh. ex Trin.	Philadelphia Witch Grass	S
<i>Parnassia glauca</i> Raf.	Grass-of-parnassus	R
<i>Pellaea atropurpurea</i> (L.) Link	Purple-stemmed Cliffbrake	S3 R
<i>Peltandra virginica</i> (L.) Schott & Endl.	Arrow Arum	S2 R1
<i>Penstemon hirsutus</i> (L.) Willd.	Hairy Beardtongue	S
<i>Persicaria hydropiperoides</i> (Michx.) Sm.	False Water-pepper	R
<i>Persicaria punctata</i> (Ell.) Sm.	Water Knotweed	S
<i>Persicaria sagittata</i> (L.) Gross	Tear-thumb	S
<i>Petasites frigidus</i> (L.) Fries	Sweet Coltsfoot	S
<i>Picea mariana</i> (Mill.) BSP.	Black Spruce	S
<i>Pilea fontana</i> (Lunell) Rydb.	Clearweed	R
<i>Platanthera clavellata</i> (Michx.) Luer	Club-spur Orchid	R
<i>Platanthera dilatata</i> (Pursh) Lindl. ex Beck	White Bog Orchid	R
<i>Platanthera flava</i> (L.) Lindl. var. <i>herbiola</i> (R. Br.) Luer	Tubercled Orchid	S3 R
<i>Platanthera hookeri</i> (Torr. ex Gray) Lindl.	Hooker's Orchid	S3 S
<i>Platanthera huronensis</i> (Nutt.) Lindl.	Hybrid Bog Orchid	R1
<i>Platanthera macrophylla</i> (Goldie) P.M. Brown	Large Round-leaved Orchid	S2 R1
<i>Platanthera obtusata</i> (Banks ex Pursh) Lindl.	Blunt-leaved Orchid	S
<i>Platanthera orbiculata</i> (Pursh) Lindl.	Round-leaved Orchid	R
<i>Poa alsodes</i> Gray	Woodland Poa	R
<i>Poa saltuensis</i> Fern. & Wieg.	Forest Meadow Grass	S
<i>Polygala polygama</i> Walter	Pink Polygala	R1
<i>Polygala sanguinea</i> L.	Purple Milkwort	S3 R1
<i>Polygala senega</i> L.	Seneca Snakeroot	R
<i>Polygala verticillata</i> L.	Whorled Milkwort	R1
<i>Polygonum douglasii</i> Greene	Douglas' Knotweed	R

<i>Populus deltoides</i> Bartram ex Marsh.	Cottonwood	S
<i>Potamogeton foliosus</i> Raf.	Leafy Pondweed	R
<i>Potamogeton friesii</i> Rupr.	Fries' Pondweed	S
<i>Potamogeton illinoensis</i> Morong	Illinois Pondweed	S
<i>Potamogeton nodosus</i> Poir.	Knotted Pondweed	S
<i>Potamogeton ogdenii</i> Hellq. & Hilton	Ogden's Pondweed	SH RH
<i>Potamogeton praelongus</i> Wulfen	White-stem Pondweed	S
<i>Potamogeton spirillus</i> Tuckerm.	Northern Snailseed Pondweed	R1
<i>Potamogeton strictifolius</i> A. Benn.	Strict-leaved Pondweed	R
<i>Potamogeton vaseyi</i> Robb.	Vasey's Pondweed	R
<i>Potentilla anserina</i> L.	Silverweed	R
<i>Potentilla arguta</i> Pursh	Tall Cinquefoil	R
<i>Prenanthes alba</i> L.	White-lettuce	R
<i>Primula mistassinica</i> Michx.	Bird's-eye Primrose	R1
<i>Proserpinaca palustris</i> L.	Mermaid-weed	S
<i>Prunus pumila</i> L. var. <i>susquehanae</i> (Willd.) Jaeger	Sand Cherry	R
<i>Pseudognaphalium obtusifolium</i> L.	Sweet Everlasting	R
<i>Pterospora andromedea</i> Nutt.	Pinedrops	S2 R
<i>Pyrola americana</i> Sw.	Pyrola	S
<i>Ranunculus fascicularis</i> Muhl. ex Bigel.	Early Buttercup	R1
<i>Ranunculus flammula</i> L. var. <i>reptans</i> (L.) Mey.	Spearwort	S
<i>Ranunculus gmelinii</i> DC.	Yellow Water-crowfoot	R
<i>Ranunculus hispidus</i> Michx.	Northern Crowfoot	R
var. <i>caricetorum</i> (Greene) Duncan		
<i>Ranunculus sceleratus</i> L.	Cursed Crowfoot	S
<i>Rhus aromatica</i> Ait.	Fragrant Sumac	S
<i>Rhynchospora capillacea</i> Torr.	Beak-rush	R
<i>Rhynchospora capitellata</i> (Michx.) Vahl	Beak-rush	R1
<i>Rhynchospora fusca</i> (L.) Ait. f.	Brown Beak-rush	R1
<i>Ribes hudsonianum</i> Richards.	Northern Wild Black Currant	R1
<i>Rorippa palustris</i> (L.) Bess.	Yellow Cress	R
ssp. <i>fernaldiana</i> (Butt. & Abbe) Jonsell		
<i>Rubus hispidus</i> L.	Dewberry	S
<i>Sagittaria graminea</i> Michx.	Grass-leaved Arrowhead	S
<i>Salix eriocephala</i> Michx.	Missouri Willow	R1
<i>Salix exigua</i> Nutt. ssp. <i>interior</i> (Rowlee) Cronq.	Sandbar Willow	R
<i>Salix humilis</i> Marsh.	Upland Willow	S
<i>Salix nigra</i> Marsh.	Black Willow	R
<i>Salix pedicellaris</i> Pursh	Bog Willow	S
<i>Salix pyrifolia</i> Anderss.	Balsam Willow	R1
<i>Salix serissima</i> (Bailey) Fern.	Autumn Willow	R1
<i>Sanicula odorata</i> (Raf.) Pryer & Phillippe	Clustered Snakeroot	R1
<i>Sanicula trifoliata</i> Bickn.	Large-fruited Snakeroot	S
<i>Schoenoplectus acutus</i> (Muhl. ex Bigel.) Löve & Löve	Great Bulrush	S
<i>Schoenoplectus pungens</i> (Vahl) Palla	American Bulrush	S
<i>Schoenoplectus subterminalis</i> (Torr.) Soják	Swaying-rush	S
<i>Scrophularia lanceolata</i> Pursh	Figwort	S
<i>Scutellaria parvula</i> Michx.	Small Skullcap	R
<i>Selaginella eclipses</i> Buck	Meadow Spikemoss	S
<i>Sicyos angulatus</i> L.	Bur-cucumber	R1

<i>Smilax herbacea</i> L.	Carrion-flower	R
<i>Solidago flexicaulis</i> L.	Zigzag Goldenrod	S
<i>Solidago ptarmicoides</i> (Nees) Boivin	Upland White Goldenrod	R
<i>Sorbus americana</i> Marsh.	American Mountain-ash	R
<i>Sorghastrum nutans</i> (L.) Nash	Indian Grass	R1
<i>Sparganium americanum</i> Nutt.	American Bur-reed	RH
<i>Sparganium angustifolium</i> Michx.	Narrow-leaved Bur-reed	S
<i>Sparganium fluctuans</i> (Morong) Robins.	Floating Bur-reed	S
<i>Sparganium natans</i> L.	Small Bur-reed	S
<i>Spartina pectinata</i> Link	Tall Cord Grass	R
<i>Spiranthes casei</i> Catling & Cruise	Case's Ladies'-tresses	S
<i>Spiranthes lucida</i> (H. H. Eat.) Ames	Shining Ladies'-tresses	R
<i>Spiranthes romanzoffiana</i> Cham.	Hooded Ladies'-tresses	R
<i>Sporobolus heterolepis</i> (Gray) Gray	Prairie Dropseed	S3 R
<i>Stellaria borealis</i> Bigel.	Northern Stitchwort	R1
<i>Stellaria longifolia</i> Muhl. ex Willd.	Long-leaved Chickweed	R
<i>Stuckenia filiformis</i> Pers. Börner	Threadleaf Pondweed	R
<i>Symphyotrichum boreale</i> (T. & G.) Löve & Löve	Rush Aster	S
<i>Symphyotrichum ontarione</i> (Wieg.) Nesom	Ontario Aster	R
<i>Symphyotrichum oolentangiense</i> (Ridd.) Nesom	Azure Aster	R1
<i>Symphyotrichum Xamethystinum</i> (Nutt.) Nesom	Amethyst Aster	R1
<i>Symplocarpus foetidus</i> (L.) Salisb. ex Nutt.	Skunk-cabbage	R
<i>Teucrium canadense</i> L.	Germander	S
<i>Thalictrum venulosum</i> Trel.	Veiny Meadow-rue	RH
<i>Thelypteris noveboracensis</i> (L.) Nieuwl.	New York Fern	S
<i>Torreyochloa pallida</i> (Torr.) Church	Fernald's Manna Grass	R
var. <i>fernaldii</i> (Hitchc.) Dore ex Koyama & Kawano		
<i>Torreyochloa pallida</i> (Torr.) Church var. <i>pallida</i>	Manna Grass	S2 R1
<i>Toxicodendron radicans</i> (L.) Kuntze	Climbing Poison Ivy	R
ssp. <i>negundo</i> (Greene) Gillis		
<i>Toxicodendron vernix</i> (L.) Kuntze	Poison Sumac	R1
<i>Triadenum virginicum</i> (L.) Raf.	Virginia St. John's-wort	R
<i>Triantha glutinosa</i> (Michx.) Baker	Sticky False Asphodel	R1
<i>Trichophorum alpinum</i> (L.) Pers.	Hudsonian Club-rush	S
<i>Trichostema brachiatum</i> L.	False Pennyroyal	S
<i>Triglochin maritimum</i> L.	Arrow-grass	R
<i>Triglochin palustre</i> L.	Marsh Arrow-grass	R1
<i>Trillium cernuum</i> L.	Nodding Trillium	R
<i>Triodanis perfoliata</i> (L.) Nieuwl.	Venus' Looking-glass	R
<i>Triosteum aurantiacum</i> Bickn.	Horse-gentian	S
<i>Trisetum melicoides</i> (Michx.) Vasey ex Scribn.	Melica-like Trisetum	R1
<i>Trisetum spicatum</i> (L.) Richter	Spike Trisetum	R1
<i>Utricularia cornuta</i> Michx.	Horned Bladderwort	R
<i>Utricularia gibba</i> L.	Humped Bladderwort	R
<i>Utricularia purpurea</i> Walt.	Purple Bladderwort	R1
<i>Utricularia resupinata</i> Greene ex Bigel.	Inverted Bladderwort	R1
<i>Uvularia sessilifolia</i> L.	Sessile-leaved Bellwort	R
<i>Vaccinium corymbosum</i> L.	High Bush Blueberry	R
<i>Vaccinium macrocarpon</i> Ait.	Large Cranberry	S
<i>Verbena simplex</i> Lehm.	Narrow-leaved Vervain	R
<i>Verbena stricta</i> Vent.	Hoary Vervain	S
<i>Verbena urticifolia</i> L.	White Vervain	S
<i>Veronica americana</i> (Raf.) Schwein. ex Benth.	Brooklime	R

<i>Veronica anagallis-aquatica</i> L.	Water Speedwell	S
<i>Veronica peregrina</i> L. ssp. <i>xalapensis</i> (Kunth) Penn.	Purslane Speedwell	R
<i>Viburnum nudum</i> L. var. <i>cassinoides</i> (L.) T. & G.	Northern Wild Raisin	S
<i>Viburnum recognitum</i> Fern.	Southern Arrowwood	S
<i>Viola adunca</i> Sm.	Hooked Violet	R
<i>Viola lanceolata</i> L.	Lance-leaved Violet	R1
<i>Viola nephrophylla</i> Greene	Northern Bog Violet	R
<i>Viola rostrata</i> Pursh	Long-spurred Violet	S
<i>Viola sagittata</i> Ait. var. <i>ovata</i> (Nutt.) T. & G.	Northern Downy Violet	R
<i>Viola selkirkii</i> Pursh	Great-spurred Violet	RH
<i>Wolffia brasiliensis</i> Wedd.	Watermeal	S2? ... R
<i>Woodwardia virginica</i> (L.) Sm.	Virginia Chain Fern	R
<i>Zizea aurea</i> (L.) Koch	Golden Alexanders	R

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<i>Galeopsis</i>	67	Groundnut	56	Hops	45
<i>Galinsoga</i>	75	Ground-almond	37	<i>Hordeum</i>	30
<i>Galium</i>	70, 71	Gumweed	75	HORNWORT FAMILY	49
Garlic Mustard	51	GUTTIFERAE	60	Horse-gentian	72
<i>Gaultheria</i>	64	<i>Gymnocarpium</i>	25	Horseradish	51

Horsetail	22, 79	Kochia	47	LOOSESTRIFE FAMILY	61
HORSETAIL FAMILY	22	LABIATAE	67	Lopseed	67
Horseweed	74	Labrador Tea	64	Lotus	57
Hound's-tongue	66	Lactuca	76	Love Grass	30
Huckleberry	64	Ladies'-tresses	43	Ludwigia	62
Humulus	45	Lady Fern	24	Lupine	57
Huperzia	22	Lady-slipper	41	Lupinus	57
HYDRANGAEA FAMILY	54	Lady's-thumb	46	Luzula	39
HYDRANGEACEAE	54	Lake Cress	52	Lychnis	48
Hydrocharis	28	Lamb's Quarters	47	LYCOPODIACEAE	22
HYDROCHARITACEAE	28	LAMIACEAE	67	Lycopodiella	22
Hydrocotyle	63	Laportea	45	Lycopodium	22
HYDROPHYLLACEAE	66	Lappula	66	Lycopus	67
Hydrophyllum	66	Lapsana	76	Lysimachia	65
Hylotelephium	53	Larix	25	LYTHRACEAE	61
Hypericum	60	Lathyrus	56, 57	Lythrum	61
Hystrix	29	Leatherleaf	64	MADDER FAMILY	70
Iberis	52	Leatherwood	61	Maianthemum	40
Ilex	59	Lechea	60	Maiden Pink	48
Impatiens	59	Ledum	64	Maidenhair Fern	23
Indian Balsam	59	Leersia	30	MAIDENHAIR FERN FAMILY	23
Indian Cucumber-root	40	LEGUMINOSAE	56	Maidenhair Spleenwort	24
Indian Grass	32	Lemna	38	Malaxis	42
Indian Hemp	65	LEMNACEAE	38	Mallow	60
Indian Mustard	51	Lemon-lily	39	MALLOW FAMILY	60
Indian Pipe	64	LENTIBULARIACEAE	70	Malus	55
Indian Tobacco	72	Leontodon	76	Malva	60
Interrupted Fern	23	Leonurus	67	MALVACEAE	60
Interrupted Wind Grass	28	Lepidium	52	Manna Grass	30, 32
Inula	75	Lespedeza	57	Maple	59
IRIDACEAE	40	Leucanthemella	74, 76	MAPLE FAMILY	59
Iris	40	Leucanthemum	74, 76	Mare's-tail	62
IRIS FAMILY	40	Leucophysalis	68	MARE'S-TAIL FAMILY	62
Ironwood	45	Liatris	76	Marginal Shield Fern	24
Isanthus	68	Lilac	65	Marijuana	45
ISOETACEAE	23	LILIACEAE	39	Marsh Fern	24
Isoetes	23	Lilium	40, 80	MARSH FERN FAMILY	23
Iva	74	LILY FAMILY	39	Marsh Wild Pea	56
Jack-in-the-pulpit	38	Lily-of-the-valley	39, 40	Marsh-marigold	49
Jerusalem Artichoke	75	LIMNANTHACEAE	58	Marsh-pennywort	63
Jimsonweed	68	LINACEAE	57	Marsh-purslane	62
Johnny-jump-up	61	Linaria	69	Marsh-elder	74
JUGLANDACEAE	44	LINDEN FAMILY	60	Matricaria	76, 78
Juglans	44	Lindernia	69	Matteuccia	25
JUNCACEAE	39	Linnaea	71	Meadow Grass	31
JUNCAGINACEAE	27	Linum	57	Meadow-rue	50
Juncus	39	Liparis	42	Meadowsweet	56
Juneberry	54	Listera	42	Medeola	40
Juniper	25	Lithospermum	66	Medicago	57
Juniperus	25	Little Bluestem	32	Megalodonta	73
Kalmia	64	Littorella	70	Melampyrum	69
Kenilworth-ivy	69	Lobelia	72, 73	Melilotus	57
King Devil	75	Lolium	30	MENISPERMACEAE	50
Knapweed	74	Lonicera	71	Menispermum	50
Knotweed	46	Loosestrife	61, 65	Mentha	67, 68

MENYANTHACEAE	65	<i>Najas</i>	27	OSMUNDACEAE	23
<i>Menyanthes</i>	65	Nannyberry	72	Ostrich Fern	25
Mermaid-weed	62	<i>Narcissus</i>	40	<i>Ostrya</i>	45
MEZEREUM FAMILY	61	<i>Nasturtium</i>	52, 80	Ox-eye	75, 76
<i>Micranthes</i>	53, 54	<i>Nemopanthus</i>	59	OXALIDACEAE	57
<i>Milium</i>	30	<i>Neobeckia</i>	51, 52	<i>Oxalis</i>	57
Milk-vetch	56	<i>Nepeta</i>	68	<i>Packera</i>	76, 77
Milkweed	65	<i>Neslia</i>	52	<i>Panax</i>	62
MILKWEED FAMILY	65	Nettle	45	Panic Grass	29, 31
Milkwort	57, 58	NETTLE FAMILY	45	<i>Panicum</i>	29, 31
MILKWORT FAMILY	57	New Jersey Tea	59	<i>Papaver</i>	50, 51
Millet	30-32	New York Fern	24	PAPAVERACEAE	50
<i>Mimulus</i>	69	Night-flowering Catchfly	48	<i>Parnassia</i>	54
Mint	67	Nightshade	61, 68	PARSLEY FAMILY	63
MINT FAMILY	67	NIGHTSHADE FAMILY	68	<i>Parthenocissus</i>	59, 80
<i>Minuartia</i>	48	Ninebark	55	Partridge-berry	71
<i>Mirabilis</i>	48	Nipplewort	76	<i>Pastinaca</i>	63
<i>Miscanthus</i>	30	Northern Beech Fern	23	Pea Shrub	56
<i>Mitchella</i>	71	Northern Reed Grass	29	Pea Tree	56
<i>Mitella</i>	53	<i>Nuphar</i>	49	Pearlwort	48
Mitrewort	53	NYCTAGINACEAE	48	Pearly Everlasting	73
Moccasin-flower	41	<i>Nymphaea</i>	49	<i>Pedicularis</i>	69
Mock Pennyroyal	67	NYMPHAEACEAE	49	<i>Pellaea</i>	23
Mock-orange	54	Oak	45	<i>Peltandra</i>	38
<i>Moehringia</i>	48	Oak Fern	25	Penny-cress	53
<i>Mollugo</i>	48	Oat Grass	28	Pennyroyal	67, 68, 80
<i>Monarda</i>	68	Oats	28	<i>Penstemon</i>	69
<i>Moneses</i>	64	<i>Oclemena</i>	73, 76	PENTHORACEAE	53
Moneywort	65	<i>Oenothera</i>	62	<i>Penthorum</i>	53
Monkey-flower	69	OLEACEAE	65	Peppergrass	52
<i>Monotropa</i>	64	OLEASTER FAMILY	61	Peppermint	68
<i>Montia</i>	48	<i>Oligoneuron</i>	77	Periwinkle	65
Moonseed	50	OLIVE FAMILY	65	<i>Persicaria</i>	46
MOONSEED FAMILY	50	ONAGRACEAE	61	<i>Petasites</i>	76
Moonwort	79	One-flowered Wintergreen	64	<i>Phalaris</i>	31
MORNING-GLORY FAMILY	66	Onion	35	<i>Phegopteris</i>	23
Motherwort	67	<i>Onoclea</i>	25	<i>Philadelphus</i>	54
Mountain-ash	56	<i>Onopordum</i>	76	<i>Phleum</i>	31
Mountain-holly	59	OPHIOGLOSSACEAE	23	<i>Phlox</i>	66
Mountain-rice	31	<i>Ophioglossum</i>	23	PHLOX FAMILY	66
Mouse-ear Cress	51	Orach	47	<i>Photinia</i>	54
Mugwort	73	Orchard Grass	29	<i>Phragmites</i>	31
<i>Muhlenbergia</i>	30, 80	Orchid	41-43, 80	<i>Phryma</i>	67
<i>Mullein</i>	69	ORCHID FAMILY	41	<i>Physalis</i>	68, 80
Mullein Pink	48	ORCHIDACEAE	41	<i>Physocarpus</i>	55
MUSTARD FAMILY	51	<i>Orchis</i>	41	<i>Picea</i>	25
<i>Myosotis</i>	66, 67	<i>Origanum</i>	68	Pickerel-weed	39
<i>Myrica</i>	44	<i>Ornithogalum</i>	40	PICKEREL-WEED FAMILY	39
MYRICACEAE	44	OROBANCHACEAE	70	Pigweed	47
<i>Myriophyllum</i>	62	Orpine	53	<i>Pilea</i>	45
MYRSINACEAE	65	ORPINE FAMILY	53	Pilewort	74
MYRSINE FAMILY	65	<i>Orthilia</i>	64	PINACEAE	25
Naiad	27	<i>Oryzopsis</i>	30, 31	Pine	25
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NAJADACEAE	27	<i>Osmunda</i>	23	Pineapple-weed	76

Pinedrops	64	<i>Prunella</i>	68	RUE FAMILY	57
Pinesap	64	<i>Prunus</i>	55	<i>Rumex</i>	47
PINK FAMILY	48	<i>Pseudognaphalium</i>	76	Rush	39
<i>Pinus</i>	25	PTERIDACEAE	23	RUSH FAMILY	39
Pinweed	60	<i>Pteridium</i>	23	Russian-thistle	47
Pipewort	38	<i>Pterospora</i>	64	Russian-olive	61
PIPEWORT FAMILY	38	<i>Puccinellia</i>	31	Rusty Woodsia	25
Pipsissewa	64	Purple Loosestrife	61	Rutabaga	51
Pitcher-plant	53	Purslane	48, 62, 70	RUTACEAE	57
PITCHER-PLANT FAMILY ..	53	PURSLANE FAMILY	48	Rye	29, 30, 32
PLANTAGINACEAE	70	Pussy-toes	73	Rye Grass	30
<i>Plantago</i>	70	<i>Pyrola</i>	64	Sage	68, 73
Plantain	70	<i>Pyrus</i>	55	<i>Sagina</i>	48
PLANTAIN FAMILY	70	Quack Grass	29	<i>Sagittaria</i>	27
<i>Platanthera</i>	42, 43, 80	Queen Anne's-lace	63	SALICACEAE	43
Plume Grass	30	<i>Quercus</i>	45	<i>Salix</i>	43, 44, 80
Plumeless-thistle	74	Quillwort	23	<i>Salsola</i>	47
<i>Poa</i>	31	QUILLWORT FAMILY	23	Saltmarsh Grass	31
POACEAE	28	Ragweed	73	<i>Salvia</i>	68
<i>Pogonia</i>	43	RANUNCULACEAE	49	<i>Sambucus</i>	71
Poison Ivy	58	<i>Ranunculus</i>	49, 50	SANDALWOOD FAMILY ...	45
<i>Polanisia</i>	51	Raspberry	56	Sandwort	48
POLEMONIACEAE	66	<i>Ratibida</i>	76	<i>Sanguinaria</i>	51
<i>Polycnemum</i>	47	Rattlesnake Fern	23	<i>Sanicula</i>	63, 80
<i>Polygala</i>	57, 58	Rattlesnake-plantain	42	SANTALACEAE	45
POLYGALACEAE	57	Red Cedar	25	<i>Saponaria</i>	48
POLYGONACEAE	46	Red Osier	63	<i>Sarracenia</i>	53
<i>Polygonatum</i>	40	Redtop	28	SARRACENIACEAE	53
<i>Polygonum</i>	46	Reed Canary Grass	31	<i>Sarsaparilla</i>	62
POLYPODIACEAE	25	RHAMNACEAE	59	<i>Satureja</i>	67
<i>Polypodium</i>	25	<i>Rhamnus</i>	59	<i>Saxifraga</i>	53, 54
<i>Polystichum</i>	25	<i>Rheum</i>	46	SAXIFRAGACEAE	53
Pondweed	26, 27, 80	<i>Rhododendron</i>	64	SAXIFRAGE FAMILY	53
PONDWEED FAMILY	26	Rhubarb	46	Scarlet Lychnis	48
<i>Pontederia</i>	39	<i>Rhus</i>	58	<i>Schizachne</i>	31
PONTEDERIACEAE	39	<i>Rhynchospora</i>	37	<i>Schizachyrium</i>	32
Poor-man's Pepper	52	<i>Ribes</i>	54	<i>Schoenoplectus</i>	38
Poplar	43	Rice Cut Grass	30	<i>Scilla</i>	40
Poppy	50, 51	Rice Grass	30	<i>Scirpus</i>	33, 38, 79
POPPY FAMILY	50	<i>Robinia</i>	57	Scouring-rush	22
<i>Populus</i>	43	Rock Cress	51	<i>Scrophularia</i>	69
<i>Portulaca</i>	48	Rock Polypody	25	SCROPHULARIACEAE	69
PORTULACACEAE	48	Rock Sandwort	48	<i>Scutellaria</i>	68
<i>Potamogeton</i>	26, 27, 80	ROCKROSE FAMILY	60	<i>Secale</i>	32
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<i>Potentilla</i>	55	<i>Rosa</i>	55	SEDGE FAMILY	33
Poverty Grass	29	ROSACEAE	54	<i>Sedum</i>	53
<i>Prenanthes</i>	76	Rose	55	<i>Selaginella</i>	22
Prickly Comfrey	67	ROSE FAMILY	54	SELAGINELLACEAE	22
Prickly Lettuce	76	Rose Pogonia	43	Seneca Snakeroot	58
Prickly-ash	57	Rose Twistedstalk	40	<i>Senecio</i>	76, 77
PRIMROSE FAMILY	64	Royal Fern	23	Sensitive Fern	25
<i>Primula</i>	64	RUBIACEAE	70	Serviceberry	54, 79
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<i>Proserpinaca</i>	62	<i>Rudbeckia</i>	77	Shadbush	54

Sheep Laurel	64	<i>Sporobolus</i>	32	<i>Taxus</i>	25
Sheep Sorrel	47	Spring-beauty	48	Tear-thumb	46
<i>Shepherdia</i>	61	Spruce	25	Teasel	72
Shepherd's-purse	51	Spurge	58	TEASEL FAMILY	72
Shinleaf	64	SPURGE FAMILY	58	<i>Teucrium</i>	68
Shore-plantain	70	Spurred-gentian	65	<i>Thalictrum</i>	50
<i>Sicyos</i>	72	Squirrel-corn	51	THELYPTERIDACEAE	23
Side-oats Grama	28	St. John's-wort	60	<i>Thelypteris</i>	23, 24
<i>Silene</i>	48	ST. JOHN'S-WORT FAMILY	60	Thimbleweed	49
Silverrod	77	<i>Stachys</i>	68	Thistle	74, 76
Silverweed	55	STAFF-TREE FAMILY	59	<i>Thladiantha</i>	72
<i>Sinapis</i>	53	Star-of-Bethlehem	40	<i>Thlaspi</i>	53
<i>Sisymbrium</i>	53	Starflower	65	Three-seeded Mercury	58
<i>Sisyrinchium</i>	40, 80	Steeplebush	56	Three-way Sedge	37
<i>Sium</i>	63	<i>Stellaria</i>	48, 49	<i>Thuja</i>	25
Skullcap	68	Stickseed	66	THYMELAEACEAE	61
Skunk-cabbage	38	Stinking Chamomile	73	<i>Thymus</i>	68
Sleepy Catchfly	48	Stinking Groundsel	77	<i>Tiarella</i>	54
Slender Wedge Grass	32	Stitchwort	48, 49	Tick-trefoil	56
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<i>Smilacina</i>	40	Strawberry	54	<i>Tilia</i>	60
<i>Smilax</i>	40	Strawberry-blite	47	TILIACEAE	60
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Snow-in-summer	48	<i>Stuckenia</i>	26, 27	Toadflax	45, 69, 79
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<i>Solanum</i>	68	SUNDEW FAMILY	53	Touch-me-not	59
<i>Solidago</i>	75, 77	Sundrops	62	TOUCH-ME-NOT FAMILY	59
Solomon's Seal	40	Sunflower	75	Tower Mustard	51
<i>Sonchus</i>	77	Swallow-wort	65	<i>Tragopogon</i>	78
<i>Sorbaria</i>	56	Swamp-candles	65	Trailing Arbutus	64
<i>Sorbus</i>	56	Swaying-rush	38	<i>Triadenum</i>	60
<i>Sorghastrum</i>	32	Sweet Cicely	63	<i>Triantha</i>	40
Sow-thistle	77	Sweet Coltsfoot	76	<i>Trichophorum</i>	38
SPARGANIACEAE	26	Sweet Flag	38	<i>Trichostema</i>	68
<i>Sparganium</i>	26	Sweet Gale	44	<i>Trientalis</i>	65
<i>Spartina</i>	32	Sweet Grass	30	<i>Trifolium</i>	40, 57, 80
Spearmint	67	Sweet William	48	<i>Triglochin</i>	27
Spearscale	47	Sweet-briar	55	Trillium	40
Spearwort	50	Sweet-clover	57	<i>Triodanis</i>	73
Speckled Alder	44	Sweet-fern	44	<i>Triosteum</i>	72
<i>Specularia</i>	73	Switch Grass	31	<i>Tripleurospermum</i>	78
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Spikemoss	22	<i>Symphytum</i>	67	<i>Tsuga</i>	25
SPIKEMOSS FAMILY	22	<i>Symplocarpus</i>	38	Tuberous Pea	57
Spikenard	62	<i>Syringa</i>	65	Tumble Mustard	53
Spike-rush	37	Tall Cord Grass	32	Tumbleweed	47
<i>Spiraea</i>	56	Tamarack	25	Turtlehead	69
<i>Spiranthes</i>	43	<i>Tanacetum</i>	78	<i>Tussilago</i>	78
<i>Spirodela</i>	38	Tansy-mustard	52	Twayblade	42
Spleenwort	24	<i>Taraxacum</i>	78	Twig-rush	37
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ULMACEAE	45	Water-hemlock	63	Wild Millet	30
<i>Ulmus</i>	45	WATER-LILY FAMILY	49	Wild Mint	67
UMBELLIFERAE	63	Water-marigold	73	Wild Oats	28
<i>Urtica</i>	45	Water-milfoil	62	Wild Parsnip	63
URTICACEAE	45	WATER-MILFOIL FAMILY	62	Wild Pea	56
<i>Utricularia</i>	70	Water-parsnip	63	Wild Raisin	72
<i>Uvularia</i>	40	Water-pepper	46	Wild Rice	32
<i>Vaccinium</i>	64	Water-plantain	27	Wild Rose	55
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<i>Valeriana</i>	72	WATER-STARWORT		Wild Strawberry	54
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<i>Vallisneria</i>	28	Water-willow	61	Willow	43, 44, 80
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<i>Verbascum</i>	69	WATERLEAF FAMILY	66	Winterberry	59
<i>Verbena</i>	67	Watermeal	38	Wintergreen	64
VERBENACEAE	67	Water-hemp	47	Witch Grass	31
<i>Veronica</i>	69, 70	Water-horehound	67	Wolfberry	71
Vervain	67	Water-lily	49	<i>Wolffia</i>	38
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<i>Viburnum</i>	72	Western Sage	73	Wood-betony	69
<i>Vicia</i>	57	Wheat	32	Wood-rush	39
<i>Vinca</i>	65	Wheat Grass	28, 29	Wood-sorrel	57
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<i>Viola</i>	60, 61, 80	White Cedar	25	Woodbine	80
VIOLACEAE	60	White Grass	30	<i>Woodsia</i>	25
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VIOLET FAMILY	60	White-snakeroot	73	Wool-grass	38
Virginia Chain Fern	24	Whitlow-grass	52	Wormseed Mustard	52
Virginia Creeper	59	Wild Apple	55	Wormwood	73
Virgin's-bower	49	Wild Bergamot	68	<i>Xanthium</i>	78
<i>Virgulus</i>	78	Wild Chervil	63	Yarrow	73
VITACEAE	59	Wild Comfrey	66	Yellow Alyssum	51
<i>Vitis</i>	59	Wild Cucumber	72	Yellow Flag	40
<i>Vulpia</i>	32	Wild Ginger	46	Yew	25
<i>Waldsteinia</i>	56	Wild Grape	59	YEW FAMILY	25
Walking Fern	24	Wild Iris	40	<i>Zanthoxylum</i>	57
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