



List of the Vascular Plants of Ontario's Carolinian Zone (Ecoregion 7E)

March 2017



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Introduction

This list of 2,545 vascular plants occurring in Ontario's Carolinian floristic zone (CZ; Ecoregion 7E) is based on a variety of sources, primarily the compilation of previous regional, county, and local floras and lists. The Carolinian Zone (also known as the Eastern Deciduous Forest Region) is Canada's most southerly region and contains a diverse flora and fauna including many species not found elsewhere in the province or country. The Carolinian Zone is also Canada's most densely populated region. Many natural habitats have been destroyed or degraded in the course of human activity. About 78% of the Carolinian Zone has been converted to agriculture (e.g. cropland and pasture), and developed land (e.g., urban areas and road networks) encompasses more than 7% (Crins *et al.* 2009). It is hoped that this list will support efforts to conserve and restore native species and natural habitats in the Carolinian Zone. We anticipate periodic updates and improvements to this list. Additions, corrections, and comments can be sent to the compiler at the Ontario Natural Heritage Information Centre.

Study Area

Ecoregion 7E occupies less than 0.25% of Canada's landmass, yet it provides habitat for over 40% of Canada's plant species and probably an equally large proportion of vertebrate and invertebrate fauna. At the same time, one quarter of Canada's human population lives in the region, which is the nation's industrial and economic heartland. As a result, extensive conversion to human land uses has occurred (Jalava *et al.* 2015). Across the region, 94% of upland forests were cleared during the period of European settlement. Some regeneration has occurred in recent decades, mainly in areas of marginal farmland. More than 70% of all pre-settlement wetlands were converted, and up to 99% of prairies and savannahs were lost over the same period. Natural cover now ranges from 28% in Norfolk County to only 6% in Chatham-Kent, and averages approximately 16% overall across the ecoregion (Jalava *et al.* 2015). About 78% of the ecoregion is farmed, while developed land (e.g., urban areas and road networks) encompasses more than 7% (Crins *et al.* 2009).

On a heavily-modified working landscape such as this, habitat fragmentation has reduced most natural areas to sizes much smaller than is required to maintain basic ecological functions and diverse, resilient biological communities. The high levels of land conversion in the Carolinian Zone mean that many of the essential ecological processes needed for healthy soils, clean water and clean air have in many areas been severely compromised (Jalava *et al.* 2015). A critical element in reversing these trends is ecological literacy. Recovery of healthy ecosystems requires knowledge of the biodiversity a landscape has the potential to support. It is hoped that this checklist will contribute to this knowledge, and encourage the conservation of native species and natural habitats in the Carolinian Zone.

The boundary of Ontario's Carolinian Zone with the ecoregion to its north (Ecoregion 6E) is based on climatic variables, elevation, surficial geological differences, and estimated net primary productivity (Hills 1959, Jalava *et al.* 1997, Baldwin *et al.* 1998, Crins *et al.* 2009). These features, and particularly climate, also coincide with floristic differences, as described by Fox

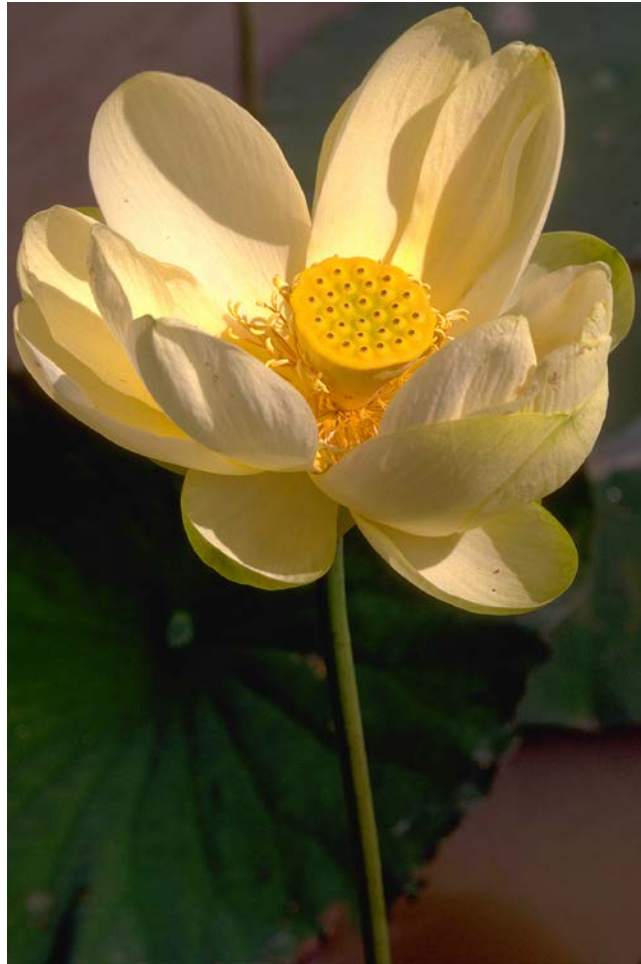
and Soper (1952, 1953, 1954), Soper (1956, 1962), and Thaler and Plowright (1973). Waldron (2003) discusses the history of the term “Carolinian”. The Carolinian Zone’s northern boundary roughly coincides with a line from Toronto to Grand Bend, which dips south in the middle towards Lake Erie. All of the Carolinian Zone lies south of 44 degrees North Latitude.



Pawpaw (*Asimina triloba*). Photo by W. D. Bakowsky.

The Carolinian Life Zone (Ecoregion 7E) is further divided into six ecodistricts (formerly known as ecological site districts), 7E-1 through 7E-6, based on a finer resolution assessment of physiography, soils and climate characteristics. At the southwest end of the Carolinian Zone is Ecodistrict 7E-1, covering all of Essex, the southern and western portions of Chatham-Kent, as well as the extreme southwest corner of Lambton County. This ecodistrict is largely underlain by the Lake St. Clair clay plains, with minor representation of till moraine, as well as major sand spits at Point Pelee and Rondeau. Overall, less than 7% natural cover remains in the ecodistrict, nearly half of it marsh (mainly at Point Pelee, Rondeau Bay and along the shores of Lake St. Clair). Ecodistrict 7E-1 once supported large areas of tallgrass prairie and savannah. It is estimated that when European settlers arrived in the 1700s, there were over 40,000 ha of prairie in the Essex County portion alone (Bakowsky 1993). Today a tiny fraction of the landscape is tallgrass prairie, with the best remnants now found at the Walpole Island (Bkejwanong) First Nation and at the Ojibway Prairie complex in Windsor. Small remnant patches of deciduous forest make up most of the remainder of the natural cover (Henson and Brodribb 2005). Ecodistrict 7E-1 nonetheless continues to support among the highest concentrations of globally rare species and communities in Ontario. Significant natural areas in

Ecodistrict 7E-1 include the aforementioned prairie sites, Point Pelee, Hillman Marsh, Big Creek Marsh, the Rondeau peninsula and marshes, the Lake St. Clair coastal marshes, Fish Point Nature Reserve and Stone Road Alvar on Pelee Island, as well as natural areas on the smaller islands of western Lake Erie. Less than 2% of the ecodistrict is protected in regulated parks, conservation areas and private nature reserves (Jalava *et al.* 2015). This is among the lowest proportions of protected areas of any region in Ontario (Henson and Brodribb 2005). There has been a recent positive trend in natural cover in Ecodistrict 7E-1, particularly in Essex, thanks to the ecological restoration efforts of the local conservation authorities and other conservation groups. Floristically, Ecodistrict 7E-1 is exceptional, with many species having southern or prairie affinities and found nowhere else in Canada.



American Lotus (*Nelumbo lutea*). Photo M. J. Oldham.

To the east and north is Ecodistrict 7E-2, the largest ecodistrict in the Carolinian Zone, extending from Grand Bend on Lake Huron southeast to Long Point on Lake Erie and northeast to the Ancaster area near Hamilton. The ecodistrict includes almost all of Lambton, Elgin and Norfolk counties, as well as the western half of Middlesex, the northeastern third of Chatham-Kent, and small portions of Huron, Oxford, Brant, Haldimand and Hamilton. The ecodistrict is mainly sand plain, with some kame moraine. Approximately 16% of the ecodistrict remains

naturally-vegetated, most of this being sand plain deciduous forest, with relatively minor components of clay plain deciduous forest and till plain forest complexes (Henson and Brodribb 2005). Less than 2% of the ecodistrict is wetland, with two-thirds of this being swamp. While only approximately 0.25% (~2,400 ha) of the ecodistrict is prairie and savannah, this represents close to two-thirds of the total area of all remaining prairie in southern Ontario.



Short-stemmed Iris (*Iris brevicaulis*). Photo M.J. Oldham.

Eighty percent of Ecodistrict 7E-2 is farmed, while less than 2% has been developed for residential, industrial or infrastructural uses (Henson and Brodribb 2005). Despite the widespread conversion to agriculture, Ecodistrict 7E-2 remains biologically diverse, with among the highest numbers of globally rare species and communities in Ontario (Henson and Brodribb 2005). This is partly because the ecodistrict includes several of the largest and most intact natural areas in the Carolinian Zone. These include Long Point, the Big Creek coastal wetland, Turkey Point and Backus Woods in Norfolk County, and the Pinery Provincial Park to Kettle and Stony Point First Nation area along the Lake Huron shoreline. Many smaller but also highly significant sites occur on the intervening landscape, including Skunks Misery, various sites along the Thames (notably at First Nations such as Delaware Nation and Chippewas of the Thames) and Sydenham rivers, Clear Creek Forest in Chatham-Kent, as well as numerous relatively intact ravine systems along the Lake Erie coast in Elgin County. Major acquisitions of conservation lands have been made in the Long Point area in recent years, primarily by the Nature

Conservancy of Canada, but the overall percentage of protected area in the ecodistrict remains very low at just over 2% (Henson and Brodribb 2005). Of particular floristic interest in Ecodistrict 7E-2 are prairie-associates like Colicroot (*Aletris farinosa*), Bluehearts (*Buchnera americana*), Gray-headed Prairie Coneflower (*Ratibida pinnata*), Small White Lady's-slipper (*Cypripedium candidum*), Dense Blazing Star (*Liatris spicata*) and Riddell's Goldenrod (*Solidago riddellii*), dune and shoreline species such as Pitcher's Thistle (*Cirsium pitcheri*) and Bushy Cinquefoil (*Potentilla supina*), and a broad range of Carolinian deciduous forest taxa such as Cucumber Tree (*Magnolia acuminata*), Pawpaw (*Asimina triloba*), False Rue-anemone (*Enemion biternatum*), Goldenseal (*Hydrastis canadensis*) and many others.



Broad Beech Fern (*Phegopteris hexagonoptera*). Photo S. R. Brinker.

The relatively narrow Ecodistrict 7E-3 follows the Niagara Escarpment from the Niagara River west through Hamilton north to the limit of the Carolinian Zone north of Milton. The ecodistrict includes shallow till moraines along the escarpment rim, and the Iroquois Plain and Lake

Ontario shorelines below the escarpment. The western edge of the ecodistrict includes Niagara Escarpment-influenced till moraines, spillways, and sand plains at the transition to the Flamborough Limestone Plains west of Hamilton (Henson and Brodribb 2005, Jalava *et al.* 2010). Approximately 19% of Ecodistrict 7E-3 remains naturally-vegetated, most of it as forest (Henson and Brodribb 2005). These forest complexes are predominantly deciduous, although Eastern Hemlock (*Tsuga canadensis*) and Eastern White Cedar (*Thuja occidentalis*) stands occur on cooler north-facing slopes of the escarpment. Of the remaining natural cover, 10% is wetland, mostly of it wooded swamp (Henson and Brodribb 2005). Significant coastal marshes are found at Coote's Paradise in Hamilton, and at the outlets of creeks in the St. Catharines area. Sixty percent of the ecodistrict has been converted to agriculture, with nearly 50% being developed agricultural lands, and another 10% as pastures and abandoned fields. At least 20% of the ecodistrict is now residential, commercial or industrial, mainly in the larger urban centres of Hamilton and St. Catharines (Henson and Brodribb 2005, Jalava *et al.* 2010). Approximately 4% of Ecodistrict 7E-3 is publicly protected in parks and conservation areas, with the Niagara Escarpment Plan area, Areas of Natural and Scientific Interest, and Provincially Significant Wetlands providing policy protection to an additional 4% of the land area. Significant natural areas in Ecodistrict 7E-3 include the Niagara Glen and numerous sites along the almost continuously-vegetated Niagara Escarpment (e.g., Fifteen – Sixteen Mile Creek Valleys, Jordan Valley, Beamer, Dundas Valley, Spencer Gorge, Waterdown Woods, Mount Nemo, Crawford Lake – Milton Outlier Valley, and Halton Forest South), Coote's Paradise (one of the most significant coastal wetlands on Lake Ontario), and the rich kame forests in the Short Hills - Fonthill area.

Ecodistrict 7E-3 is home to a remarkable diversity of southern vegetation, flora and fauna, comparable to that of 7E-1 and 7E-2, with many species occurring at the northern limits of their ranges. Southern vegetation types include forest stands dominated by Chinquapin Oak (*Quercus muehlenbergii*) and Pin Oak (*Q. palustris*), as well as Sugar Maple (*Acer saccharum*) – Tulip Tree (*Liriodendron tulipifera*), Sugar Maple – Red Elm (*Ulmus rubra*), Sycamore (*Platanus occidentalis*), Shagbark Hickory (*Carya ovata*), Black Walnut (*Juglans nigra*), and Eastern Cottonwood (*Populus deltoides*). Other notable southern trees include Cherry Birch (*Betula lenta*), Swamp White Oak (*Quercus bicolor*), American Chestnut (*Castanea dentata*), Eastern Flowering Dogwood (*Cornus florida*), Red Mulberry (*Morus rubra*), Pawpaw (*Asimina triloba*), Tulip-tree, Cucumber Tree, Pignut Hickory (*Carya glabra*), Pumpkin Ash (*Fraxinus profunda*) (recently discovered in the area), Shellbark Hickory (*Carya laciniosa*), Sassafras (*Sassafras albidum*) and Common Hop-tree (*Ptelea trifoliata*), as well as shrubs such as Deerberry (*Vaccinium stamineum*), Early Lowbush Blueberry (*V. pallidum*), and several hawthorn species (*Crataegus* spp.) (Jalava *et al.* 2010). A great many southern herbaceous plants, sedges, and grasses also reach their northern limits in the ecodistrict (Riley *et al.* 1996).



Drooping Trillium (*Trillium flexipes*). Photo C. D. Jones.

Ecodistrict 7E-4 occupies the northeastern end of the Carolinian Zone, overlapping with the City of Toronto, Peel Region, Halton Region, York Region and a very small sliver of Durham Region. The ecodistrict is bounded by the Oak Ridges Moraine in the north, Lake Ontario in the south, and the Rouge Valley in the east. Well over 50% of the ecodistrict has been converted to residential, industrial, commercial and infrastructure uses, while more than a third is devoted to agriculture (Henson and Brodribb 2005). Less than 6% of the ecodistrict remains as natural cover, of which approximately 90% is forest. Today, less than 0.5% of Ecodistrict 7E-5 is wetland, most of it swamp, and native prairie has been almost entirely extirpated (Henson and Brodribb, 2005). Approximately 6% of the ecodistrict is conservation lands, of which conservation authorities have secured nearly 60% (Henson and Brodribb 2005). The majority of remaining natural areas in Ecodistrict 7E-4 are ravine systems associated with the river systems that flow into Lake Ontario from headwaters on the Oak Ridges moraine. From west to east, these include Bronte Creek, Credit River, Humber River, Don River, Highland Creek and Rouge River. Coastal wetlands have largely been converted to human use, with natural remnants at Rattray Marsh and at the mouths of the Humber and Rouge rivers. A number of small natural and quasi-natural areas are found along the Lake Ontario shoreline, with larger examples at Toronto Island and Tommy Thompson Park (the latter having been constructed entirely from landfill). As the northernmost ecodistrict in the Carolinian Zone, Ecodistrict 7E-4 has a transitional character floristically, with species and vegetation types (e.g., stands dominated by

species like Eastern White Pine (*Pinus strobus*), Yellow Birch (*Betula alleghaniensis*), and Eastern Hemlock) that become much more prevalent in Ecoregion 6E to the north (Varga *et al.* 1991). The ecodistrict sustains far fewer notable Carolinian plant species than ecodistricts to the south and west; one of the few being Bashful Clubrush (*Trichophorum planifolium*), which was recently extirpated from the Rouge Valley.

Ecodistrict 7E-5 consists of the Haldimand Clay Plain, which was originally included in Ecodistrict 7E-2 by Hills (1959). The ecodistrict includes all of Haldimand County, virtually all of Niagara south of the Niagara Escarpment, the southern half of Hamilton, the southeastern third of Brant, and the eastern fringe of Norfolk. Major waterways include the Grand River (which flows into Lake Erie and bisects the western part of the ecodistrict), the Welland River (flowing east into the Niagara River from south of Hamilton), and the Niagara River, which forms the ecodistrict's eastern boundary. Ecodistrict 7E-5 has an interesting physical geography, with a mix of heavy clay, small areas of exposed limestone pavement and limestone karst topography (Macdonald 1980). The ecodistrict's varied habitats range from forests and woodlands to tallgrass prairie, swamp forests, marshes, and an extensive stretch of the Lake Erie coastline. Overall, nearly 22% of Ecodistrict 7E-5 remains in natural cover, of which over 80% is clay plain forest. Only slightly over 3% of the ecodistrict is wetland (primarily treed swamp, as well as an extensive peatland at Wainfleet Bog). Small examples of prairie and alvar communities also occur. Over 65% of the ecodistrict is in cash crops, while 9% is pasture and abandoned fields. Just under 3% of the ecodistrict is urban and associated developed lands, including the cities of Niagara Falls and Fort Erie (Henson and Brodribb 2005). Less than 1% of the ecodistrict has been secured as conservation areas and provincial parks, while an additional 3% receives a degree of policy protection as provincially significant wetlands or life science ANSIs (Henson and Brodribb 2005). Significant natural areas in Ecodistrict 7E-5 include the Dunnville Marshes, North Cayuga Slough Forests, Caistor-Canborough Slough Forests, Oriskany Sandstone woodlands, and tracts of Carolinian forest at Six Nations of the Grand River. Wainfleet Bog is the most extensive peatland in southwestern Ontario with a diversity of floristic and faunal elements not reported elsewhere in southern Ontario (Macdonald 1992, Thompson *et al.* 2001). Floristically, the ecodistrict sustains populations of notable Carolinian taxa such as Green Dragon (*Arisaema dracontium*), American Chestnut, Cucumber Tree, Common Hop-tree, Swamp Rose Mallow (*Hibiscus moscheutos*), Virginia Mallow (*Sida hermaphrodita*), Round-leaved Greenbrier (*Smilax rotundifolia*), and many others.

Ecodistrict 7E-6 covers the north-central portion of the Carolinian Zone. It includes the southeast portion of Middlesex, the southern half of Oxford, the northeastern corner of Elgin and the northwestern fringe of Brant. Its physiography consists mainly of till plains, till moraines and glacial spillways, and it is bisected by two major branches of the Thames River, with their confluence in the City of London. The ecodistrict also includes the upper portions of several major streams that flow into Lake Erie through Elgin County. Approximately 13% of Ecodistrict 7E-6 remains naturally-vegetated, most of it being deciduous forest (9%) on till moraine and, to a lesser extent, till plain. Only 3.5% of the ecodistrict is wetland, the great majority being wooded swamp. Small but significant community types include a few bogs and fens (e.g., Sifton Bog in London), as well as a few prairie and savannah remnants, notably in the Paris, Komoka

and Chippewas of the Thames First Nation areas. Approximately 80% of Ecodistrict 7E-6 has been converted to agricultural use, with only about 1% being pasture or abandoned field (Henson and Brodribb 2005). Even though Canada's eleventh largest city, London, is situated entirely within the ecodistrict, lands developed for urban and infrastructure occupy less than 1% of the overall land area. Less than 1.5% of the ecodistrict has been secured as parks and conservation areas, while another 3% or so receive policy protection as provincially significant ANSIs and wetlands (Henson and Brodribb 2005). Floristically, the vegetation of Ecodistrict 7E-6 displays transitional elements with Ecoregion 6E to the north, but it nevertheless has significant populations of rare Carolinian specialties like Green Dragon, False Hop Sedge (*Carex lupuliformis*), Eastern Flowering Dogwood, False Rue-anemone, Blue Ash (*Fraxinus quadrangulata*), Crooked-stem Aster (*Symphotrichum prenanthoides*) and Wood-poppy (*Stylophorum diphyllum*), and an array of more common southern taxa.



American Water-willow (*Justicia americana*). Photo W. D. Bakowsky.

For the purposes of this list the Carolinian Zone has been divided into 11 areas, most of which are counties or regional municipalities. The counties of Essex (including Pelee Island and adjacent smaller islands in western Lake Erie), Lambton, Elgin, Haldimand-Norfolk, Brant (except for a very small portion, <1%, in the northeast corner), and the municipalities of Chatham-Kent (formerly Kent County) and Niagara (formerly Lincoln and Welland Counties) are

entirely within the Carolinian Zone. Most of Middlesex County and the City of Hamilton lie in the Carolinian Zone. Almost half of Oxford County is in the Carolinian Zone and is included in this list (though some species listed for the county may only occur in the non- Carolinian Zone portion). Although Haldimand-Norfolk County has now been administratively split into Haldimand County and Norfolk County, there is no recent vascular plant list for the two separated counties, so the older Haldimand-Norfolk area has been used. Small southern portions of Huron County and the Regional Municipality of Waterloo are also in the Carolinian Zone; these counties are not covered in this list and there are no additional native species known from the Carolinian Zone portions of these counties which are not already included in the list. On some Carolinian Zone maps (e.g. Allen *et al.* 1990, Waldron 2003) southern Wellington County is considered to be in the Carolinian Zone, though none of Wellington County is in Ecoregion 7E.



Ohio Buckeye (*Aesculus glabra*). Photo M. J. Oldham.

In the eastern part of the Carolinian Zone instead of using county/municipality boundaries the list identifies species reported from the area defined by Ecodistrict 7E-4. Ecodistrict 7E-4 includes all of Metro Toronto and the southern portions of the regions of Peel, Halton, and York Regions. A very small portion of western Durham Region is also in Ecodistrict 7E-4. A narrow, north-south sliver of Ecodistrict 7E-3 in Halton Region is included in Ecodistrict 7E-4 for the purposes of this list. See Figure 1 for a map showing the Carolinian Zone boundary in relation to county and ecodistrict boundaries and Table 1 for figures on the area and proportion in the Carolinian Zone of each list area.

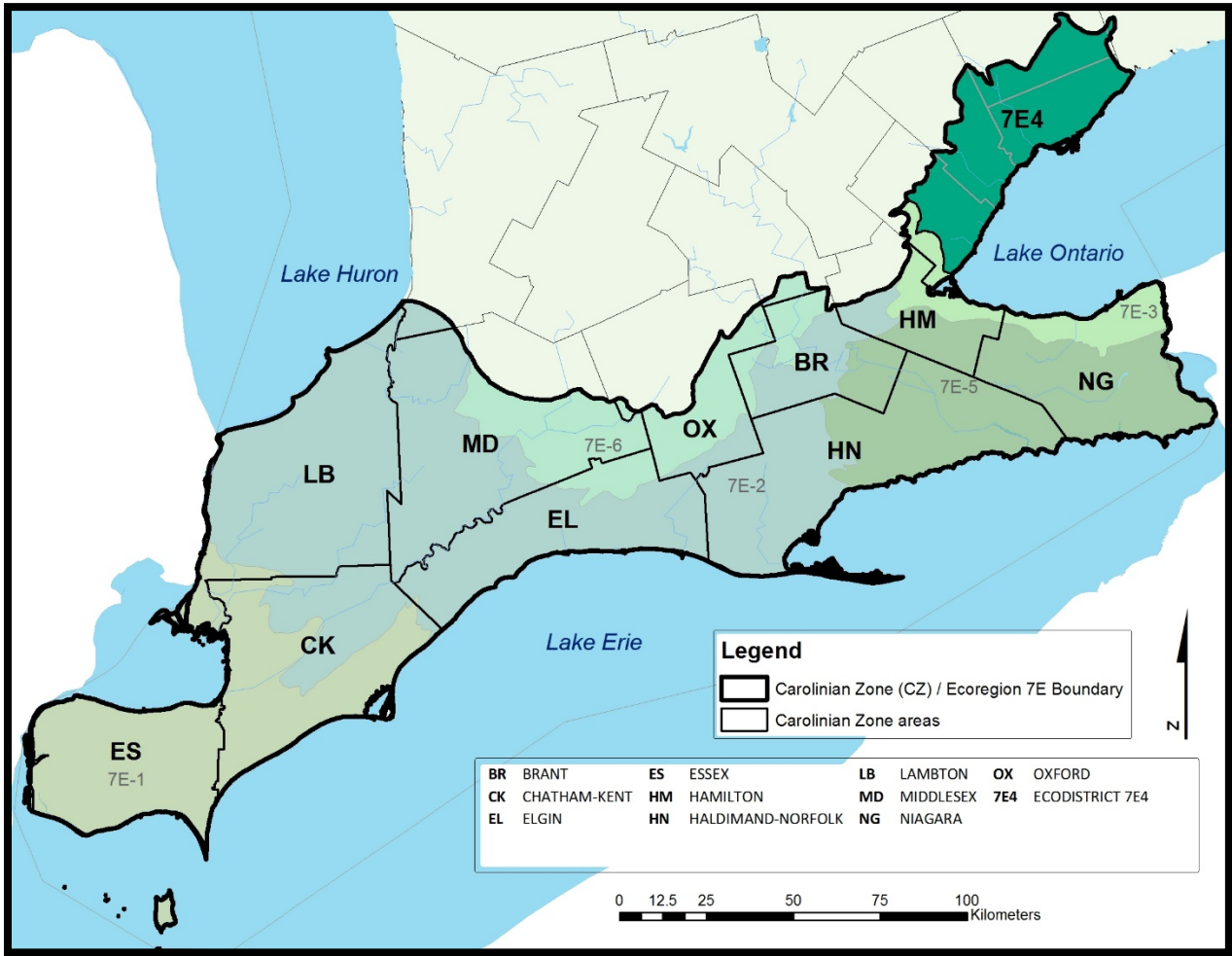


Figure 1. Carolinian Zone map showing list areas (mostly counties) and ecodistricts (colour shaded).

Table 1. Counties and municipalities (and Ecodistrict 7E-4) in and adjacent to the Carolinian Zone.

Areas highlighted in green are entirely in the Carolinian Zone, areas in yellow are partly in the Carolinian Zone and included in the list, areas not highlighted are excluded from the list.

County or Regional Municipality	CZ List Code (Figure 1)	Total Area (km ²)	Area in CZ (km ²)	% in CZ
BRANT	BR	1122.9	1114.2	99.2
CHATHAM-KENT	CK	2553.2	2553.2	100
DURHAM	excluded	2588.6	11.3	0.4
ELGIN	EL	1900.4	1900	100
ESSEX	ES	1850.7	1850.7	100
HALDIMAND-NORFOLK	HN	3025.7	3025.7	100
HALTON	(partly in 7E4)	963.5	545.4	56.6
HAMILTON	HM	1151	806.3	70.1
HURON	excluded	3433	109.7	3.2
LAMBTON	LB	3037.8	3037.8	100
METRO TORONTO	(entirely in 7E4)	640.5	640.5	100
MIDDLESEX	MD	3318.8	2656.9	80.1
NIAGARA	NG	1869.1	1869.1	100
OXFORD	OX	1995.9	863	43.2
PEEL	(partly in 7E4)	1245.3	455.3	36.6
PERTH	excluded	2189.9	0	0
WATERLOO	excluded	1396.1	72.3	5.2
WELLINGTON	excluded	2700.3	0	0
YORK	(partly in 7E4)	2092	407.3	19.5
ECODISTRICT 7E-4	7E4	1911	1911	100

History

The primary source for this Carolinian Zone list is the draft publication “Distribution and Status of the Vascular Plants of Southwestern Ontario” (Oldham 1993). It was based on a compilation of county floras and regional lists covering the former Ontario Ministry of Natural Resources Southwest Region. A similar list (Riley 1989) covers counties in the eastern portion of the Carolinian Zone. This Carolinian Zone list was updated from Oldham (1993) and Riley (1989) by incorporating new information from more recent county and regional floras and lists (e.g. Goodban 2014, Oldham 2010, Tiedje and Tiedje 2010, Varga *et al.* 2000), fieldwork in the Carolinian Zone, herbarium searches, and personal communications with botanists knowledgeable with the Carolinian Zone flora. The author’s 43,214 databased Carolinian Zone vascular plant records (including 14,045 specimen records) from all Carolinian Zone list areas between 1980 and 2016 were also used.

No previous complete list of vascular plants in Ontario's Carolinian Zone has been compiled, though W. Sherwood Fox and James H. Soper produced lists of Carolinian trees and shrubs (Fox and Soper 1952, 1953, 1954), families (Soper 1955), and genera (Soper 1962). Gary R. Thaler studied the floristic zone concept with special reference to the northern limit of the Carolinian Zone in southern Ontario (Thaler 1970, Thaler and Plowright 1973). Oldham (1990) produced a list of provincially rare plants occurring in the Carolinian Zone and Lindsay (1982) and Line *et al.* (2000) examined the representation of rare plants in Carolinian Zone provincial and national parks. The Carolinian Zone boundary used in this list is based on Ecoregion 7E (the Lake Erie-Lake Ontario Ecoregion of the Mixedwood Plains Ecozone) of Jalava *et al.* (1997) and Crins *et al.* (2009).

The pre-1997 ecoregional boundary dipped considerably less to the south in the Huron-Perth-Middlesex-Lambton area than the current boundary does (a sliver of Perth County was in Ecoregion 7E prior to the revision). Also, the original mapping by Hills (1959) included ecodistricts along the north shore of Lake Ontario (formerly part of 7E-4, now 6E-13) and Prince Edward County (formerly 7E-5, now 6E-15) in the Carolinian Zone (Ecoregion 7E).

As long ago as the 1800s Ontario's Carolinian Zone was recognized as an area of exceptional floristic diversity with many rare plant species (Logie 1861, Saunders 1863, Burgess 1888-1889, Macoun 1893). Argus (1992) examined the distribution of rare Ontario plants and confirmed that the Carolinian Zone had both the highest number of rare plant species of any area in the province as well as the most presumed extirpated species. 216 native vascular plant species are restricted in their Ontario distribution to the Carolinian Zone, of which 35 are known in the Carolinian Zone (and Ontario) only from old records (generally >30 years). An additional 226 native species have most of their Ontario distribution and population within the Carolinian Zone but are found in a few areas either immediately north of the Carolinian Zone boundary or sometimes elsewhere in southern Ontario, particularly the Maitland River Valley (Huron County), the southern Georgian Bay area, or southeastern Ontario near the St. Lawrence River, all areas known for concentrations of otherwise Carolinian species (Cody 1982, Brownell *et al.* 1994). In the list "CZ RESTR" column, plants with a "CZ" have all of their native Ontario populations within Ecoregion 7E and plants with a "cz" have roughly 90% or more of their native Ontario populations in Ecoregion 7E.

Overview

This list includes 2,545 vascular plant taxa consisting of 2,359 species, 31 additional subspecies, 36 additional varieties, and 88 named hybrids (hybrids without a binomial name are not included) known to occur (or have occurred) outside cultivation in the Carolinian Zone. These taxa are included in 834 genera and 156 families. Of the 2,545 species, subspecies, and varieties, 937 (36.8%) are considered exotic (or introduced, non-native) in the Carolinian Zone (i.e. deliberately or accidentally introduced to the Carolinian Zone by humans; in blue font in the list). Hybrids are not assigned a native, introduced, or rarity status. Of the 1,520 native Carolinian Zone species, subspecies, and varieties, 823 (54.1%) are considered rare in the Carolinian Zone and 88 (5.8%) are known in the Carolinian Zone only from historic records (generally >30 years) and may be extirpated.

Despite only occupying 2.2% of the area of Ontario, the Carolinian Zone contains 71.9% of its vascular plant species, emphasizing the high biological richness of the Carolinian Zone relative to other areas of the province. 63.5% of Ontario’s native vascular plants and 82.0% of its introduced vascular plants occur in the Carolinian Zone. The Carolinian Zone is especially significant for the conservation of the province’s rare flora and fauna. 59.8% (446 species) of Ontario’s vascular plants of provincial conservation concern (i.e. tracked by NHIC) occur in the Carolinian Zone, although 15 of these are considered non-native in the Carolinian Zone (*Aristida dichotoma*, *Artemisia dracunculus*, *Carex parryana*, *Carex praticola*, *Dalea purpurea*, *Euphorbia serpilifolia*, *Juncus longistylis*, *Mirabilis nyctaginea*, *Myosurus minimus*, *Opuntia fragilis*, *Pascopyrum smithii*, *Potentilla pensylvanica*, *Spergularia salina*, *Suaeda calceoliformis*, *Symphotrichum ciliatum*). 85.7% legally listed vascular plant Species At Risk (SAR) occur in the Carolinian Zone. See Table 2 for further information.

Table 2. Ontario vascular plant totals compared to Carolinian Zone totals.

	Ontario	Carolinian Zone
area (km ²)	992,184	21,858 (2.2%)
total taxa	3,535	2,545 (71.9%)
introduced taxa	1,142	937 (82.0%)
hybrids	205	88 (42.9%)
provincial conservation concern	744	446 (59.8%)
Species At Risk	77	66 (85.7%)

The amount and currency of floristic information for Carolinian Zone areas varies considerably. Some areas have had several floras or lists produced (e.g. Lambton – Dodge 1914b, Gaiser 1966, Tiedje and Tiedje 2010) while other areas are more poorly known and have no comprehensive list or flora (e.g. Chatham-Kent, Brant, Oxford). For some areas a relatively recent list is available (e.g. Hamilton – Goodban 2014; Niagara – Oldham 2010) in other cases the most recent compilation is several decades old. Varga (1983), Varga and Allen (1990), and Riley *et al.* (1997) summarize the floristic and natural heritage information available for Carolinian Zone areas and provide additional references.

Most of the records included in this list are supported by specimens in regional herbaria, however users of this list should be cautioned that not all specimens or county reports were verified by the author or an expert botanist and in some cases county presence may be based on sight records or be in error. An effort has been made to examine at least one herbarium

specimen of each species reported for the Carolinian Zone, but specimens of a few rare species, particularly exotics, have not been personally examined.

Status

An attempt has been made, where possible, to indicate status (rarity) in each of 11 areas in the Carolinian Zone (counties and regional municipalities plus Ecodistrict 7E-4), based on previous lists, personal communications, and the authors' knowledge of the Carolinian Zone flora. An overall status in the Carolinian Zone is provided based on status in each of the 11 areas and general knowledge of the Carolinian Zone flora.

For a native plant "species" (including subspecies and varieties, but not hybrids) to be considered rare (R) in the Carolinian Zone it has to be rare or known only from old records (H; historic, generally no records in >30 years) in more than half of the Carolinian Zone areas (i.e. 6 or more), or if R or H in fewer than six areas it has to be uncommon (U) or common (C) in no more than one Carolinian Zone area. To be considered H in the Carolinian Zone (known only from historic records, generally >30 years), a native species has to be H in all areas where it is considered native and has been ranked. Species uncommon (U) in the Carolinian Zone are those ranked common (C) in no more than one area and are not R or H in six or more areas. To be considered common (C) in the Carolinian Zone a species has to be C in at least two areas and not R or H in six or more areas. In a few cases, based on professional opinion, Carolinian Zone status ranks departed from the above criteria, particularly if the species is not ranked (i.e. X) in at least four areas. A few species (9) whose status in the Carolinian Zone is poorly known (often due to similarity to other plants) are ranked X (i.e. present and native, but no rank assigned). See Table 3 for definitions of Carolinian Zone status categories and Table 4 for totals of Carolinian Zone status categories and status in individual list areas.

Table 3. Definitions of Carolinian Zone status categories for native species.

CZ Status	Definition
H	Historic. Native in all Carolinian Zone areas and no known records for at least 30 years in all areas where native and ranked (i.e. not X). Occasionally used for a native species known to be extirpated from its only known Carolinian Zone location(s).
R	Rare. Native to the Carolinian Zone and (a) rare (as defined in source lists; sometimes including "very uncommon") or historic (no records in ≥ 30 years) in more than half of the Carolinian Zone areas (≥ 6) in which it is native and ranked (i.e. not X); or (b) if rare or historic in < 6 areas it must be uncommon or common in no more than one area.

CZ Status	Definition
U	Uncommon. Native in the Carolinian Zone and (a) listed as common in no more than one Carolinian Zone area; and (b) not rare or historic in more than half of the Carolinian Zone areas (≥6) in which it is native and ranked (i.e. not X).
C	Common. Native in the Carolinian Zone and (a) common in at least two Carolinian Zone areas; and (b) not rare or historic in more than half of the Carolinian Zone areas (≥6) in which it is native and ranked (i.e. not X).
X	No status. Present and native in the Carolinian Zone but no status assigned because of lack of information, often due to confusion with similar species.
note	In a few cases, based on professional opinion, Carolinian Zone status ranks departed from the above criteria, particularly if the species is not ranked (i.e. X) in at least four Carolinian Zone areas.

For an introduced (non-native, exotic) species to be included in the list it needs to be established (or formerly established) outside of cultivation in the Carolinian Zone. It is not always easy to determine whether or not a species is established outside of cultivation, particularly based only on literature records and/or herbarium specimens. In general the guidelines of Reznicek (1984) have been followed when deciding whether to include or exclude an introduced species. In almost all cases I have also required that there is at least one reliably identified herbarium specimen from the Carolinian Zone housed in an institutional herbarium for inclusion of a species in the list. The following species not included in the list are reported from the Carolinian Zone (sometimes via personal communications) but specimen documentation and/or evidence of their establishment outside cultivation is not yet available (some can potentially be included in future updates): *Buddleja weyeriana* (ES), *Buxus sempervirens* (7E4), *Carpinus betulus* (7E4), *Corydalis intermedia* (7E4), *Corylus maxima* (7E4), *Cryptotaenia japonica* (7E4), *Eutrochium fistulosum* (7E4), *Geranium macrorrhizum* (7E4), *Glyceria plicata* (HM), *Hibiscus syriacus* (ES, 7E4), *Hordeum marinum* (7E4), *Hosta ventricosa* (7E4), *Hydrangea macrophylla* (7E4), *Juglans ailantifolia* (7E4), *Juniperus chinensis* (7E4), *Juniperus x pfitzeriana* (7E4), *Koeleruteria paniculata* (7E4), *Lepidium aucheri* (7E4), *Malus x robusta* (7E4), *Nigella damascena* (7E4), *Oenanthe javanica* (7E4), *Oenothera macrocarpa* (7E4), *Poa chaixii* (7E4), *Primula bulleyana* (7E4), *Prunus japonica* (7E4), *Prunus padus* (7E4), *Prunus serrulata* (7E4), *Rorippa austriaca* (7E4), *Rosa glauca* (7E4), *Rumex conglomeratus* (MD), *Scrophularia nodosa* (7E4), *Senecio sylvaticus* (7E4), *Solanum melongena* (7E4), *Symphotrichum novi-belgii* (HN), *Tanacetum coccineum* (7E4), *Tilia x flavescens* (7E4), *Torilis arvensis* (7E4), *Trillium cuneatum* (7E4), *Trillium discolor* (7E4), *Tulipa x hybrida* (7E4), *Veronica austriaca* ssp. *vahlilii* (HM), *Viburnum sieboldii* (7E4), and *Xanthisma texanum* (HN).

Status in the 11 individual Carolinian Zone area columns was largely determined from source lists (see 7.0 Information Sources, below), often updated from more recent information

gleaned from herbarium searches, local studies (e.g. park lists, Area of Natural and Scientific Interest, ANSI, inventories), fieldwork by the author, and personal communications with Carolinian Zone botanists. In some cases status categories in source lists were collapsed to fit the categories used in this list (e.g. VU, very uncommon, was typically included with R, rare). See individual area source documents for definitions of area status categories which sometimes differ between areas. Table 4 shows the total number and breakdown by status of vascular plants for the Carolinian Zone and each of the 11 areas.

Legislation has been enacted at the federal and provincial level to assist in the protection and recovery of Species at Risk (SAR). SAR are identified at the federal level by the Committee on the Status of Endangered Wildlife in Canada (COSEWIC) protected under the federal Species at Risk Act (SARA). Provincially the Committee on the Status of Species at Risk in Ontario (COSSARO) identifies SAR which are protected under the Ontario Endangered Species Act, 2007 (ESA). The red font in this list indicates 66 native Carolinian Zone plants that are legally listed SAR both provincially and federally.

431 native Carolinian Zone species are considered to be of provincial conservation concern (“provincially rare”; bolded in the list) and are tracked by the Ontario Natural Heritage Information Centre (NHIC). An additional 15 species native to Ontario and tracked by NHIC occur in the Carolinian Zone but are considered introduced in the Carolinian Zone.

Table 4: Vascular plant status in the Carolinian Zone and individual list areas.

			Introduced, native, hybrid			Status						Ontario status		CZ Restricted	
Code	CZ area (km ²)	Total species	I	N	hyb	C	U	R	H	X	?	SAR	NHIC	CZ	cz
CZ	21858.0	2545	937	1520	88	389	209	823	88	11	0	66	446	214	230
ES	1850.7	1555	469	1086	30	310	116	548	82	19	32	37	271	150	196
CK	2553.2	1285	341	932	12	1	6	515	13	391	6	25	172	73	169
LB	3037.8	1689	454	1199	36	26	0	632	92	413	36	36	232	104	190
MD	2656.9	1598	510	1060	28	145	54	474	34	345	8	27	174	63	169
EL	1900.0	1460	432	1002	26	207	104	443	22	205	20	24	151	56	173
OX	863.0	985	288	688	9	0	0	32	8	644	4	10	39	11	57
HN	3025.7	1593	426	1131	35	436	281	363	37	11	4	28	200	72	192
BR	1114.2	1214	313	889	12	317	102	308	6	130	26	15	102	27	130
NG	1869.1	1738	594	1125	19	275	184	450	176	24	16	30	207	70	186
HM	806.3	1531	549	953	29	472	118	329	24	7	3	15	102	28	144
7E4	1911.0	1708	697	973	38	193	99	515	139	17	10	14	114	32	141

Taxonomy and Nomenclature

The taxonomy and nomenclature used in this list follows that of the Ontario Natural Heritage Information Centre (NHIC; see <https://www.ontario.ca/page/get-natural-heritage-information>), which generally follows VASCAN (Brouillet *et al.* 2010+). In a few cases other sources are followed, particularly Haines (2011), Reznicek *et al.* (2011), and Voss and Reznicek (2012). Scientific name authors, synonyms, and higher taxonomy can be found in VASCAN, which uses the Flora of North America (FNA) as its primary taxonomic reference. The sequence of pteridophyte (ferns and fern allies) families in the Carolinian Zone list follows Christenhusz *et al.* (2011a); the sequence of gymnosperm (conifer) families follows Christenhusz *et al.* (2011b); and the sequence of angiosperm (flowering plant) families follows Haston *et al.* (2009).



Eastern False Rue-anemone (*Enemion biternatum*). Photo by M. J. Oldham.

Table 5: Codes and formatting used in Carolinian Zone vascular plant list.

blue font	introduced (exotic, non-native); for species names refers to provincial exotic status; for CZ and county columns refers to introduced in that area
red font	Species At Risk (COSEWIC and/or SARO)
bold font	rare; either of provincial conservation concern in Ontario (NHIC tracked) or rare at CZ or area level (R or H)
salmon	Carolinian Zone (CZ) status and distribution
CZ	Carolinian Zone status (see below)
CZ RESTR	restricted in Ontario as a native species to the Carolinian Zone (=CZ) or nearly restricted (approximately 90%+ of records) in Ontario as a native species to the Carolinian Zone (=cz)
green	presence/absence and status in Carolinian Zone areas (see status codes below)
ES	Essex County
CK	Municipality of Chatham-Kent (formerly Kent County)
LB	Lambton County
MD	Middlesex County (including City of London)
EL	Elgin County
OX	Oxford County
HN	Haldimand-Norfolk County (now split into Haldimand County and Norfolk County)
BR	Brant County
NG	Niagara Regional Municipality
HM	City of Hamilton (formerly Hamilton-Wentworth County)
7E4	Ecodistrict 7E4 (comprising the City of Toronto, and southern portions of York, Peel, and Halton Regional Municipalities)
yellow	provincial (NHIC, SARO) and national (COSEWIC) status
S-RANK	provincial conservation status rank assigned by NHIC; S1 to S5 based on decreasing level of conservation concern; SE = provincial exotic status rank assigned by NHIC, SE1 to SE5 based on increasing abundance, SEH = historic; SU = unrankable (insufficient information to assign a numeric conservation status rank); SH = historic; SX = extirpated; hyb = hybrid (no conservation status assigned)
COSEWIC	national Species At Risk conservation status assigned by COSEWIC
SARO	provincial Species At Risk conservation status assigned by COSSARO

I	introduced; thought to have been present in the Carolinian Zone or individual CZ area prior to European settlement; believed to be deliberately or inadvertently introduced to the CZ by humans (followed by a status, below)
C	common
U	uncommon
R	rare
H	historic records only (generally >30 years)
X	present; status unknown or not specified in source lists
?	unconfirmed report
hyb	hybrid

Carolinian Zone Area Information Sources

Listed below for each Carolinian Zone area covered by this list (mostly counties) are the primary and secondary information sources used. Full bibliographic citations appear Literature Cited (page 24). For each area records obtained from the author's fieldwork, specimens examined during herbarium searches, records extracted from other primary and secondary literature sources (e.g. journal articles, natural area inventory reports, wetland evaluations, etc.), and personal communications with Carolinian Zone botanists and naturalists have also been incorporated.

ES (Essex County)

Primary Sources:

Oldham (1993).

Secondary Sources:

Botham (1981); Core (1948); Dodge (1914a); Jellicoe (1984); Oldham (1983, 2001); Stuckey and Duncan (2010).

CK (Municipality of Chatham-Kent)

Primary Sources:

Oldham (1993).

Secondary Sources:

Bowles *et al.* (1994); Jalava *et al.* (2016); Klinkenberg and Klinkenberg (1986); Woodliffe (1997, 2002).

LB (Lambton County)

Primary Sources:

Oldham (1993); Tiedje and Tiedje (2010).

Secondary Sources:

Dodge (1914b); Gaiser (1966).

MD (Middlesex County)

Primary Sources:

Oldham (1993).

Secondary Sources:

Bowles, Jane (2009+ personal communication); Cook and McLeod (1981, 1983, 1984); McLeod and Cook (1981, 1982a, 1982b); Oldham (1992); Oldham *et al.* (1991a); Upper Thames River Conservation Authority (2003).

EL (Elgin County)

Primary Sources:

Oldham (1993).

Secondary Sources:

Kanter *et al.* (1993); Oldham *et al.* (1991a, 1991b, 1992, 1993); Oldham and Stewart (1994); Stewart and James (1969).

OX (Oxford County)

Primary Sources:

Oldham (1993).

Secondary Sources:

Hilts and MacFabe (1978); Oldham *et al.* (1991a).

HN (Haldimand-Norfolk County)

Primary Sources:

Ambrose and Waldron (2004); Oldham (1993); Sutherland (1987).

Secondary Sources:

Cruise (1969); Kirk (1990); Landon (1960); Reznicek and Catling (1989).

BR (Brant County)

Primary Sources:

Bakowsky, Wasyl (1992+ personal communication); Riley (1989).

Secondary Sources:

Eagles (1980).

NG (Niagara Regional Municipality)

Primary Sources:

Oldham (2010).

Secondary Sources:

Eckel (2005, 2013); McIntosh and Catling (1979); Riley (1989); Riley *et al.* (1996); Yaki (1970); Zander and Pierce (1979); Zenkert (1934); Zenkert and Zander (1975).

**HM (City of Hamilton; formerly Hamilton-Wentworth
Regional Municipality)**

Primary Sources:

Goodban (2014); Iwanycki, Natalie (2014 personal communication).

Secondary Sources:

Goodban (2003); Oldham (1997); Pringle (1969, 1997); Riley (1989); Riley *et al.* (1996); Rothfels (2004, 2005a, 2005b, 2005c); Smith (2003).

**7E4 (Ecodistrict 7E-4; comprising the City of Toronto, and southern parts
of York, Peel, and Halton Regional Municipalities)**

Primary Sources:

Credit Valley Conservation (2017); Miller, Gavin (2017 personal communication); Varga *et al.* (2000).

Secondary Sources:

Banville (1994); Crins (1986); Crins *et al.* (2006); Kaiser (2001); Riley (1978, 1989); Riley *et al.* (1981, 1996); Webber (1984).

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Résumé de la « Liste des plantes vasculaires de la zone carolinienne de l'Ontario (écorégion 7E) » (Oldham 2017)

Cette liste contient des renseignements sur 2 545 plantes vasculaires connues dans la zone floristique carolinienne de l'Ontario (écorégion 7E), y compris les plantes indigènes de la région et celles qui sont originaires d'ailleurs. La liste indique également si la répartition en Ontario de chaque plante est limitée à la zone carolinienne ou si ces plantes ont été observées ailleurs dans la province. Sont également fournis, le statut légal en tant qu'espèce en péril à l'échelle provinciale et nationale, et la classe provinciale de l'espèce selon la situation sur le plan de la conservation (classe S) telle que déterminée par le Centre d'information sur le patrimoine naturel de l'Ontario. On y indique aussi le niveau de rareté dans la zone carolinienne ainsi que le statut dans chacune des onze régions de la zone (surtout les comtés et les municipalités régionales). Chaque espèce est désignée par un nom scientifique, un nom en anglais et un nom de famille, avec des synonymes et des notes pour la plupart des espèces. Cette liste a été conçue pour soutenir les efforts visant à conserver et à rétablir les espèces indigènes et les habitats naturels dans la zone carolinienne.

Cette publication hautement spécialisée List of the Vascular Plants of Ontario's Carolinian Zone (Ecoregion 7E) n'est disponible qu'en anglais conformément au Règlement 671/92, selon lequel il n'est pas obligatoire de la traduire en vertu de la Loi sur les services en français. Pour obtenir des renseignements en français, veuillez communiquer avec le ministère des Richesses naturelles et des Forêts au info.mnrscience@ontario.ca.



Cucumber Tree (*Magnolia acuminata*). Photo D. A. Sutherland.

List of Vascular Plants of Ontario's Carolinian Zone (Oldham 2017)

CZ	CZ RESTR	SCIENTIFIC NAME	ES	CK	LB	MD	EL	OX	HN	BR	NG	HM	7E4	S-RANK	COSEWIC	SARO	ENGLISH NAME	FAMILY	CAROLINIAN ZONE NOTES
R		<i>Dendrolycopodium dendroideum</i>			H		R	X	U		R	R	R	S5			Round-branched Tree-clubmoss	LYCOPODIACEAE	formerly included in Lycopodium
R		<i>Dendrolycopodium hickeyi</i>					R		R		R			S4			Hickey's Tree-clubmoss	LYCOPODIACEAE	formerly included in Lycopodium; including L. obscurum var. isophyllum
U		<i>Dendrolycopodium obscurum</i>		R	R	X	X	X	C	X	U	U	U	S4			Flat-branched Tree-clubmoss	LYCOPODIACEAE	formerly included in Lycopodium
C		<i>Diphasiastrum digitatum</i>	R	R	X	C	C	X	C	X	U	C	R	S5			Southern Ground-cedar	LYCOPODIACEAE	formerly included in Lycopodium; including L. flabelliforme
R		<i>Diphasiastrum tristachyum</i>		R	R	R	R		R	R				S5?			Blue Ground-cedar	LYCOPODIACEAE	formerly included in Lycopodium
hyb		<i>Diphasiastrum x habereri</i>			hyb		?		hyb					hyb			(<i>Diphasiastrum digitatum</i> X <i>Diphasiastrum tristachyum</i>)	LYCOPODIACEAE	formerly included in Lycopodium
hyb		<i>Diphasiastrum x zeilleri</i>					hyb							hyb			(<i>Diphasiastrum complanatum</i> X <i>Diphasiastrum tristachyum</i>)	LYCOPODIACEAE	formerly included in Lycopodium
U		<i>Huperzia lucidula</i>	R	X	X	X	X	X	C	X	R	C	R	S5			Shining Firmoss	LYCOPODIACEAE	formerly included in Lycopodium
R		<i>Lycopodiella inundata</i>			R	R	R							S5			Northern Bog Clubmoss	LYCOPODIACEAE	formerly included in Lycopodium
R		<i>Lycopodium clavatum</i>			R	R	R	X	U	R	R	R	R	S5			Running Clubmoss	LYCOPODIACEAE	
R		<i>Spinulum annotinum</i>			R	R	R	X	R	R		R	R	S5			Stiff Clubmoss	LYCOPODIACEAE	formerly included in Lycopodium
H		<i>Isoetes echinospora</i>				?					H			S5			Spiny-spored Quillwort	ISOETACEAE	
R		<i>Selaginella eclipes</i>	R	R	R	X	R		U	U	R	R	R	S4			Hidden Spikemoss	SELAGINELLACEAE	including CZ reports of <i>S. apoda</i>
R		<i>Selaginella rupestris</i>				R		R	R	R				S5			Rock Spikemoss	SELAGINELLACEAE	
C		<i>Equisetum arvense</i>	C	X	X	C	C	X	C	C	C	C	C	S5			Field Horsetail	EQUISETACEAE	
U		<i>Equisetum fluviatile</i>	R	R	R	U	R	X	U	C	R	C	R	S5			Water Horsetail	EQUISETACEAE	
C		<i>Equisetum hyemale</i>	C	X	X	C	C	X	C	C	U	C	U	S5			Common Scouring-rush	EQUISETACEAE	
R		<i>Equisetum laevigatum</i>	R	R	X	R	R	X	R	R	R	R	H	S4			Smooth Scouring-rush	EQUISETACEAE	
R		<i>Equisetum palustre</i>	?		R	R		X	H	R	?	R	R	S5			Marsh Horsetail	EQUISETACEAE	
R		<i>Equisetum pratense</i>		R	R	R	R		R	R	R	U	R	S5			Meadow Horsetail	EQUISETACEAE	
R		<i>Equisetum scirpoides</i>			R	R	R	X	U	R	R	U	R	S5			Dwarf Scouring-rush	EQUISETACEAE	
U		<i>Equisetum sylvaticum</i>	H		H	R	R	X	C	U	R	C	R	S5			Woodland Horsetail	EQUISETACEAE	
U		<i>Equisetum variegatum</i>	R	R	X	U	U	X	C	C	R	C	R	S5			Variegated Horsetail	EQUISETACEAE	
hyb		<i>Equisetum x ferrissii</i>	hyb	hyb	hyb	hyb			hyb	hyb				hyb			(<i>Equisetum hyemale</i> X <i>Equisetum laevigatum</i>)	EQUISETACEAE	
hyb		<i>Equisetum x litorale</i>			hyb	hyb	hyb					hyb	hyb	hyb			(<i>Equisetum arvense</i> X <i>Equisetum fluviatile</i>)	EQUISETACEAE	

List of Vascular Plants of Ontario's Carolinian Zone (Oldham 2017)

CZ	CZ RESTR	SCIENTIFIC NAME	ES	CK	LB	MD	EL	OX	HN	BR	NG	HM	7E4	S-RANK	COSEWIC	SARO	ENGLISH NAME	FAMILY	CAROLINIAN ZONE NOTES
hyb		<i>Equisetum x mackaii</i>			hyb	hyb	hyb		hyb	hyb	hyb	hyb	hyb	hyb			(<i>Equisetum hyemale</i> X <i>Equisetum variegatum</i>)	EQUISETACEAE	
hyb		<i>Equisetum x nelsonii</i>							hyb		hyb		hyb	hyb			(<i>Equisetum laevigatum</i> X <i>Equisetum variegatum</i>)	EQUISETACEAE	formerly called <i>Equisetum x trachyodon</i>
R		<i>Botrychium angustisegmentum</i>					H		R		R			S3			Triangle Moonwort	OPHIOGLOSSACEAE	formerly <i>B. lanceolatum</i> var./ssp. <i>angustisegmentum</i>
R		<i>Botrychium matricariifolium</i>	R	R	R	R	R	X	C	R	R		R	S4S5			Daisy-leaved Moonwort	OPHIOGLOSSACEAE	
R		<i>Botrychium tenebrosum</i>					R	R	R	R	R	R	H	SU			Swamp Moonwort	OPHIOGLOSSACEAE	formerly <i>B. simplex</i> var. <i>tenebrosum</i> ; it was assumed that all CZ <i>B. simplex</i> reports are <i>B. tenebrosum</i> , though <i>B. simplex</i> may occur also
C		<i>Botrypus virginianus</i>	C	X	X	X	C	X	C	C	U	C	R	S5			Rattlesnake Fern	OPHIOGLOSSACEAE	formerly included in <i>Botrychium</i>
R		<i>Ophioglossum pusillum</i>	R	R	R	R	U	X	U	R	R		H	S4			Northern Adder's-tongue	OPHIOGLOSSACEAE	including <i>O. vulgatum</i>
C		<i>Sceptridium dissectum</i>	C	X	X	X	C	X	C	X	U	U	R	S4S5			Cutleaf Grapefern	OPHIOGLOSSACEAE	formerly included in <i>Botrychium</i>
R		<i>Sceptridium multifidum</i>	H	R	R	R	R		R	R	R	R	R	S5			Leathery Grapefern	OPHIOGLOSSACEAE	formerly included in <i>Botrychium</i>
R		<i>Sceptridium oneidense</i>	R	R		R	R	R	U	R	R	R	H	S3?			Blunt-lobed Grapefern	OPHIOGLOSSACEAE	formerly included in <i>Botrychium</i>
R	cz	<i>Sceptridium rugulosum</i>	R			R			R	R			H	S2?			Rugulose Grapefern	OPHIOGLOSSACEAE	formerly included in <i>Botrychium</i>
C		<i>Osmunda claytoniana</i>	U	X	R	X	C	X	C	C	U	C	R	S5			Interrupted Fern	OSMUNDACEAE	
C		<i>Osmunda regalis</i>	U	X	X	X	C	X	C	C	C	C	R	S5			Royal Fern	OSMUNDACEAE	
C		<i>Osmundastrum cinnamomeum</i>	U	X	R	X	C	X	C	C	C	C	C	S5			Cinnamon Fern	OSMUNDACEAE	formerly included in <i>Osmunda</i>
IH		<i>Marsilea quadrifolia</i>							IH					SEH			European Water-clover	MARSILEACEAE	
R		<i>Azolla caroliniana</i>									R	R	R	S1S2			Eastern Mosquito Fern	SALVINIACEAE	probably more correctly called <i>A. cristata</i>
R		<i>Dennstaedtia punctilobula</i>	R	R		?	U	X	U	R	R	R	R	S4			Eastern Hay-scented Fern	DENNSTAEDTIACEAE	
C		<i>Pteridium aquilinum</i>	U	X	X	X	C	X	C	C	C	C	C	S5			Bracken Fern	DENNSTAEDTIACEAE	
C		<i>Adiantum pedatum</i>	U	X	X	C	C	X	C	C	U	C	R	S5			Northern Maidenhair Fern	PTERIDACEAE	
R		<i>Cryptogramma stelleri</i>									H	R		S4			Steller's Rockbrake	PTERIDACEAE	
R		<i>Pellaea atropurpurea</i>									R			S3			Purple-stemmed Cliffbrake	PTERIDACEAE	
R		<i>Pellaea glabella</i>									R	R	R	S4			Smooth Cliffbrake	PTERIDACEAE	
C		<i>Cystopteris bulbifera</i>	H		R	X	U	X	C	C	U	C	R	S5			Bulblet Fern	CYSTOPTERIDACEAE	
R	CZ	<i>Cystopteris protrusa</i>	R		R	R	R		R	R	R	R		S2S3			Lowland Brittle Fern	CYSTOPTERIDACEAE	formerly included in <i>C. fragilis</i>

List of Vascular Plants of Ontario's Carolinian Zone (Oldham 2017)

CZ	CZ RESTR	SCIENTIFIC NAME	ES	CK	LB	MD	EL	OX	HN	BR	NG	HM	7E4	S-RANK	COSEWIC	SARO	ENGLISH NAME	FAMILY	CAROLINIAN ZONE NOTES	
C		<i>Cystopteris tenuis</i>	R	X	X	X	U		C	U	U	C	R	S4			Mackay's Bladder Fern	CYSTOPTERIDACEAE	formerly included in <i>C. fragilis</i> and most or all CZ reports of <i>C. fragilis</i> belong here	
U		<i>Gymnocarpium dryopteris</i>	H		R	R	U	X	U	U	H	C	R	S5			Common Oak Fern	CYSTOPTERIDACEAE		
R		<i>Asplenium platyneuron</i>	R	R	R	R	U	R	U	R	R	U	R	S4			Ebony Spleenwort	ASPLENIACEAE		
R		<i>Asplenium rhizophyllum</i>			R						R	U	R	S4			Walking Fern	ASPLENIACEAE		
R		<i>Asplenium scolopendrium</i>									?		R	S3			Hart's-tongue Fern	ASPLENIACEAE		
R		<i>Asplenium trichomanes</i>								R	R	R	R	S4			Maidenhair Spleenwort	ASPLENIACEAE	ssp. quadrivalens in CZ	
R		<i>Homalosorus pycnocarpus</i>	H	R	R	R	U	X	R	R	R		H	S4			Narrow-leaved Glade Fern	DIPLAZIOPSIDACEAE	formerly <i>Athyrium pycnocarpon</i>	
R		<i>Phegopteris connectilis</i>				R	R	X	?	X	H	R	R	S5			Northern Beech Fern	THELYPTERIDACEAE	formerly included in <i>Thelypteris</i>	
R	cz	<i>Phegopteris hexagonoptera</i>	R	R	R	R	U		C	R	R	R	H	S3	SC	SC	Broad Beech Fern	THELYPTERIDACEAE	formerly included in <i>Thelypteris</i>	
C		<i>Thelypteris noveboracensis</i>	R	R	R	X	U	X	C		C	C	R	S4S5			New York Fern	THELYPTERIDACEAE		
C		<i>Thelypteris palustris</i>	C	X	X	X	C	X	C	C	C	C	C	S5			Marsh Fern	THELYPTERIDACEAE		
C		<i>Matteuccia struthiopteris</i>	R	X	X	X	C	X	C	C	C	C	C	S5			Ostrich Fern	ONOCLEACEAE		
C		<i>Onoclea sensibilis</i>	C	X	C	X	C	X	C	C	C	C	C	S5			Sensitive Fern	ONOCLEACEAE		
R		<i>Woodwardia virginica</i>			H	R	R		R		R	R	R	S4			Virginia Chain Fern	BLECHNACEAE		
C		<i>Athyrium filix-femina</i>	C	X	X	X	C	X	C	C	C	C	C	S5			Northeastern Lady Fern	ATHYRIACEAE	var. <i>angustum</i>	
U		<i>Deparia acrostichoides</i>	R	R	R	X	C	X	U	R	R	U	R	S4			Silvery Spleenwort	ATHYRIACEAE	formerly <i>Athyrium thelypterioides</i>	
C		<i>Dryopteris carthusiana</i>	C	X	X	X	C	X	C	C	C	C	C	S5			Spinulose Wood Fern	DRYOPTERIDACEAE	formerly <i>D. spinulosa</i>	
C		<i>Dryopteris clintoniana</i>	R	R	R	X	C	X	C	X	R	C	R	S4			Clinton's Wood Fern	DRYOPTERIDACEAE		
U		<i>Dryopteris cristata</i>	R	X	R	X	C	X	R	X	U	C	R	S5			Crested Wood Fern	DRYOPTERIDACEAE		
R		<i>Dryopteris filix-mas</i>							R	?		R	R	S4			Male Fern	DRYOPTERIDACEAE		
R		<i>Dryopteris goldiana</i>	H	R	R	R	R	R	R	R	R	R	R	S4			Goldie's Wood Fern	DRYOPTERIDACEAE		
C		<i>Dryopteris intermedia</i>	R		R	R	C	X	C	C	C	C	C	S5			Evergreen Wood Fern	DRYOPTERIDACEAE		
C		<i>Dryopteris marginalis</i>	H	X	R	X	C	X	C	C	U	C	C	S5			Marginal Wood Fern	DRYOPTERIDACEAE		
hyb		<i>Dryopteris x benedictii</i>					?		hyb					hyb			(<i>Dryopteris carthusiana</i> X <i>Dryopteris clintoniana</i>)	DRYOPTERIDACEAE		
hyb		<i>Dryopteris x boottii</i>	hyb			hyb		hyb	hyb					hyb	hyb			(<i>Dryopteris cristata</i> X <i>Dryopteris intermedia</i>)	DRYOPTERIDACEAE	
hyb		<i>Dryopteris x dowellii</i>			hyb			hyb						hyb	hyb			(<i>Dryopteris clintoniana</i> X <i>Dryopteris intermedia</i>)	DRYOPTERIDACEAE	

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hyb		<i>Dryopteris x pittsfordensis</i>			hyb				hyb					hyb			(<i>Dryopteris carthusiana</i> X <i>Dryopteris marginalis</i>)	DRYOPTERIDACEAE	
hyb		<i>Dryopteris x triploidea</i>	hyb	hyb	hyb		hyb	hyb	hyb	hyb	hyb	hyb	hyb	hyb			(<i>Dryopteris carthusiana</i> X <i>Dryopteris intermedia</i>)	DRYOPTERIDACEAE	
hyb		<i>Dryopteris x uliginosa</i>							hyb			hyb	hyb	hyb			(<i>Dryopteris carthusiana</i> X <i>Dryopteris cristata</i>)	DRYOPTERIDACEAE	
C		<i>Polystichum acrostichoides</i>	R	X	X	X	C	X	C	C	C	C	C	S5			Christmas Fern	DRYOPTERIDACEAE	
H		<i>Polystichum lonchitis</i>												S4			Northern Holly Fern	DRYOPTERIDACEAE	
R		<i>Polypodium appalachianum</i>												S1S2			Appalachian Polypody	POLYPODIACEAE	
R		<i>Polypodium virginianum</i>			R	R	R		R	R	U	U	R	S5			Rock Polypody	POLYPODIACEAE	
R		<i>Abies balsamea</i>				IR	IR	X	IR	?	IR	C	R	S5			Balsam Fir	PINACEAE	introduced and native in CZ
IX		<i>Larix decidua</i>				IX	IX	IX	IX	IX	IR	IR	IX	SE2			European Larch	PINACEAE	some records may be based on planted individuals not regenerating
U		<i>Larix laricina</i>			R	X	U	X	C	R	R	C	R	S5			American Larch	PINACEAE	
IX		<i>Picea abies</i>		IX		IX		IX	IR	IX	IC	IR	IX	SE3			Norway Spruce	PINACEAE	some records may be based on planted individuals not regenerating
U		<i>Picea glauca</i>			IR	IR		X	R	X	IU	C	U	S5			White Spruce	PINACEAE	mostly introduced in CZ
R		<i>Picea mariana</i>			R	R		X	R	R	H	R	R	S5			Black Spruce	PINACEAE	
IR		<i>Picea pungens</i>				IX							IR	SE1			Blue Spruce	PINACEAE	some records may be based on planted individuals not regenerating
IR		<i>Pinus banksiana</i>			IR	IR		IR	IR		IR	IR	IX	S5			Jack Pine	PINACEAE	introduced in CZ
IR		<i>Pinus nigra</i>									IR	IR		SE3			Black Pine	PINACEAE	some records may be based on planted individuals not regenerating
R		<i>Pinus resinosa</i>	IR	IR	R	IR		IR	IR	IR	IR	R	R	S5			Red Pine	PINACEAE	introduced and native in CZ
C		<i>Pinus strobus</i>	R	R	X	X	U	X	C	C	C	C	C	S5			Eastern White Pine	PINACEAE	
IX		<i>Pinus sylvestris</i>	IR	IX	IX	IR	IR	IX	IC	IX	IC	IX	IC	SE5			Scots Pine	PINACEAE	
C		<i>Tsuga canadensis</i>			X	X	C	X	C	C	C	C	C	S5			Eastern Hemlock	PINACEAE	
R		<i>Juniperus communis</i>	R	X	R	R	R		U		R	R	R	S5			Common Juniper	CUPRESSACEAE	
R		<i>Juniperus horizontalis</i>			R	R								S5			Creeping Juniper	CUPRESSACEAE	possibly entirely introduced in CZ
C		<i>Juniperus virginiana</i>	C	X	X	X	U	X	C	C	C	C	U	S5			Eastern Red Cedar	CUPRESSACEAE	
C		<i>Thuja occidentalis</i>			X	X	C	X	C	C	U	C	C	S5			Eastern White Cedar	CUPRESSACEAE	
U		<i>Taxus canadensis</i>	H		R	X	R	X	R	X	U	C	U	S4			Canadian Yew	TAXACEAE	
R		<i>Acorus americanus</i>	R	R	R	R	R	R	R	R	R	R	R	S4			American Sweetflag	ACORACEAE	
IR		<i>Acorus calamus</i>		IR		IR	IR	?					IR	SE1			European Sweetflag	ACORACEAE	moist CZ reports of <i>A. calamus</i> are actually <i>A. americanus</i>
R	cz	<i>Arisaema dracontium</i>	R	R	X	U	U	R	R	R	R	R		S3	SC	SC	Green Dragon	ARACEAE	

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C		<i>Arisaema triphyllum</i>	C	X	X	C	C	X	C	C	C	C	C	S5			Jack-in-the-pulpit	ARACEAE	
R		<i>Calla palustris</i>			H	R	R	X	U	R	R	C	R	S5			Wild Calla	ARACEAE	
C		<i>Lemna minor</i>	C	X	X	X	C	X	C	X	C	C	C	S5			Lesser Duckweed	ARACEAE	status vs. <i>L. turionifera</i> poorly known
U		<i>Lemna trisulca</i>	R	R	X	X	U	X	U	X	U	C	R	S5			Star Duckweed	ARACEAE	
R		<i>Lemna turionifera</i>	R										?	SU			Turion Duckweed	ARACEAE	likely more common, status vs. <i>L. minor</i> poorly known
R		<i>Peltandra virginica</i>		R					R		R	R		S3			Green Arrow Arum	ARACEAE	HM site possibly originally planted
IR		<i>Pistia striatiotes</i>	IR								IR			SE1			Water Lettuce	ARACEAE	
U		<i>Spirodela polyrhiza</i>	R	X	X	R	R	X	U	X	R	C	C	S5			Great Duckweed	ARACEAE	
C		<i>Symplocarpus foetidus</i>	R	X	X	C	C	X	C	C	C	C	R	S5			Skunk Cabbage	ARACEAE	
U	cz	<i>Wolffia borealis</i>	R	R	X	R	R		R	R	R	R	R	S4S5			Northern Watermeal	ARACEAE	frequently overlooked; similar to <i>W. columbiana</i>
U	cz	<i>Wolffia columbiana</i>	R	R	X	R	R		U	R	R	R	R	S4S5			Columbia Watermeal	ARACEAE	frequently overlooked; similar to <i>W. borealis</i>
R		<i>Triantha glutinosa</i>			R				R	R	H		H	S4S5			Sticky False Asphodel	TOFIELDIACEAE	formerly <i>Tofieldia glutinosa</i>
R		<i>Alisma gramineum</i>									R		R	S4			Narrow-leaved Water-plantain	ALISMATACEAE	
X		<i>Alisma subcordatum</i>	X	X	X	X	X	X	X	X	X	X	X	S4?			Southern Water-plantain	ALISMATACEAE	status poorly known vs. <i>A. triviale</i> which is more common in the CZ
X		<i>Alisma triviale</i>	X	X	X	X	X	X	X	X	X	X	X	S5			Northern Water-plantain	ALISMATACEAE	status poorly known vs. <i>A. subcordatum</i> which is less common in the CZ
R	cz	<i>Sagittaria cristata</i>		R	H				R					S3			Crested Arrowhead	ALISMATACEAE	including CZ reports of <i>S. graminea</i>
R		<i>Sagittaria cuneata</i>	R	R	R	R	R		R			R	R	S5			Northern Arrowhead	ALISMATACEAE	
C		<i>Sagittaria latifolia</i>	C	X	X	C	C	X	C	C	C	C	C	S5			Broad-leaved Arrowhead	ALISMATACEAE	
R		<i>Sagittaria rigida</i>	R	R	R		H		U	R	H		R	S4			Sessile-fruited Arrowhead	ALISMATACEAE	
IU		<i>Butomus umbellatus</i>	IC	IX	IR	IR	IX		IR	IX	IU	IR	IU	SE5			Flowering-rush	BUTOMACEAE	
C		<i>Elodea canadensis</i>	R	X	X	X	U	X	C	C	U	C	C	S5			Broad Waterweed	HYDROCHARITACEAE	
R		<i>Elodea nuttallii</i>	R	R	R	R	R		R		H		R	S3			Nuttall's Waterweed	HYDROCHARITACEAE	
IR		<i>Hydrocharis morsus-ranae</i>	IR	IR					IR			IR	IR	SE5			European Frogbit	HYDROCHARITACEAE	
R		<i>Najas flexilis</i>	R	X	X	R	R	X	C	R	R	R	R	S4S5			Slender Naiad	HYDROCHARITACEAE	some reports may be <i>N. canadensis</i>
R		<i>Najas gracillima</i>		R					R					S2S3			Thread-like Naiad	HYDROCHARITACEAE	
R		<i>Najas guadalupensis</i>	R	R	R				R					S3			Southern Naiad	HYDROCHARITACEAE	
IR		<i>Najas minor</i>	IU	IX	IR				IR		IR	IR		SE2			Brittle-leaved Naiad	HYDROCHARITACEAE	
U		<i>Vallisneria americana</i>	R	X	X	R	R		C		U	R	R	S5			Eel-grass	HYDROCHARITACEAE	
H		<i>Scheuchzeria palustris</i>			H	H							H	S5			Marsh Scheuchzeria	SCHEUCHZERIACEAE	

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R		<i>Triglochin maritima</i>			R	IR			R		IR		H	S5			Common Bog Arrow-grass	JUNCAGINACEAE	some populations introduced
R		<i>Triglochin palustris</i>	R		R		R		R	R	R		H	S5			Slender Bog Arrow-grass	JUNCAGINACEAE	
H		<i>Potamogeton alpinus</i>									H			S5			Alpine Pondweed	POTAMOGETONACEAE	
R		<i>Potamogeton amplifolius</i>	R	R	R	R	R	X	R	X	H	U	R	S5			Large-leaved Pondweed	POTAMOGETONACEAE	
IU		<i>Potamogeton crispus</i>	IU	IX	IX	IX	IU		IC	IX	IC	IX	IX	SE5			Curly-leaved Pondweed	POTAMOGETONACEAE	
R		<i>Potamogeton epihydrus</i>			R		R	X	H		R	U	H	S5			Ribbon-leaved Pondweed	POTAMOGETONACEAE	
R		<i>Potamogeton foliosus</i>	U	R	R	R	R		R	X	R	R	U	S5			Leafy Pondweed	POTAMOGETONACEAE	
R		<i>Potamogeton friesii</i>	R		R			X	R		H	H	R	S4			Fries' Pondweed	POTAMOGETONACEAE	
R		<i>Potamogeton gramineus</i>	R	R	R	R	R		U	X	H		R	S5			Grassy Pondweed	POTAMOGETONACEAE	
H		<i>Potamogeton hillii</i>			?		H							S2S3	SC	SC	Hill's Pondweed	POTAMOGETONACEAE	
R		<i>Potamogeton illinoensis</i>	R	R	R	R			U		H		R	S4			Illinois Pondweed	POTAMOGETONACEAE	
R		<i>Potamogeton natans</i>	R	X	R	R	R	X	C	X	R	C	R	S5			Floating Pondweed	POTAMOGETONACEAE	
R		<i>Potamogeton nodosus</i>	R	R	R	R	R	X	R	R	R	R	R	S5			Long-leaved Pondweed	POTAMOGETONACEAE	
H		<i>Potamogeton obtusifolius</i>			?				H				H	S4			Blunt-leaved Pondweed	POTAMOGETONACEAE	
R		<i>Potamogeton perfoliatus</i>		R	?				H		H	R	H	S4			Clasping-leaved Pondweed	POTAMOGETONACEAE	
R		<i>Potamogeton praelongus</i>		R	R				H		H		H	S4			White-stemmed Pondweed	POTAMOGETONACEAE	
H	CZ	<i>Potamogeton pulcher</i>		H										SH			Spotted Pondweed	POTAMOGETONACEAE	
R		<i>Potamogeton pusillus</i> ssp. <i>pusillus</i>	?		R	R			?	R	H	C	R	SU			Small Pondweed	POTAMOGETONACEAE	
R		<i>Potamogeton pusillus</i> ssp. <i>tenuissimus</i>	R		R	R			C		R	R	R	S5			Narrow-leaved Small Pondweed	POTAMOGETONACEAE	sometimes called P. berchtoldii
R		<i>Potamogeton richardsonii</i>	R	R	X	R	R		C		R		R	S5			Richardson's Pondweed	POTAMOGETONACEAE	
R		<i>Potamogeton robbinsii</i>	R		?				R		R			S5			Robbins' Pondweed	POTAMOGETONACEAE	
R		<i>Potamogeton strictifolius</i>	R	R	H	R	R		R		H	R	R	S4S5			Straight-leaved Pondweed	POTAMOGETONACEAE	
hyb		<i>Potamogeton</i> x <i>haynesii</i>		?	hyb				hyb					hyb			(<i>Potamogeton strictifolius</i> X <i>Potamogeton zosteriformis</i>)	POTAMOGETONACEAE	

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hyb		<i>Potamogeton x spathuliformis</i>			hyb				hyb					hyb			(Potamogeton gramineus X Potamogeton illinoensis)	POTAMOGETONACEAE	
R		<i>Potamogeton zosteriformis</i>	R	R	R	R	R		R	R	R	R	R	S5			Flatstem Pondweed	POTAMOGETONACEAE	
R		<i>Stuckenia filiformis</i> <i>ssp. alpina</i>		R	R				R		R			S5?			Alpine Thread-leaved Pondweed	POTAMOGETONACEAE	formerly included in Potamogeton
H		<i>Stuckenia filiformis</i> <i>ssp. occidentalis</i>									H			S5?			Western Thread-leaved Pondweed	POTAMOGETONACEAE	formerly included in Potamogeton
U		<i>Stuckenia pectinata</i>	R	X	X	X	R	X	C	R	R	C	C	S5			Sago Pondweed	POTAMOGETONACEAE	formerly included in Potamogeton
H		<i>Stuckenia vaginata</i>			H						H			S5			Big-sheathed Pondweed	POTAMOGETONACEAE	formerly included in Potamogeton
R		<i>Zannichellia palustris</i>	R		R		R		R		R	R	R	S4			Horned Pondweed	POTAMOGETONACEAE	
R	CZ	<i>Aletris farinosa</i>	R		R		R		R					S2	END	THR	White Colicroot	NARTHECIACEAE	
C	cz	<i>Dioscorea villosa</i>	C	X	X	X	C	X	C	U	U	C		S4			Wild Yam	DIOSCOREACEAE	including reports of <i>D.</i> <i>quaternata</i>
R		<i>Anticlea elegans</i>	R						R	R	R		H	S4			White Camas	MELANTHIACEAE	formerly <i>Zygadenus glaucus</i>
H	CZ	<i>Chamaelirium luteum</i>							H	H	H			SX			Devil's-bit	MELANTHIACEAE	
R		<i>Trillium cernuum</i>	R		R	R								S5			Nodding Trillium	MELANTHIACEAE	
C		<i>Trillium erectum</i>	U	X	X	X	C	X	C	C	C	C	C	S5			Red Trillium	MELANTHIACEAE	
R	CZ	<i>Trillium flexipes</i>	H			R	R				H			S1	END	END	Drooping Trillium	MELANTHIACEAE	
C		<i>Trillium grandiflorum</i>	C	X	X	X	C	X	C	C	C	C	C	S5			White Trillium	MELANTHIACEAE	
R		<i>Trillium undulatum</i>							R		H			S4			Painted Trillium	MELANTHIACEAE	
C		<i>Uvularia grandiflora</i>	U	R	X	X	U	X	U	U	C	C	U	S5			Large-flowered Bellwort	COLCHICACEAE	
R	CZ	<i>Uvularia perfoliata</i>					?		R		R	R	R	S1S2			Perfoliate Bellwort	COLCHICACEAE	
U		<i>Uvularia sessilifolia</i>	R	R	R	R	R		U		C	R		S4			Sessile-leaved Bellwort	COLCHICACEAE	
R	CZ	<i>Smilax ecirrata</i>	C	R	R	R								S3?			Upright Carrionflower	SMILACACEAE	
C		<i>Smilax herbacea</i>	R	R	R	X	U	X	C	C	C	C	R	S4?			Herbaceous Carrionflower	SMILACACEAE	
R	CZ	<i>Smilax illinoensis</i>	U		R					X				S2?			Illinois Carrionflower	SMILACACEAE	
U	cz	<i>Smilax lasioneura</i>	C	X	X	X	X	X	R	X	U	R	R	S4S5			Hairy-nerved Carionflower	SMILACACEAE	sometimes called <i>S. herbacea</i> var. <i>lasioneura</i>
R	CZ	<i>Smilax rotundifolia</i>	R						R		R			S2	THR	THR	Round-leaved Greenbrier	SMILACACEAE	
C		<i>Smilax tamnoides</i>	C	X	X	X	C	X	C	C	C	C	U	S5			Hispid Greenbrier	SMILACACEAE	including <i>S. hispida</i>
U		<i>Clintonia borealis</i>		R	R	X	R	X	C	U	H	C	R	S5			Blue Bead-lily	LILIACEAE	
U	cz	<i>Erythronium albidum</i>	U	R	X	X	U		U	U	R	R	R	S4			White Trout-lily	LILIACEAE	
C		<i>Erythronium americanum</i>	C	X	X	X	C	X	C	C	C	C	C	S5			Yellow Trout-lily	LILIACEAE	
H		<i>Lilium canadense</i>									H			S1?			Canada Lily	LILIACEAE	
IR		<i>Lilium lancifolium</i>	IR	IR	IR	IR	IR		IR		IR	IR	IR	SE1			Tiger Lily	LILIACEAE	
C	cz	<i>Lilium michiganense</i>	C	X	X	U	U	X	C	U	C	C	C	S4			Michigan Lily	LILIACEAE	
R		<i>Lilium philadelphicum</i>	R	R	R	R	R		R	R	R	R	R	S5			Wood Lily	LILIACEAE	
C		<i>Medeola virginiana</i>	R	R	X	X	C	X	C	U	C	C	R	S5			Indian Cucumber-root	LILIACEAE	

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C	cz	<i>Prosartes lanuginosa</i>		R		R	C	X	C	R	R	C	R	S4			Yellow Mandarin	LILIACEAE	formerly <i>Disporum lanuginosum</i>
U		<i>Streptopus lanceolatus</i>	H	R	R	R	R	X	U	U	H	C	U	S5			Rose Twisted-stalk	LILIACEAE	including <i>S. roseus</i> ; var. <i>lanceolatus</i> and var. <i>longipes</i> occur in Ontario
IR		<i>Tulipa sylvestris</i>	IR			IR								SE1			Wild Tulip	LILIACEAE	
R	cz	<i>Aplectrum hyemale</i>	R	R	R	H	R	?	R	R	H	H		S2			Puttyroot	ORCHIDACEAE	
R		<i>Arethusa bulbosa</i>				R		R					H	S4S5			Dragon's-mouth	ORCHIDACEAE	
R		<i>Calopogon tuberosus</i>		R	R	R		X	R		H	R	H	S4S5			Tuberous Grass Pink	ORCHIDACEAE	
H		<i>Calypso bulbosa</i>											H	S4?			Calypso	ORCHIDACEAE	
R		<i>Corallorhiza maculata</i>	R	R	R	X	R	X	U	U	H	R	H	S5			Spotted Coralroot	ORCHIDACEAE	CZ records likely var. <i>maculata</i>
R	cz	<i>Corallorhiza odontorhiza</i>		R	R		R		R		H			S2S3			Autumn Coralroot	ORCHIDACEAE	
H		<i>Corallorhiza striata</i>				?		H					H	S4			Striped Coralroot	ORCHIDACEAE	
R		<i>Corallorhiza trifida</i>			R	R	R	X	R		H	R	H	S5			Early Coralroot	ORCHIDACEAE	
R		<i>Cypripedium acaule</i>	H		R	R	R	X	U	R	H	R		S5			Pink Lady's-slipper	ORCHIDACEAE	
R		<i>Cypripedium arietinum</i>			R	H		R	H	R			H	S3			Ram's-head Lady's-slipper	ORCHIDACEAE	
R	cz	<i>Cypripedium candidum</i>		H	R				H					S1	END	END	Small White Lady's-slipper	ORCHIDACEAE	
U		<i>Cypripedium parviflorum</i> var. <i>makasin</i>	R	R	X	X	U	X	C	U	R	C	R	S4S5			Small Yellow Lady's-slipper	ORCHIDACEAE	formerly included in <i>C. calceolus</i> ; including reports of var. <i>parviflorum</i>
R		<i>Cypripedium parviflorum</i> var. <i>pubescens</i>	R	R	R	X	U	X	R	R	R	R	R	S5			Large Yellow Lady's-slipper	ORCHIDACEAE	formerly included in <i>C. calceolus</i>
R		<i>Cypripedium reginae</i>	R		R	R	R	X	U	R	R	R	R	S4			Showy Lady's-slipper	ORCHIDACEAE	
hyb		<i>Cypripedium x andrewsii</i>			hyb				hyb					hyb			(<i>Cypripedium candidum</i> X <i>Cypripedium parviflorum</i>)	ORCHIDACEAE	
R		<i>Dactylorhiza viridis</i>			R	R	R	X	H		H		H	S4			Frog Orchid	ORCHIDACEAE	formerly <i>Coeloglossum viride</i>
IC		<i>Epipactis helleborine</i>	IR	IX	IX	IX	IU	IX	IC	IX	IC	IX	IC	SE5			Eastern Helleborine	ORCHIDACEAE	
R		<i>Galearis spectabilis</i>	R	R	R	R	R	X	R	R	R	R	R	S4?			Showy Orchis	ORCHIDACEAE	formerly <i>Orchis spectabilis</i>
H		<i>Goodyera oblongifolia</i>						H				H		S4			Giant Rattlesnake-plantain	ORCHIDACEAE	
R		<i>Goodyera pubescens</i>	H	R	H	R	R	X	R		H		H	S4			Downy Rattlesnake-plantain	ORCHIDACEAE	
R		<i>Goodyera repens</i>		R	H	R		X			?	R	H	S5			Dwarf Rattlesnake-plantain	ORCHIDACEAE	
H		<i>Goodyera tessellata</i>						H						S5			Checked Rattlesnake-plantain	ORCHIDACEAE	
R	CZ	<i>Isotria medeoloides</i>					R		R					S1	END	END	Small Whorled Pogonia	ORCHIDACEAE	
H	CZ	<i>Isotria verticillata</i>				H		H	H					SH	END	END	Large Whorled Pogonia	ORCHIDACEAE	

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R	cz	<i>Liparis liliifolia</i>	R	R		R	R				H			S2S3	THR	THR	Purple Twayblade	ORCHIDACEAE	
U		<i>Liparis loeselii</i>	R	R	R	X	U	X	C	X	R	C	R	S4S5			Loesel's Twayblade	ORCHIDACEAE	
R		<i>Malaxis monophyllos</i>			R	R	R		R		H	U		S4			White Adder's-mouth	ORCHIDACEAE	
R		<i>Malaxis unifolia</i>				R				R				S4S5			Green Adder's-mouth	ORCHIDACEAE	
R		<i>Neottia cordata</i>				R			R				H	S5			Heart-leaved Twayblade	ORCHIDACEAE	formerly included in <i>Listera</i>
R		<i>Platanthera aquilonis</i>	R	R	R	R	R	X	R	R	H	R	R	S5			Tall Northern Green Orchid	ORCHIDACEAE	including reports of <i>P. hyperborea</i>
H		<i>Platanthera blephariglottis</i>			H	H			H		H			S4?			White Fringed Orchid	ORCHIDACEAE	
H	CZ	<i>Platanthera ciliaris</i>	H											SX			Yellow Fringed Orchid	ORCHIDACEAE	
R		<i>Platanthera clavellata</i>	H	R	R	R		X				R		S4			Small Green Woodland Orchid	ORCHIDACEAE	
R		<i>Platanthera dilatata</i>			R	R			H			R	H	S5			Tall White Bog Orchid	ORCHIDACEAE	
R		<i>Platanthera flava</i>	R	R	R	R	R		R	R	H			S3			Tubercled Orchid	ORCHIDACEAE	var. <i>herbiola</i> in CZ
R		<i>Platanthera hookeri</i>	H	R	R	R			H		H		H	S3			Hooker's Orchid	ORCHIDACEAE	
U		<i>Platanthera lacera</i>	U	R	R	X	R	X	U	R	H	U	R	S4			Ragged Fringed Orchid	ORCHIDACEAE	
R	cz	<i>Platanthera leucophaea</i>	R	R	R	R		H						S2	END	END	Eastern Prairie Fringed Orchid	ORCHIDACEAE	
H		<i>Platanthera macrophylla</i>		H										S2			Greater Round-leaved Orchid	ORCHIDACEAE	formerly <i>P. orbiculata</i> var. <i>macrophylla</i>
R		<i>Platanthera orbiculata</i>	R	R	R	R	R				H		H	S4			Lesser Round-leaved Orchid	ORCHIDACEAE	
R		<i>Platanthera psycodes</i>		R	H	R	R	X	U	R	H	R		S4?			Small Purple Fringed Orchid	ORCHIDACEAE	
R		<i>Pogonia ophioglossoides</i>	H		R	R	R	X	R		H		H	S4S5			Rose Pogonia	ORCHIDACEAE	
U		<i>Spiranthes cernua</i>	R	R	X	X	U	X	C	U	R	U	R	S5			Nodding Ladies'-tresses	ORCHIDACEAE	
R	CZ	<i>Spiranthes lacera</i> var. <i>gracilis</i>		R	R		R				R		H	S1			Southern Slender Ladies'-tresses	ORCHIDACEAE	
R		<i>Spiranthes lacera</i> var. <i>lacera</i>			R				R		R		H	S4S5			Northern Slender Ladies'-tresses	ORCHIDACEAE	
R		<i>Spiranthes lucida</i>	R	R	R	R	R	X	R	R	R	R	R	S4			Shining Ladies'-tresses	ORCHIDACEAE	
R	cz	<i>Spiranthes magnicamporum</i>	R	R	R	R	U		R	R	R			S3?			Great Plains Ladies'-tresses	ORCHIDACEAE	
R	cz	<i>Spiranthes ochroleuca</i>		R	R	R	R		R		R			S2			Yellow Ladies'-tresses	ORCHIDACEAE	
R	CZ	<i>Spiranthes ovalis</i>	R		R									S1			Oval Ladies'-tresses	ORCHIDACEAE	var. <i>erostellata</i> in CZ
R		<i>Spiranthes romanzoffiana</i>		R	R	R	R	X	R	R	H	R	R	S5			Hooded Ladies'-tresses	ORCHIDACEAE	
R	CZ	<i>Triphora trianthophoros</i>	R	R										S1	END	END	Nodding Pogonia	ORCHIDACEAE	
R	cz	<i>Hypoxis hirsuta</i>	R	R	R	R			R	R	H	H	H	S2S3			Eastern Yellow Stargrass	HYPOXIDACEAE	
IR		<i>Crocus vernus</i>											IR	SE1			Spring Crocus	IRIDACEAE	
R	CZ	<i>Iris brevicaulis</i>	R											S1			Short-stemmed Iris	IRIDACEAE	
H		<i>Iris lacustris</i>	H											S3	SC	SC	Dwarf Lake Iris	IRIDACEAE	

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IU		<i>Iris pseudacorus</i>	IU	IR	IR	IR	IR		IU	IX	IU	IX	IU	SE3			Yellow Iris	IRIDACEAE	
IR		<i>Iris sibirica</i>	IH										IR	SE1			Siberian Iris	IRIDACEAE	
C		<i>Iris versicolor</i>		X	R	X	X	X	C	C	C	C	U	S5			Harlequin Blue Flag	IRIDACEAE	
U	cz	<i>Iris virginica</i>	C	X	X	U	X		U		X	R	R	S5			Southern Blue Flag	IRIDACEAE	
hyb		<i>Iris x germanica</i>				hyb				hyb		hyb	hyb	hyb			(<i>Iris pallida</i> X <i>Iris variegata</i>)	IRIDACEAE	sometimes treated as a species, <i>I. germanica</i>
R	CZ	<i>Sisyrinchium albidum</i>	R		R									S1			White Blue-eyed-grass	IRIDACEAE	
R		<i>Sisyrinchium angustifolium</i>	C	R	X	R	R	X	R	R	U			S4			Narrow-leaved Blue-eyed-grass	IRIDACEAE	
C		<i>Sisyrinchium montanum</i>	?	X	X	X	C	X	C	C	C	C	R	S5			Strict Blue-eyed-grass	IRIDACEAE	both var. <i>crebrum</i> and var. <i>montanum</i> likely occur in the CZ
R		<i>Sisyrinchium mucronatum</i>	?	R	X	R			R	R	R			S4			Mucronate Blue-eyed-grass	IRIDACEAE	
IU		<i>Hemerocallis fulva</i>	IU	IX	IX	IX	IU	IX	IU	IX	IX	IX	IC	SE5			Orange Daylily	XANTHORRHOEACEAE	
IR		<i>Hemerocallis lilioasphodelus</i>				IR	IR		IR			IR	IR	SE4			Yellow Daylily	XANTHORRHOEACEAE	
C		<i>Allium canadense</i>	C	X	X	U	U	X	C	U	U	C	R	S5			Canada Garlic	AMARYLLIDACEAE	
IR		<i>Allium cepa</i>	IR							IR		IR		SE1			Garden Onion	AMARYLLIDACEAE	may not persist for long outside cultivation
R	cz	<i>Allium cernuum</i>	R				R							S2			Nodding Onion	AMARYLLIDACEAE	occasionally planted; EL record may be non-native
IR		<i>Allium oleraceum</i>										IR		SE1			Field Garlic	AMARYLLIDACEAE	may not persist for long outside cultivation
IR		<i>Allium sativum</i>	IR			IR	IR		IR		IU	IX	IR	SE2			Cultivated Garlic	AMARYLLIDACEAE	
IR		<i>Allium schoenoprasum</i>				IR				IR	IR	IR	IR	SE2			European Chives	AMARYLLIDACEAE	var. <i>schoenoprasum</i>
R	cz	<i>Allium tricoccum</i> var. <i>burdickii</i>	R			R			R			R		S1?			Narrow-leaved Wild Leek	AMARYLLIDACEAE	sometimes called <i>A. burdickii</i>
C		<i>Allium tricoccum</i> var. <i>tricoccum</i>	R	X	R	C	C	X	C	C	U	C	C	S4			Wild Leek	AMARYLLIDACEAE	
IR		<i>Allium tuberosum</i>										IR	IH	SE1			Chinese Chives	AMARYLLIDACEAE	
IR		<i>Allium vineale</i>	IR		IX	IR			IR		IU	IX	IU	SE2			Wild Garlic	AMARYLLIDACEAE	
IR		<i>Galanthus nivalis</i>				IR							IX	SE1			Snowdrop	AMARYLLIDACEAE	
IR		<i>Narcissus poeticus</i>										IR	IR	SE1			Poets' Narcissus	AMARYLLIDACEAE	
IR		<i>Narcissus pseudonarcissus</i>	IR			IR						IR	IR	SE2			Common Daffodil	AMARYLLIDACEAE	
IC		<i>Asparagus officinalis</i>	IC	IX	IX	IC	IC	IX	IC	IX	IC	IX	IC	SE5			Garden Asparagus	ASPARAGACEAE	
R	CZ	<i>Camassia scilloides</i>	R											S1	THR	THR	Eastern Camas	ASPARAGACEAE	
IX		<i>Convallaria majalis</i>	IR	IX	IX	IR	IR	IX	IR	IX	IU	IX	IC	SE5			European Lily-of-the-valley	ASPARAGACEAE	
IR		<i>Hyacinthoides hispanica</i>											IR	SE1			Spanish Bluebell	ASPARAGACEAE	
C		<i>Maianthemum canadense</i>	C	X	X	X	C	X	C	C	C	C	C	S5			Wild Lily-of-the-valley	ASPARAGACEAE	most records ssp. <i>canadense</i> , though ssp. <i>interius</i> present also

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C		<i>Maianthemum racemosum</i>	C	X	X	X	C	X	C	C	C	C	C	S5			Large False Solomon's Seal	ASPARAGACEAE	formerly included in Smilacina
C		<i>Maianthemum stellatum</i>	C	X	X	X	C	X	C	C	U	C	C	S5			Star-flowered False Solomon's Seal	ASPARAGACEAE	formerly included in Smilacina
U		<i>Maianthemum trifolium</i>	H		R	R	R	X	U	U	R	U		S5			Three-leaved Solomon's Seal	ASPARAGACEAE	formerly included in Smilacina
IR		<i>Muscari botryoides</i>			IH	IR			IR		IR	IX	IR	SE3			Common Grape-hyacinth	ASPARAGACEAE	
IR		<i>Ornithogalum nutans</i>							IR		IH	IR		SE1			Drooping Star-of-Bethlehem	ASPARAGACEAE	
IR		<i>Ornithogalum umbellatum</i>	IR	IX	IX	IR	IR		IR		IR	IR	IR	SE3			Common Star-of-Bethlehem	ASPARAGACEAE	
U	cz	<i>Polygonatum biflorum</i> var. <i>commutatum</i>	C	X	R	R	R		U	U	R	R		S4			Giant Solomon's Seal	ASPARAGACEAE	
H	CZ	<i>Polygonatum biflorum</i> var. <i>melleum</i>				H								SH			Honey-flowered Solomon's Seal	ASPARAGACEAE	
IR		<i>Polygonatum multiflorum</i>				IR						IR	IR	SE1			Eurasian Solomon's Seal	ASPARAGACEAE	
C		<i>Polygonatum pubescens</i>	C	X	X	X	C	X	C	C	C	C	C	S5			Hairy Solomon's Seal	ASPARAGACEAE	
IR		<i>Scilla siberica</i>				IR					IR	IR	IR	SE2			Siberian Squill	ASPARAGACEAE	
IR		<i>Yucca flaccida</i>		IX	IR	IR	IR			IR	IR	IR	IR	SE1			Weak-leaved Yucca	ASPARAGACEAE	CZ reports of <i>Y. filamentosa</i> likely belong here
IR		<i>Commelina communis</i>	IR	IX	IX	IR	IR		IU		IR	IX	IX	SE3			Asiatic Dayflower	COMMELINACEAE	
R	CZ	<i>Tradescantia ohioensis</i>	R		R				H					S2			Ohio Spiderwort	COMMELINACEAE	
IR		<i>Tradescantia virginiana</i>		IR	?							IR	IR	SE1			Virginia Spiderwort	COMMELINACEAE	
IR		<i>Eichhornia crassipes</i>	IR			IR							IR	SE1			Common Water-hyacinth	PONTEDERIACEAE	
R		<i>Heteranthera dubia</i>	R	R	X	R			U		R	R	R	S5			Grassleaf Mud-plantain	PONTEDERIACEAE	
R		<i>Pontederia cordata</i>	R	R	X				U		R	IR	H	S5			Pickereel Weed	PONTEDERIACEAE	
R		<i>Sparganium americanum</i>				R	R	X	R	R	R	R	R	S5			American Burreed	TYPHACEAE	
H		<i>Sparganium androcladum</i>	H		?	H					H			SH			Branching Burreed	TYPHACEAE	
U		<i>Sparganium emersum</i>	R	R	R	R	R	X	U	X		C	R	S5			Green-fruited Burreed	TYPHACEAE	including <i>S. chlorocarpum</i> ; some records may be <i>S. acaule</i> (= <i>S. emersum</i> ssp. <i>acaule</i>)
C		<i>Sparganium eurycarpum</i>	C	X	X	X	U	X	C	C	C	C	R	S5			Broad-fruited Burreed	TYPHACEAE	
R		<i>Sparganium natans</i>		R	R	R			R					S5			Small Burreed	TYPHACEAE	including <i>S. minimum</i>
IC		<i>Typha angustifolia</i>	C	IX	IX	IX	IC	IX	IC	IX	IC	IX	IC	SE5			Narrow-leaved Cattail	TYPHACEAE	sometimes considered native
C		<i>Typha latifolia</i>	U	X	X	X	C	X	C	C	C	C	C	S5			Broad-leaved Cattail	TYPHACEAE	

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hyb		<i>Typha x glauca</i>	hyb		hyb	hyb	hyb		hyb	hyb	hyb	hyb	hyb	hyb			(<i>Typha angustifolia</i> X <i>Typha latifolia</i>)	TYPHACEAE	
R	CZ	<i>Juncus acuminatus</i>	R		R	R	R		U	R	R	R	H	S3			Sharp-fruited Rush	JUNCACEAE	
R		<i>Juncus alpinarticulatus</i>	R	R	X	R	R		C	C	R	R	R	S5			Alpine Rush	JUNCACEAE	formerly <i>J. alpinus</i>
R	CZ	<i>Juncus anthelatus</i>	R											S1			Greater Poverty Rush	JUNCACEAE	
U		<i>Juncus articulatus</i>	R	X	X	R	R	X	U	X	U	C	C	S5			Jointed Rush	JUNCACEAE	
U		<i>Juncus balticus</i>	R	X	X	U	U	X	U	C	U	R	R	S5			Baltic Rush	JUNCACEAE	
R	CZ	<i>Juncus biflorus</i>	R						R					S1			Two-flowered Rush	JUNCACEAE	
R	CZ	<i>Juncus brachycarpus</i>	R											S1			Short-fruited Rush	JUNCACEAE	
R		<i>Juncus brachycephalus</i>	R	X	X	R	R	X	U	X	R		R	S4S5			Short-headed Rush	JUNCACEAE	
R		<i>Juncus brevicaudatus</i>			R		R		R					S5			Narrow-panicled Rush	JUNCACEAE	
C		<i>Juncus bufonius</i>	R	X	R	U	U	X	C		U	C	R	S5			Toad Rush	JUNCACEAE	
R		<i>Juncus canadensis</i>	R	R	R	X	R	X	U	R	R	R		S5			Canada Rush	JUNCACEAE	
IR		<i>Juncus compressus</i>	IR	IR	IX	IR	IR	IX	IR		IR	IX	IR	SE5			Flattened Rush	JUNCACEAE	
C		<i>Juncus dudleyi</i>	C	X	X	C	C	X	C	C	C	C	C	S5			Dudley's Rush	JUNCACEAE	
C		<i>Juncus effusus</i>	C		R	X	C	X	R	C	C	C	C	S5?			Soft Rush	JUNCACEAE	var. <i>solutus</i> ; var. <i>effusus</i> may occur also
IR		<i>Juncus gerardii</i>	IR	IX	IX	IR	IR				IR	IX	IR	SE3			Black-grass Rush	JUNCACEAE	
R	CZ	<i>Juncus greenei</i>	R		R				R					S3			Greene's Rush	JUNCACEAE	
IR		<i>Juncus inflexus</i>										IR		SE1			Incurved Rush	JUNCACEAE	
R		<i>Juncus interior</i>	R		R		R							S4			Inland Rush	JUNCACEAE	
IR		<i>Juncus longistylis</i>	IH	IR										S3			Long-styled Rush	JUNCACEAE	introduced in CZ
R	CZ	<i>Juncus marginatus</i>	R			R	R		U		R			S3			Grass-leaved Rush	JUNCACEAE	
U		<i>Juncus nodosus</i>	U	X	X	X	U	X	U	C	R	R	R	S5			Knotted Rush	JUNCACEAE	
R		<i>Juncus pelocarpus</i>			H	R								S5			Brown-fruited Rush	JUNCACEAE	
C		<i>Juncus pylaei</i>	X		R	X	X	X	C	C	X	C	R	S5?			Pylae's Soft Rush	JUNCACEAE	
R		<i>Juncus secundus</i>	R											S3			One-sided Rush	JUNCACEAE	
C		<i>Juncus tenuis</i>	C	X	X	X	C	X	C	C	C	C	C	S5			Path Rush	JUNCACEAE	
C		<i>Juncus torreyi</i>	C	X	X	U	U	X	U	U	U	C	U	S5			Torrey's Rush	JUNCACEAE	
R		<i>Juncus vaseyi</i>			R									S3			Vasey's Rush	JUNCACEAE	
hyb		<i>Juncus x nodosiformis</i>	hyb	hyb		hyb	hyb							hyb			(<i>Juncus alpinarticulatus</i> X <i>Juncus nodosus</i>)	JUNCACEAE	
C		<i>Luzula acuminata</i>	R	R	X	X	U	X	C	C	U	C	R	S5			Hairy Woodrush	JUNCACEAE	
IR		<i>Luzula campestris</i>								IH	IR			SE1			Field Woodrush	JUNCACEAE	
R	CZ	<i>Luzula echinata</i>	R	R										S1			Hedgehog Woodrush	JUNCACEAE	
IR		<i>Luzula luzuloides</i>				IR								SE1			Forest Woodrush	JUNCACEAE	
C		<i>Luzula multiflora</i>	U	R	X	X	C	X	U	C	U	C	R	S5			Many-flowered Woodrush	JUNCACEAE	ssp. <i>multiflora</i>
R		<i>Bolboschoenus fluviatilis</i>	U	R	R	R	R		R	R	R	R	R	S4S5			River Bulrush	CYPERACEAE	formerly <i>Scirpus fluviatilis</i>
IR		<i>Bolboschoenus maritimus</i>			IR									SE1			Saltmarsh Bulrush	CYPERACEAE	ssp. <i>maritimus</i> ; formerly <i>Scirpus maritimus</i>
R		<i>Bulbostylis capillaris</i>	R		R	IR	IR	IX	IR		IR			S4			Hair-like Bulbostylis	CYPERACEAE	native and introduced in CZ

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CZ	CZ RESTR	SCIENTIFIC NAME	ES	CK	LB	MD	EL	OX	HN	BR	NG	HM	7E4	S-RANK	COSEWIC	SARO	ENGLISH NAME	FAMILY	CAROLINIAN ZONE NOTES
R	CZ	<i>Carex aggregata</i>	R				R							S1			Smooth Clustered Sedge	CYPERACEAE	EL population possibly introduced
R	CZ	<i>Carex alata</i>							R					S1			Broad-winged Sedge	CYPERACEAE	
R	cz	<i>Carex albicans</i> var. <i>albicans</i>	R	R	?				R	R	U	R		S3			White-tinged Sedge	CYPERACEAE	formerly <i>C. artictecta</i>
R		<i>Carex albicans</i> var. <i>emmonsii</i>		R								R		S2			Emmons' White-tinged Sedge	CYPERACEAE	formerly <i>C. emmonsii</i>
C		<i>Carex albursina</i>	R	R	X	C	U	X	U	C	U	C	U	S5			White Bear Sedge	CYPERACEAE	
U		<i>Carex alopecoidea</i>	U	R	X	U	R	X	U	X	R	U	R	S4			Foxtail Sedge	CYPERACEAE	
R	CZ	<i>Carex amphibola</i>	R	R	R				R		R			S2			Eastern Narrow-leaved Sedge	CYPERACEAE	excluding var. <i>turgida</i> (= <i>C. grisea</i>)
R	cz	<i>Carex annectens</i>	R		R						R			S2			Yellow-fruited Sedge	CYPERACEAE	often confused with <i>C. vulpinoidea</i>
R	cz	<i>Carex appalachica</i>		R			U		R		R		R	S2S3			Appalachian Sedge	CYPERACEAE	
U		<i>Carex aquatilis</i>	C	U	R	R	U	X	U	X	R	U	R	S5			Calcareous Water Sedge	CYPERACEAE	all records are likely ssp. <i>substricta</i>
C		<i>Carex arctata</i>		R	R	C	U	X	C	C	R	C	C	S5			Drooping Woodland Sedge	CYPERACEAE	
R		<i>Carex argyrantha</i>		?					R					S2?			Silvery-flowered Sedge	CYPERACEAE	
R		<i>Carex atherodes</i>	U	R	R	R	R	X	R			R	R	S4			Wheat Sedge	CYPERACEAE	
R		<i>Carex atlantica</i>				R								S1S2			Atlantic Sedge	CYPERACEAE	ssp. <i>capillacea</i> in CZ
C		<i>Carex aurea</i>	R	X	R	C	R	X	C	X	U	C	C	S5			Golden Sedge	CYPERACEAE	
R		<i>Carex backii</i>						R	R		R		R	S4			Back's Sedge	CYPERACEAE	
C		<i>Carex bebbii</i>	C	X	X	C	C	X	C	C	C	C	C	S5			Bebb's Sedge	CYPERACEAE	
R	cz	<i>Carex bicknellii</i>	R	R	R					R		R		S2			Bicknell's Sedge	CYPERACEAE	
R		<i>Carex billingsii</i>				R					R	R		S4			Billings' Sedge	CYPERACEAE	formerly <i>C. trisperma</i> var. <i>billingsii</i>
C		<i>Carex blanda</i>	C	X	X	C	C	X	C	C	C	C	C	S5			Woodland Sedge	CYPERACEAE	
R		<i>Carex brevior</i>	R	R	R	R	R		R	X	H			S4			Short-beaked Sedge	CYPERACEAE	
C		<i>Carex bromoides</i>	C	R	R	C	C	X	C	C	C	C	R	S5			Brome-like Sedge	CYPERACEAE	
U		<i>Carex brunnescens</i>				R	R	X	C	X	U	R	R	S5			Brownish Sedge	CYPERACEAE	
R		<i>Carex buxbaumii</i>	R		X		R		U		R		R	S5			Buxbaum's Sedge	CYPERACEAE	
U		<i>Carex canescens</i>	R		H	R	R	X	C	X	U	U	R	S5			Hoary Sedge	CYPERACEAE	
R		<i>Carex capillaris</i>			H								R	S5			Hair-like Sedge	CYPERACEAE	ssp. <i>capillaris</i>
R	cz	<i>Carex careyana</i>		R	R	R	R	R	R	R		R		S2			Carey's Sedge	CYPERACEAE	
R		<i>Carex castanea</i>			R							R		S5			Chestnut Sedge	CYPERACEAE	
U		<i>Carex cephaloidea</i>	U	X	R	U	R	X	U	X	R	R	R	S4			Thin-leaved Sedge	CYPERACEAE	
C		<i>Carex cephalophora</i>	C	X	X	C	U	X	C	C	C	C	U	S5			Oval-leaved Sedge	CYPERACEAE	
R		<i>Carex chordorrhiza</i>			R	R		X	R					S5			Creeping Sedge	CYPERACEAE	
C		<i>Carex communis</i>	R	R	R	C	U	X	C	X	C	C	C	S5			Fibrous-root Sedge	CYPERACEAE	
C		<i>Carex comosa</i>	U	X	X	C	R	X	C	C	U	C	R	S5			Bristly Sedge	CYPERACEAE	
R		<i>Carex conoidea</i>	R	R	R	R					R		H	S3			Field Sedge	CYPERACEAE	
R		<i>Carex crawei</i>	R	R	R	R			R		R			S4			Crawe's Sedge	CYPERACEAE	
H		<i>Carex crawfordii</i>			H				H			IR		S5			Crawford's Sedge	CYPERACEAE	
C		<i>Carex crinita</i>	C	X	X	C	C	X	C	C	C	C	R	S5			Fringed Sedge	CYPERACEAE	
C		<i>Carex cristatella</i>	C	X	X	C	C	X	C	C	U	C	C	S5			Crested Sedge	CYPERACEAE	
R	CZ	<i>Carex crus-corvi</i>	R		R									S1			Ravenfoot Sedge	CYPERACEAE	
R		<i>Carex cryptolepis</i>	?		R	R	R	X	R		R	R		S4			Northeastern Sedge	CYPERACEAE	

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R		<i>Carex cumulata</i>									R			S4			Clustered Sedge	CYPERACEAE	
R	CZ	<i>Carex davisii</i>	U		R						R			S2			Davis' Sedge	CYPERACEAE	
R		<i>Carex debilis</i>					R		R					S5			White-edge Sedge	CYPERACEAE	var. rudgei in CZ
C		<i>Carex deweyana</i>	R	R	R	C	U	X	C	C	U	C	R	S5			Dewey's Sedge	CYPERACEAE	
R		<i>Carex diandra</i>	H	R	R	R	R	X	R	R	H	R	R	S5			Lesser Panicled Sedge	CYPERACEAE	
C		<i>Carex digitalis</i>	R	R	R	U	C	X	C	R	U	C	R	S4S5			Slender Woodland Sedge	CYPERACEAE	var. digitalis in CZ
U		<i>Carex disperma</i>			R	R	R	X	U	X	R	U	R	S5			Two-seeded Sedge	CYPERACEAE	
IR		<i>Carex divulsa</i>				IR							IR	SE1			Grassland Sedge	CYPERACEAE	
R		<i>Carex eburnea</i>	R	R	R	R	R	X	R	X	U	C	R	S5			Bristle-leaved Sedge	CYPERACEAE	
R		<i>Carex echinata</i>						R						S5			Star Sedge	CYPERACEAE	
R		<i>Carex echinodes</i>	R	R	R	R					R	R	R	S4			Quill Sedge	CYPERACEAE	formerly included in <i>C. tenera</i> (as var. <i>echinodes</i>)
R	cz	<i>Carex emoryi</i>	R	X	R	U	R	R	R	R				S4			Riverbank Sedge	CYPERACEAE	
R	CZ	<i>Carex festuceacea</i>	R											S1			Fescue Sedge	CYPERACEAE	
IR		<i>Carex flacca</i>				IH				IX		IR	IR	SE2			Heath Sedge	CYPERACEAE	
U		<i>Carex flava</i>	?		R	C	R	X	R	C	R	C	R	S5			Yellow Sedge	CYPERACEAE	
IR		<i>Carex foenea</i>				IR		X						S5			Bronze Sedge	CYPERACEAE	probably introduced in CZ (only record from a railway yard); formerly <i>C. aenea</i>
R		<i>Carex formosa</i>		R	R	R		R	R	R	H	R	R	S4			Handsome Sedge	CYPERACEAE	
R	CZ	<i>Carex frankii</i>	R				R							S2			Frank's Sedge	CYPERACEAE	
R		<i>Carex garberi</i>		R	R	R	R		R		R		R	S4			Garber's Sedge	CYPERACEAE	
R	CZ	<i>Carex glaucoidea</i>	R						R					S1			Blue Sedge	CYPERACEAE	
U	cz	<i>Carex gracilescens</i>	C	R	R	U	R		U	U	U	R	R	S4			Slender Loose-flowered Sedge	CYPERACEAE	
C		<i>Carex gracillima</i>	C	X	C	C	C	X	C	C	C	C	C	S5			Graceful Sedge	CYPERACEAE	
C		<i>Carex granularis</i>	C	X	X	C	C	X	C	C	C	C	C	S5			Limestone Meadow Sedge	CYPERACEAE	
H		<i>Carex gravida</i>	H											S1			Heavy Sedge	CYPERACEAE	
U	cz	<i>Carex grayi</i>	C	X	X	U	U		U	R	R	U	R	S4			Gray's Sedge	CYPERACEAE	
C	cz	<i>Carex grisea</i>	C	X	X	C	U	X	C	R	U	U	R	S4			Gray Sedge	CYPERACEAE	formerly <i>C. amphibola</i> var. <i>turgida</i>
R		<i>Carex gynandra</i>									R			S5			Nodding Sedge	CYPERACEAE	
R		<i>Carex gynocrates</i>			R							R		S5			Northern Bog Sedge	CYPERACEAE	
R	cz	<i>Carex hirsutella</i>	R	R	R	R	R		R		R			S3			Hairy Green Sedge	CYPERACEAE	
IR		<i>Carex hirta</i>				IU	IR		IR			IR		SE2			Hammer Sedge	CYPERACEAE	
C		<i>Carex hirtifolia</i>	C	R	X	C	C	X	C	U	U	C	R	S4S5			Pubescent Sedge	CYPERACEAE	
C		<i>Carex hitchcockiana</i>		R	R	U	U	X	U	U	C	C	R	S4S5			Hitchcock's Sedge	CYPERACEAE	
R	CZ	<i>Carex hyalinolepis</i>	C	R	R									S4			Shoreline Sedge	CYPERACEAE	
C		<i>Carex hystericina</i>	R	X	X	C	C	X	U	C	C	C	C	S5			Porcupine Sedge	CYPERACEAE	
R		<i>Carex inops</i>							R					S1S2			Long-stoloned Sedge	CYPERACEAE	ssp. heliophila in CZ
C		<i>Carex interior</i>	R	R	R	C	U	X	C	C	U	U	R	S5			Inland Sedge	CYPERACEAE	
C		<i>Carex intumescens</i>	U	X	C	C	U	X	C	C	C	C	U	S5			Bladder Sedge	CYPERACEAE	
R	cz	<i>Carex jamesii</i>	R	R	X	U	R	R	R	R	R	R	R	S4			James' Sedge	CYPERACEAE	
R		<i>Carex juniperorum</i>							R					S1	END	END	Juniper Sedge	CYPERACEAE	
C		<i>Carex lacustris</i>	C	X	X	C	C	X	C	C	C	C	U	S5			Lake Sedge	CYPERACEAE	
U	cz	<i>Carex laevivaginata</i>	R	R	R	U	R	X	C	C	R	U	R	S4			Smooth-sheathed Sedge	CYPERACEAE	

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R		<i>Carex lasiocarpa</i>	R	R	R	R	R	X	R	R	R		H	S5			Woolly-fruited Sedge	CYPERACEAE	
R		<i>Carex laxiculmis</i> var. <i>copulata</i>	X	R	R	R	R	X		X	R	R	R	S4?			Bright-green Spreading Sedge	CYPERACEAE	sometimes considered a hybrid
C		<i>Carex laxiculmis</i> var. <i>laxiculmis</i>	C	R	R	U	U	X	C	X	U	C	R	S4			Spreading Sedge	CYPERACEAE	
C		<i>Carex laxiflora</i>	R	X	R	C	U	X	C	C	C	C	U	S5			Loose-flowered Sedge	CYPERACEAE	
R	CZ	<i>Carex leavenworthii</i>	R											S1			Leavenworth's Sedge	CYPERACEAE	
IR		<i>Carex leersii</i>	IR											SE2			Leers' Sedge	CYPERACEAE	sometimes included in <i>C. divulsa</i>
U		<i>Carex leptalea</i>	R	R	R	U	U	X	U	C	R	C	R	S5			Bristle-stalked Sedge	CYPERACEAE	
U		<i>Carex leptonevia</i>		R	R	U	U	X	U	X	R	C	R	S5			Finely-nerved Sedge	CYPERACEAE	
R		<i>Carex limosa</i>			R	R		X	R		R			S5			Mud Sedge	CYPERACEAE	
H		<i>Carex livida</i>			H									S5			Livid Sedge	CYPERACEAE	
R		<i>Carex lucorum</i>						R	R					S4			Forest Sedge	CYPERACEAE	
R	cz	<i>Carex lupuliformis</i>	R		R	R	R				?			S1	END	END	False Hop Sedge	CYPERACEAE	
C		<i>Carex lupulina</i>	C	X	X	C	C	X	C	C	C	C	U	S5			Hop Sedge	CYPERACEAE	
U		<i>Carex lurida</i>	R		R	R	R	X	C		U	R		S4S5			Sallow Sedge	CYPERACEAE	
R		<i>Carex magellanica</i>			R	R		X	R		R	R		S5			Boreal Bog Sedge	CYPERACEAE	formerly <i>C. paupercula</i>
R	CZ	<i>Carex meadii</i>	R	R	R	R	R							S2			Mead's Sedge	CYPERACEAE	sometimes hard to distinguish from <i>C. tetanica</i>
R		<i>Carex merritt-feraldii</i>			?		R		R					S4			Fernald's Sedge	CYPERACEAE	CZ records should be checked
R		<i>Carex mesochorea</i>								R		H		S1			Midland Sedge	CYPERACEAE	possibly introduced in CZ
C		<i>Carex molesta</i>	C	X	X	U	C	X	U	C	U	C	R	S4S5			Troublesome Sedge	CYPERACEAE	
R		<i>Carex muehlenbergii</i> var. <i>enervis</i>								R				S1S2			Nerveless Muhlenberg's Sedge	CYPERACEAE	
R		<i>Carex muehlenbergii</i> var. <i>muehlenbergii</i>	R	R	X	R	R	X	C	X	R	R	R	S4S5			Muhlenberg's Sedge	CYPERACEAE	
IR		<i>Carex muricata</i>							IR					SE1			Lesser Prickly Sedge	CYPERACEAE	
R	CZ	<i>Carex muskingumensis</i>	C	R	R	R								S3			Muskingum Sedge	CYPERACEAE	
R	CZ	<i>Carex nigromarginata</i>								R				S1			Black-edged Sedge	CYPERACEAE	
U	cz	<i>Carex normalis</i>	C	X	X	R	R	X	U	X	R	C	R	S4			Larger Straw Sedge	CYPERACEAE	
R	cz	<i>Carex oligocarpa</i>	R				H				R	R		S3			Eastern Few-fruited Sedge	CYPERACEAE	
R		<i>Carex oligosperma</i>			H	H	R				R	R		S5			Few-seeded Sedge	CYPERACEAE	
R		<i>Carex ormostachya</i>									R			S4			Necklace Spike Sedge	CYPERACEAE	
R		<i>Carex pallescens</i>				R	R			R	R	R	R	S4			Pale Sedge	CYPERACEAE	
IR		<i>Carex parryana</i>				IR								S1			Parry's Sedge	CYPERACEAE	introduced in CZ
R		<i>Carex pauciflora</i>				H					R			S5			Few-flowered Sedge	CYPERACEAE	
R		<i>Carex peckii</i>			?	R	R	X	R	R	R	R	U	S5			Peck's Sedge	CYPERACEAE	
C		<i>Carex pedunculata</i>	R	X	X	C	C	X	C	C	C	C	C	S5			Long-stalked Sedge	CYPERACEAE	
C		<i>Carex pellita</i>	C	R	X	C	R	X	C	C	R	C	R	S5			Woolly Sedge	CYPERACEAE	formerly <i>C. lanuginosa</i>
C		<i>Carex pennsylvanica</i>	C	X	X	C	C	X	C	C	C	C	C	S5			Pennsylvania Sedge	CYPERACEAE	
C		<i>Carex plantaginea</i>	R	X	R	C	C	X	U	C	U	C	U	S5			Plantain-leaved Sedge	CYPERACEAE	

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U		<i>Carex platyphylla</i>			R		R		U	R	U	C	U	S4S5			Broad-leaved Sedge	CYPERACEAE	
IU		<i>Carex praegracilis</i>	IU	IX	IX	IU	IU	IX	IR		IR	IX	IR	SE5			Clustered Field Sedge	CYPERACEAE	
R		<i>Carex prairea</i>	R		?	R	R		R	R	R		R	S5			Prairie Sedge	CYPERACEAE	
R		<i>Carex prasina</i>		R	R	R	U		C		R	U	H	S4			Drooping Sedge	CYPERACEAE	
IR		<i>Carex praticola</i>	IR				IR							S2S3			Northern Meadow Sedge	CYPERACEAE	introduced in CZ
R		<i>Carex projecta</i>	R	R	R	U	R	X	R	R	R	U	R	S5			Necklace Sedge	CYPERACEAE	
U		<i>Carex pseudocyperus</i>	R	R	R	U	U	X	U	C	U	C	C	S5			Cyperus-like Sedge	CYPERACEAE	
C		<i>Carex radiata</i>	C	X	X	C	C	X	U	C	C	C	C	S5			Eastern Star Sedge	CYPERACEAE	formerly <i>C. rosea</i>
R	CZ	<i>Carex retroflexa</i>	R								R			S2			Reflexed Sedge	CYPERACEAE	
C		<i>Carex retrorsa</i>	R	R	R	C	C	X	C	C	U	C	U	S5			Retorse Sedge	CYPERACEAE	
R		<i>Carex richardsonii</i>	R		R	R	H		R		H			S4			Richardson's Sedge	CYPERACEAE	
C		<i>Carex rosea</i>	C	X	C	C	C	X	C	C	C	C	C	S5			Rosy Sedge	CYPERACEAE	formerly <i>C. convoluta</i>
R		<i>Carex sartwellii</i>	U	R	R				R					S4			Sartwell's Sedge	CYPERACEAE	
U		<i>Carex scabrata</i>			R	U	C	X	U	U	R	U	U	S5			Eastern Rough Sedge	CYPERACEAE	
R		<i>Carex schweinitzii</i>				R	R	X	U	R				S3			Schweinitz's Sedge	CYPERACEAE	
U		<i>Carex scoparia</i>	R	U	R		R		C	R	U	C	U	S5			Pointed Broom Sedge	CYPERACEAE	
U	CZ	<i>Carex seorsa</i>				R	R		U		U			S2			Weak Stellate Sedge	CYPERACEAE	
R	CZ	<i>Carex shortiana</i>	R				R							S1			Short's Sedge	CYPERACEAE	
R		<i>Carex siccata</i>	R	R	R	R	R	X	U	C			R	S4			Dry-spike Sedge	CYPERACEAE	formerly <i>C. foenea</i>
C		<i>Carex sparganioides</i>	C	X	X	U	U	X	C	C	U	C	R	S4S5			Burreed Sedge	CYPERACEAE	
IC		<i>Carex spicata</i>	IR	IX	IX	IC	IR	IX	IC	IX	IC	IC	IC	SE5			Spiked Sedge	CYPERACEAE	
R		<i>Carex sprengei</i>			R	U	R		R	X	R	R	R	S5			Sprengel's Sedge	CYPERACEAE	
R	CZ	<i>Carex squarrosa</i>	C	R							H			S2			Squarrose Sedge	CYPERACEAE	
R		<i>Carex sterilis</i>				R	R			R	R			S4			Sterile Sedge	CYPERACEAE	
C		<i>Carex stipata</i>	C	X	X	C	C	X	C	C	C	C	C	S5			Awl-fruited Sedge	CYPERACEAE	
C		<i>Carex stricta</i>	C	U	X	C	C	X	C	C	U	C	R	S5			Tussock Sedge	CYPERACEAE	
R	CZ	<i>Carex suberecta</i>	R		R	R								S2			Prairie Straw Sedge	CYPERACEAE	
U	cz	<i>Carex swanii</i>	C	R	R	R	R		C		U			S4			Swan's Sedge	CYPERACEAE	
R		<i>Carex sychnocephala</i>			R	R						R	H	S4			Many-headed Sedge	CYPERACEAE	
IR		<i>Carex sylvatica</i>				IR					IR			SE2			European Woodland Sedge	CYPERACEAE	
C		<i>Carex tenera</i>	C	X	X	U	U	X	C	C	C	C	C	S5			Tender Sedge	CYPERACEAE	
H		<i>Carex tenuiflora</i>			H	H								S5			Sparse-flowered Sedge	CYPERACEAE	
R		<i>Carex tetanica</i>	R	R	R	R	R		R	R	R			S3?			Rigid Sedge	CYPERACEAE	
R		<i>Carex tonsa</i> var. <i>rugosperma</i>			R	R	R	X	U		R	R	U	S5			Rough-fruited Deep-green Sedge	CYPERACEAE	sometimes called <i>C. rugosperma</i>
R		<i>Carex tonsa</i> var. <i>tonsa</i>			R									S5			Deep-green Sedge	CYPERACEAE	
H	CZ	<i>Carex torta</i>				H								SX			Twisted Sedge	CYPERACEAE	
C		<i>Carex tribuloides</i>	C	X	X	U	U	X	C		U	C	R	S4			Blunt Broom Sedge	CYPERACEAE	
R	cz	<i>Carex trichocarpa</i>		R		U	R	R	R	R			R	S3			Hairy-fruited Sedge	CYPERACEAE	
R		<i>Carex trisperma</i>			H	R	R	X	U	R	R	R	?	S5			Three-seeded Sedge	CYPERACEAE	
U		<i>Carex tuckermanii</i>	R		R	R	R	X	U	X	U	C	U	S5			Tuckerman's Sedge	CYPERACEAE	
R		<i>Carex typhina</i>	R											S2			Cattail Sedge	CYPERACEAE	
R		<i>Carex umbellata</i>	R	R	R	R			R	R	R	R		S5			Umbellate Sedge	CYPERACEAE	

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R		<i>Carex utriculata</i>	R		R	U	R	X	R	R	R	C	R	S5			Northern Beaked Sedge	CYPERACEAE	including CZ records of <i>C. rostrata</i>
H		<i>Carex vaginata</i>											H	S5			Sheathed Sedge	CYPERACEAE	
R		<i>Carex vesicaria</i>			R	R	R				R			S5			Inflated Sedge	CYPERACEAE	
R	CZ	<i>Carex virescens</i>	R			R	R		U		R	R		S3			Ribbed Sedge	CYPERACEAE	
R		<i>Carex viridula</i>	R	R	X	R	R		U	C	U	R	R	S5			Greenish Sedge	CYPERACEAE	ssp. <i>viridula</i> in CZ
C		<i>Carex vulpinoidea</i>	C	X	X	C	C	X	C	C	C	C	C	S5			Fox Sedge	CYPERACEAE	
R	CZ	<i>Carex willdenowii</i>							R	R	R			S1			Willdenow's Sedge	CYPERACEAE	
U	cz	<i>Carex woodii</i>	R	R	X	C	U	X	C	U	R	C	R	S4			Wood's Sedge	CYPERACEAE	
hyb		<i>Carex x subimpressa</i>	hyb	hyb	hyb									hyb			(<i>Carex hyalinolepis</i> X <i>Carex pellita</i>)	CYPERACEAE	
hyb		<i>Carex x subviridula</i>				hyb			hyb	hyb				hyb			(<i>Carex flava</i> X <i>Carex viridula</i> ssp. <i>viridula</i>)	CYPERACEAE	
hyb		<i>Carex x sullivantii</i>	hyb											hyb			(<i>Carex gracillima</i> X <i>Carex hirtifolia</i>)	CYPERACEAE	
R		<i>Cladium mariscoides</i>	H	R	X	R	R	X	U		H	R	H	S5			Twig Rush	CYPERACEAE	
U		<i>Cyperus bipartitus</i>	U	X	X	U	U	X	C	X	U	R	R	S5			Shining Flatsedge	CYPERACEAE	formerly <i>C. rivularis</i>
R		<i>Cyperus diandrus</i>	R	R	R	H			R		R	R	H	S4			Umbrella Flatsedge	CYPERACEAE	
U		<i>Cyperus erythrorhizos</i>	C	R	R	R	R	X	U		U	R	R	S4			Red-rooted Flatsedge	CYPERACEAE	
C		<i>Cyperus esculentus</i>	C	X	X	C	C	X	U	U	U	C	R	S5			Perennial Yellow Flatsedge	CYPERACEAE	
R	CZ	<i>Cyperus flavescens</i>		R	R		R		U					S2			Annual Yellow Flatsedge	CYPERACEAE	
IR		<i>Cyperus fuscus</i>							IR	IR	IU		IR	SE2			Brown Flatsedge	CYPERACEAE	
R		<i>Cyperus houghtonii</i>	H		?				H					S3			Houghton's Flatsedge	CYPERACEAE	
R		<i>Cyperus lupulinus</i>	R	R	X	R	R	X	C	X	H	R	R	S4			Slender Flatsedge	CYPERACEAE	ssp. <i>macilentus</i>
U		<i>Cyperus odoratus</i>	C	X	X	R	R		U	X	U	R	R	S4			Rusty Flatsedge	CYPERACEAE	including <i>C. ferruginescens</i> , <i>C. engelmannii</i> , sometimes considered separate species or varieties
R		<i>Cyperus schweinitzii</i>	R	R	R		R		H		R	R	R	S3			Schweinitz's Flatsedge	CYPERACEAE	
R		<i>Cyperus squarrosus</i>	R			R								S4			Awned Flatsedge	CYPERACEAE	
C		<i>Cyperus strigosus</i>	C	X	X	R	U	X	C	R	U	U	R	S5			Straw-colored Flatsedge	CYPERACEAE	
hyb		<i>Cyperus x mesochorus</i>	hyb				hyb							hyb			(<i>Cyperus lupulinus</i> ssp. <i>macilentus</i> X <i>Cyperus schweinitzii</i>)	CYPERACEAE	
R		<i>Dulichium arundinaceum</i>	H		R	R	R	X	R	U	R	C		S5			Three-way Sedge	CYPERACEAE	
U		<i>Eleocharis acicularis</i>	R	X	R	R	R	X	U	X	R	U	R	S5			Needle Spikerush	CYPERACEAE	
R		<i>Eleocharis compressa</i>	R		R	R	R				R	R		S4			Flat-stemmed Spikerush	CYPERACEAE	
R		<i>Eleocharis elliptica</i>	R	X	X	R	R		U	X	R		R	S5			Elliptic Spikerush	CYPERACEAE	

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R	CZ	<i>Eleocharis engelmannii</i>	R						R					S1			Engelmann's Spikerush	CYPERACEAE	
R	CZ	<i>Eleocharis equisetoides</i>							R					S1	END	END	Horsetail Spikerush	CYPERACEAE	
C		<i>Eleocharis erythropoda</i>	C	X	R	C	C	X	C	C	U	C	R	S5			Red-stemmed Spikerush	CYPERACEAE	
R		<i>Eleocharis flavescens</i>	R		R	R	R		R		R		H	S4			Pale Spikerush	CYPERACEAE	var. olivacea, formerly E. olivacea
R	CZ	<i>Eleocharis geniculata</i>		R					R					S1	END	END	Bent Spikerush	CYPERACEAE	including E. caribaea
R		<i>Eleocharis intermedia</i>	R	R	R	R	R	X	U	C		R	R	S4			Matted Spikerush	CYPERACEAE	
R		<i>Eleocharis macrostachya</i>	R											S2S3			Long-headed Spikerush	CYPERACEAE	
R		<i>Eleocharis nitida</i>								R				S2?			Quill Spikerush	CYPERACEAE	
C		<i>Eleocharis obtusa</i>	C	X	X	C	C	X	C	X	C	C	R	S5			Blunt Spikerush	CYPERACEAE	
R		<i>Eleocharis ovata</i>	R			R								S4S5			Ovate Spikerush	CYPERACEAE	
R		<i>Eleocharis palustris</i>	R	X	R	R		X	U	X	R	C	R	S5			Creeping Spikerush	CYPERACEAE	including E. smallii
R	CZ	<i>Eleocharis quadrangulata</i>		R	H				R					S1			Square-stemmed Spikerush	CYPERACEAE	
R		<i>Eleocharis quinqueflora</i>			R			X	U		R		R	S5			Few-flowered Spikerush	CYPERACEAE	formerly E. pauciflora
R		<i>Eleocharis rostellata</i>			R			R		R	H			S3			Beaked Spikerush	CYPERACEAE	
H		<i>Eriophorum angustifolium</i>			H									S5			Narrow-leaved Cottongrass	CYPERACEAE	
R		<i>Eriophorum gracile</i>			R	R			R					S5			Slender Cottongrass	CYPERACEAE	
R		<i>Eriophorum vaginatum</i>									R	R		S5			Tussock Cottongrass	CYPERACEAE	ssp. spissum in CZ
R		<i>Eriophorum virginicum</i>			H	R				R	R	R		S5			Tawny Cottongrass	CYPERACEAE	
R		<i>Eriophorum viridicarinatum</i>			H	R	R		R	R	R		R	S5			Green-keeled Cottongrass	CYPERACEAE	
R		<i>Fimbristylis autumnalis</i>	R		H				R					S4			Slender Fimbristylis	CYPERACEAE	
R	CZ	<i>Fimbristylis puberula</i>			R									S1			Hairy Fimbristylis	CYPERACEAE	
H	CZ	<i>Fuirena pumila</i>									H			SX			Dwarf Umbrella Sedge	CYPERACEAE	
H		<i>Lipocarpha micrantha</i>	H											S2?	END	THR	Small-flowered Lipocarpha	CYPERACEAE	formerly Hemicarpha micrantha
R		<i>Rhynchospora alba</i>			R	R		X	R		R		H	S5			White Beakrush	CYPERACEAE	
R		<i>Rhynchospora capillacea</i>			R	R			U	R	R			S4			Capillary Beakrush	CYPERACEAE	
R		<i>Rhynchospora capitellata</i>	R		H		R							S4			Brownish Beakrush	CYPERACEAE	
R		<i>Schoenoplectiella purshiana</i>	R								H			S1?			Weak-stalked Bulrush	CYPERACEAE	formerly included in Scirpus; easily confused with S. smithii

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R		<i>Schoenoplectiella smithii</i>	R	R	R	R			R		R		H	S2S3			Smith's Bulrush	CYPERACEAE	formerly included in <i>Scirpus</i>
R		<i>Schoenoplectus acutus</i>	R	R	X	R	R	X	U	X	R	R	R	S5			Hard-stemmed Bulrush	CYPERACEAE	formerly included in <i>Scirpus</i>
U		<i>Schoenoplectus pungens</i>	U	X	X	U	R	X	C	C	R	R	U	SU			Common Three-square Bulrush	CYPERACEAE	formerly included in <i>Scirpus</i>
R		<i>Schoenoplectus subterminalis</i>	R		R					R				S4S5			Water Bulrush	CYPERACEAE	formerly included in <i>Scirpus</i>
C		<i>Schoenoplectus tabernaemontani</i>	U	X	X	C	U	X	C	X	C	C	C	S5			Soft-stemmed Bulrush	CYPERACEAE	formerly included in <i>Scirpus</i> as <i>S. validus</i>
R		<i>Schoenoplectus torreyi</i>			R									S4			Torrey's Bulrush	CYPERACEAE	formerly included in <i>Scirpus</i>
R		<i>Scirpus atrocinctus</i>					R							S5			Black-girdled Bulrush	CYPERACEAE	
C		<i>Scirpus atrovirens</i>	C	X	X	C	C	X	C	C	C	C	C	S5			Dark-green Bulrush	CYPERACEAE	
C		<i>Scirpus cyperinus</i>	R	X	X	C	C	X	C	C	C	C	C	S5			Cottongrass Bulrush	CYPERACEAE	
R	CZ	<i>Scirpus expansus</i>			R									S1			Woodland Bulrush	CYPERACEAE	
R	cz	<i>Scirpus georgianus</i>			R									S1?			Georgia Bulrush	CYPERACEAE	
R		<i>Scirpus hattorianus</i>	R		R	R	R		R		R		R	S4			Mosquito Bulrush	CYPERACEAE	similar to <i>C. atrovirens</i> and possibly overlooked
U		<i>Scirpus microcarpus</i>		R		R	U	X	U	X	R	R	U	S5			Red-tinged Bulrush	CYPERACEAE	including <i>S. rubrotinctus</i>
R		<i>Scirpus pedicellatus</i>				R								SU			Stalked Bulrush	CYPERACEAE	
C		<i>Scirpus pendulus</i>	C	R	X	C	C	X	C	C	U	C	R	S5			Rufous Bulrush	CYPERACEAE	
R	CZ	<i>Scleria pauciflora</i>	R		?									S1			Few-flowererd Nutrush	CYPERACEAE	
R	CZ	<i>Scleria triglomerata</i>	R		R	H							H	S1			Tall Nutrush	CYPERACEAE	
R	cz	<i>Scleria verticillata</i>			R		R		R	R			R	S3			Low Nutrush	CYPERACEAE	
R		<i>Trichophorum clintonii</i>	R		R								H	S2S3			Clinton's Clubrush	CYPERACEAE	formerly included in <i>Scirpus</i>
R	CZ	<i>Trichophorum planifolium</i>										R	H	S1	END	END	Bashful Clubrush	CYPERACEAE	formerly <i>Scirpus verecundus</i>
IR		<i>Aegilops cylindrica</i>										IR		SE1			Jointed Goatgrass	POACEAE	
IR		<i>Agropyron cristatum</i>			IR	IR	IR		IR				IR	SE2			Crested Wheatgrass	POACEAE	including <i>A. pectiniforme</i>
IR		<i>Agropyron fragile</i>			IR									SE1			Siberian Wheatgrass	POACEAE	
IR		<i>Agrostis capillaris</i>										IR	IR	SE1			Colonial Bentgrass	POACEAE	
IC		<i>Agrostis gigantea</i>	IC	IX	IX	IC	IC	IX	IC	IX	IC	IX	IC	SE5			Redtop	POACEAE	
R	CZ	<i>Agrostis hyemalis</i>	R								R			S1			Winter Bentgrass	POACEAE	sometimes included in <i>A. scabra</i>
U		<i>Agrostis perennans</i>	U	X	R	R	U		U	X	U	C	R	S4?			Upland Bentgrass	POACEAE	
R		<i>Agrostis scabra</i>	R	X	R	R	R	X	U	R	R	C	R	S5			Rough Bentgrass	POACEAE	
IC		<i>Agrostis stolonifera</i>	IU	IX	IX	IC	IC	IX	IU	IX	IC	IX	IC	SE5			Creeping Bentgrass	POACEAE	
R		<i>Alopecurus aequalis</i>	R	R	R	R	R	X	U	R	R	R	R	S4			Short-awned Foxtail	POACEAE	
IR		<i>Alopecurus carolinianus</i>	IR									IR		SE1			Tufted Foxtail	POACEAE	
IR		<i>Alopecurus geniculatus</i>	IR	IR	IR	IR	IR		IR		IR		IR	SE3			Water Foxtail	POACEAE	
IU		<i>Alopecurus pratensis</i>	IU	IR	IX	IU	IU	IX	IU	IX	IR	IX	IU	SE5			Field Foxtail	POACEAE	

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R		<i>Ammophila breviligulata</i>	R	R	R		R		R		R	R	R	S4			American Beachgrass	POACEAE	
C		<i>Andropogon gerardii</i>	U	X	X	C	U	X	C	C	U	U	R	S4			Big Bluestem	POACEAE	commonly introduced in seed mixes in some areas (e.g. 7E4)
U	CZ	<i>Andropogon virginicus</i>	R	R	R	U	U		C		R			S4			Broomsedge Bluestem	POACEAE	
R		<i>Anthoxanthum hirtum</i>	R	R	R	R	R		R	R				S4			Hairy Sweetgrass	POACEAE	records of Hierochloa odorata assumed to be A. hirtum
IR		<i>Anthoxanthum odoratum</i>		IR	IR	IR	IR		IR		IR	IH	IR	SE4			Large Sweet Vernalgrass	POACEAE	
IR		<i>Apera interrupta</i>	IR		IR		IR	IR			IR	IR	IR	SE2			Dense Silky Bentgrass	POACEAE	
IR		<i>Apera spica-venti</i>				IR	IR		IU	?			IR	SE3			Loose Silky Bentgrass	POACEAE	
IR		<i>Aristida dichotoma</i>					IR				IR			S1			Churchmouse Threeawn Grass	POACEAE	introduced in CZ
R	CZ	<i>Aristida longespica</i> <i>var. geniculata</i>	R	R	R	R	R		R					S2			Kearney's Threeawn Grass	POACEAE	sometimes called A. necopina
R	CZ	<i>Aristida longespica</i> <i>var. longespica</i>	R	R	R	R								S2			Slim-spike Threeawn Grass	POACEAE	
IR		<i>Aristida oligantha</i>	IR	IR	IR		IR				IR	IR		SE2			Old Field Threeawn Grass	POACEAE	
R	CZ	<i>Aristida purpurascens</i>	R		?				R					S1			Arrowfeather Threeawn Grass	POACEAE	
IU		<i>Arrhenatherum elatius</i>	?	IR	IR	IU	IR	IX	IR	IX	IU	IX	IR	SE4			Tall Oatgrass	POACEAE	
IR		<i>Avena fatua</i>	IR		IR	IR	IR		IR		IR		IR	SE3			Common Wild Oats	POACEAE	
IR		<i>Avena sativa</i>		IR	IR	IR			IC		IH	IR	IR	SE2			Cultivated Oats	POACEAE	
R		<i>Avenella flexuosa</i>			R				R		R	?	R	S5			Crinkled Hairgrass	POACEAE	formerly Deschampsia flexuosa
IH		<i>Avenula pubescens</i>					IH							SEH			Hairy Oats	POACEAE	including Helictotrichon pubescens
R		<i>Beckmannia syzigachne</i>			R	H							R	S4			American Sloughgrass	POACEAE	
R		<i>Bouteloua curtipendula</i>							R	R		IR	IR	S2			Side-oats Grama	POACEAE	adventive in some areas from seed mixes and restoration plantings
X		<i>Brachyelytrum aristosum</i>					X		X		X	?	R	S5?			Northern Shorthusk	POACEAE	formerly included in B. erectum; status poorly known vs. B. erectum
U		<i>Brachyelytrum erectum</i>	R	R	X	X	U	X	C	X	X	U	R	S4			Southern Shorthusk	POACEAE	status poorly known vs. B. aristosum
IH		<i>Briza maxima</i>					IH	IH						SE1			Large Quaking Grass	POACEAE	
IR		<i>Briza media</i>					IR			IR	IR		IR	SE1			Perennial Quaking Grass	POACEAE	
IR		<i>Bromus arvensis</i>	IR				?					IR		SE1			Field Brome	POACEAE	
IR		<i>Bromus briziformis</i>			IH	IH	IH		?			IR	IR	SE1			Rattlesnake Brome	POACEAE	
IR		<i>Bromus carinatus</i>					IR						IR	SE1			California Brome	POACEAE	
U		<i>Bromus ciliatus</i>	R	X	X	X	U	X	U	C	R	U	R	S5			Fringed Brome	POACEAE	

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IU		<i>Bromus commutatus</i>	IU	IR	IR	IX	IR	IX	IC		IU	IX	IR	SE4			Hairy Brome	POACEAE	
IR		<i>Bromus erectus</i>				IR					IH			SE1			Meadow Brome	POACEAE	
IR		<i>Bromus hordeaceus</i>	IR		IR	IR	IR		IR		IR	IR	IR	SE2?			Soft Brome	POACEAE	ssp. hordeaceus
hyb		<i>Bromus hordeaceus</i> ssp. x <i>pseudothominei</i>	hyb	hyb	hyb	hyb			hyb		hyb	hyb		hyb			(<i>Bromus hordeaceus</i> ssp. hordeaceus X <i>Bromus lepidus</i>)	POACEAE	
IC		<i>Bromus inermis</i>	IC	IX	IX	IC	IC	IX	IC	IX	IC	IC	IC	SE5			Smooth Brome	POACEAE	
IC		<i>Bromus japonicus</i>	IC	IX	IX	IX	IU	IX	IR	IX	IR	IX	IR	SE4			Japanese Brome	POACEAE	
R		<i>Bromus kalmii</i>	R	R	R	R	R		U	R	H	R	H	S4			Kalm's Brome	POACEAE	
U		<i>Bromus latiglumis</i>	R	R	R	U	U	X	U	C	R	R	R	S4			Broad-glumed Brome	POACEAE	
R		<i>Bromus</i> <i>nottowayanus</i>				R				R	H			S4?			Nottoway Brome	POACEAE	
U	cz	<i>Bromus pubescens</i>	U	X	X	R	R	X	U	U	U	U	R	S4			Hairy Woodland Brome	POACEAE	
IR		<i>Bromus racemosus</i>	IR								IR			SE1			Bald Brome	POACEAE	
IU		<i>Bromus secalinus</i>	IR	IR	IR	IX	IR	IX	IR		IR	IX	IX	SE4			Rye Brome	POACEAE	
IR		<i>Bromus squarrosus</i>	IR	IR		IR	IR		IR	IR		IR		SE2			Corn Brome	POACEAE	
IR		<i>Bromus sterilis</i>	IH		IH						IR	IR	IR	SE1			Poverty Brome	POACEAE	
IC		<i>Bromus tectorum</i>	IU	IX	IX	IX	IU	IX	IC	IX	IU	IX	IR	SE5			Downy Brome	POACEAE	
C		<i>Calamagrostis canadensis</i>	C	X	X	X	C	X	C	C	C	C	U	S5			Bluejoint Reedgrass	POACEAE	all CZ C. canadensis is likely var. canadensis; declining in Toronto area
IR		<i>Calamagrostis epigeios</i>	IR			IR	IR	IR				IR	IR	SE2			Chee Reedgrass	POACEAE	
R		<i>Calamagrostis stricta</i>	R	R	R	R	R		R	R		R		S5			Northern Reedgrass	POACEAE	ssp. inexpansa, formerly C. inexpansa
R		<i>Calamovilfa longifolia</i>	?	R	R	IR								S3			Great Lakes Sandreed	POACEAE	var. magna
U	cz	<i>Cenchrus longispinus</i>	U	R	X	R	U		C	R	R	IR	IR	S4			Long-spined Sandbur	POACEAE	introduced at some CZ sites
C		<i>Cinna arundinacea</i>	C	X	X	X	U	X	C	U	C	C	R	S4			Stout Woodreed	POACEAE	
R		<i>Cinna latifolia</i>	R	R	R	R	U	X	U	U	R	R	R	S5			Drooping Woodreed	POACEAE	
R		<i>Coleataenia rigidula</i>			R	R	R		R					S3			Redtop Panicgrass	POACEAE	formerly Panicum rigidulum
IH		<i>Crypsis schoenoides</i>	IH			IH								SEH			Swamp Timothy	POACEAE	
IR		<i>Cynodon dactylon</i>	IR										IR	SE1			Bermuda Grass	POACEAE	
IR		<i>Cynosurus cristatus</i>				IR					IH		IR	SE1			Crested Dog-tail Grass	POACEAE	
IC		<i>Dactylis glomerata</i>	IC	IX	IX	IC	IC	IX	IC	IX	IC	IC	IC	SE5			Orchard Grass	POACEAE	
R		<i>Danthonia compressa</i>							R		R			S4			Flattened Oatgrass	POACEAE	
C		<i>Danthonia spicata</i>	C	X	X	X	C	X	C	C	C	C	R	S5			Poverty Oatgrass	POACEAE	
R		<i>Deschampsia cespitosa</i>	R		R	R	IR		R	R	R		IR	S5			Tufted Hairgrass	POACEAE	introduced at some CZ sites (ssp./var. parviflora)
R	CZ	<i>Diarrhena obovata</i>			R	R								S1			Ovate Beak Grass	POACEAE	
R		<i>Dichanthelium acuminatum</i> ssp. <i>columbianum</i>	R	R	R	R	R		U			?	R	S5			Columbia Panicgrass	POACEAE	formerly included in Panicum; including D. columbianum

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C		<i>Dichanthelium acuminatum</i> ssp. <i>fasciculatum</i>	C	X	X	C	C	X	C	X	U	X		S5			Western Panicgrass	POACEAE	formerly included in Panicum; possibly some confusion with ssp. <i>implicatum</i>
C		<i>Dichanthelium acuminatum</i> ssp. <i>implicatum</i>	X	X	X	X	X	X	C	X	C	X	X	S5			Mat Panicgrass	POACEAE	formerly included in Panicum; including <i>D. implicatum</i>
R		<i>Dichanthelium acuminatum</i> ssp. <i>lindheimeri</i>			R	R	R		R	R	R		?	S4			Lindheimer's Panicgrass	POACEAE	formerly included in Panicum; including <i>D. lindheimeri</i>
R		<i>Dichanthelium boreale</i>	R		R	R			R					S4			Northern Panicgrass	POACEAE	formerly included in Panicum
R	cz	<i>Dichanthelium clandestinum</i>	R		R	R			R	R	R			S2			Deer-tongue Panicgrass	POACEAE	formerly included in Panicum
R		<i>Dichanthelium depauperatum</i>	H		R	R			C		H	R		S4			Starved Panicgrass	POACEAE	formerly included in Panicum
R	cz	<i>Dichanthelium dichotomum</i>	H	R	R	R	R		U	R	H	R		S2			Forked Panicgrass	POACEAE	formerly included in Panicum
U		<i>Dichanthelium latifolium</i>	U	X	X	X	U	X	C	U	R	R	R	S4			Broad-leaved Panicgrass	POACEAE	formerly included in Panicum
R	CZ	<i>Dichanthelium leibergii</i>			R									S2			Leiberg's Panicgrass	POACEAE	formerly included in Panicum
R		<i>Dichanthelium linearifolium</i>	R	R	R	R	R	R	R	R	R	U	R	S5			Linear-leaved Panicgrass	POACEAE	formerly included in Panicum
R	CZ	<i>Dichanthelium meridionale</i>	R		R									S1			Mat Panicgrass	POACEAE	sometimes included in <i>D. acuminatum</i>
X		<i>Dichanthelium oligosanthes</i> ssp. <i>oligosanthes</i>	X	X	X	X			X		IR			S4			Few-flowered Panicgrass	POACEAE	formerly included in Panicum; some confusion re. ssp. in CZ; likely R in some or all counties
U	cz	<i>Dichanthelium oligosanthes</i> ssp. <i>scribnerianum</i>	U	R	X	R	R		C	R	R			S4			Scribner's Panicgrass	POACEAE	formerly included in Panicum; some confusion re. ssp. in CZ
R	cz	<i>Dichanthelium ovale</i> ssp. <i>praecocius</i>	R	R	R	R	R		R	R	H	H	R	S3			White-haired Panicgrass	POACEAE	formerly included in Panicum; including <i>D. praecocius</i>
R	cz	<i>Dichanthelium ovale</i> ssp. <i>pseudopubescens</i>	H			H			R					S1			Commons' Panicgrass	POACEAE	formerly included in Panicum; including <i>D. commonsianum</i>
R		<i>Dichanthelium perlongum</i>				H			R					S2			Long-stalked Panicgrass	POACEAE	formerly included in Panicum
R	cz	<i>Dichanthelium sphaerocarpon</i>	R	R	R	R	R		C					S3			Round-fruited Panicgrass	POACEAE	formerly included in Panicum
R		<i>Dichanthelium xanthophyllum</i>			?		H		R		H		R	S4			Pale Panicgrass	POACEAE	formerly included in Panicum
R	cz	<i>Digitaria cognata</i>	R	R	R	R	R		IR		IR			S1?			Fall Crabgrass	POACEAE	also introduced in CZ; formerly <i>Leptoloma cognatum</i>
IC		<i>Digitaria ischaemum</i>	IU	IX	IX	IX	IC	IX	IC	IX	IU	IX	IC	SE5			Smooth Crabgrass	POACEAE	
IC		<i>Digitaria sanguinalis</i>	IU	IX	IX	IX	IC	IX	IC	IX	IU	IX	IR	SE5			Hairy Crabgrass	POACEAE	

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IR		<i>Diplachne fusca</i>	IR		IR	IR	IR	IR	IR		IR	IR		SE3			Bearded Sprangletop	POACEAE	formerly <i>D. acuminata</i> , <i>Leptochloa acuminata</i>
IR		<i>Distichlis spicata</i>				IR						IR		SE2			Saltgrass	POACEAE	
IC		<i>Echinochloa crus-galli</i>	IC	IX	IX	IC	IC	IX	IC	IX	IC	IC	IC	SE5			Large Barnyard Grass	POACEAE	
U		<i>Echinochloa muricata</i> var. <i>microstachya</i>	R	R	X	X	R		X	X	R	U	U	S5			Western Barnyard Grass	POACEAE	including <i>E. wiegandii</i>
R		<i>Echinochloa muricata</i> var. <i>muricata</i>	X	X	R	R	R		R		R	R		S4?			Rough Barnyard Grass	POACEAE	
R	cz	<i>Echinochloa walteri</i>	R	R	H				R		R			S3			Walter's Barnyard Grass	POACEAE	
IR		<i>Eleusine indica</i>	IU	IR	IR	IR			IR		IR	IR	IX	SE3			India Goosegrass	POACEAE	
U		<i>Elymus canadensis</i>	R	X	X	X	U	X	C	X	U	R	R	S5			Canada Wildrye	POACEAE	
C		<i>Elymus hystrix</i>	C	X	C	X	C	X	C	C	C	C	U	S5			Bottlebrush Grass	POACEAE	formerly <i>Hystrix patula</i>
R	CZ	<i>Elymus macgregorii</i>	R						R					S1?			MacGregor's Wildrye	POACEAE	
IC		<i>Elymus repens</i>	IC	IX	IX	IC	IC	IX	IC	IX	IC	IC	IC	SE5			Creeping Wildrye	POACEAE	formerly <i>Agropyron repens</i>
U	cz	<i>Elymus riparius</i>	R	R	X	R	U	X	C	U	R	U	U	S4			Eastern Riverbank Wildrye	POACEAE	
R		<i>Elymus trachycaulus</i>	R	R	X	R	R		U	U	R	R	R	S5			Slender Wildrye	POACEAE	ssp. <i>trachycaulus</i> ; formerly <i>Agropyron trachycaulum</i>
U	cz	<i>Elymus villosus</i>	C	X	R	X	R		R	X	U	R	R	S4			Hairy Wildrye	POACEAE	
C		<i>Elymus virginicus</i>	C	X	X	X	C	X	C	C	C	C	C	S5			Virginia Wildrye	POACEAE	var. <i>virginicus</i>
R		<i>Elymus wiegandii</i>		R		R	R		R		H	R		S4			Wiegand's Wildrye	POACEAE	
H	CZ	<i>Eragrostis capillaris</i>			H									SH			Lacegrass	POACEAE	
IU		<i>Eragrostis cilianensis</i>	IU	IX	IX	IX	IU	IX	IC	IX	IR	IX	IX	SE5			Stinkgrass	POACEAE	
U		<i>Eragrostis frankii</i>	U	X	R	X	R	X	U	R	R	R	R	S4			Frank's Lovegrass	POACEAE	
R	cz	<i>Eragrostis hypnoides</i>	R	R	R	R	R	R	U			R	R	S4			Teal Lovegrass	POACEAE	
IC		<i>Eragrostis minor</i>	IU	IX	IX	IX	IC	IX	IC	IX	IU	IX	IX	SE5			Little Lovegrass	POACEAE	
IR		<i>Eragrostis pectinacea</i> var. <i>miserrima</i>	IR											SE1			Desert Lovegrass	POACEAE	
C		<i>Eragrostis pectinacea</i> var. <i>pectinacea</i>	C	X	X	X	C	X	C	X	U	U	X	S5			Tufted Lovegrass	POACEAE	
IR		<i>Eragrostis pilosa</i>	IR								?			SE1			Hairy Lovegrass	POACEAE	
R	cz	<i>Eragrostis spectabilis</i>	R	X	R	R	R	IR	IR		IR		IR	S4			Purple Lovegrass	POACEAE	introduced at some CZ sites
IH		<i>Eriochloa contracta</i>	IH											SE1			Prairie Cupgrass	POACEAE	
IR		<i>Festuca filiformis</i>				IR	IR		IR	IX	IR	IR	IR	SE2			Hair Fescue	POACEAE	
IC		<i>Festuca rubra</i>	IR	IX	IX	IX	IR	IX	IC	IX	IC	IX	IR	SE5			Red Fescue	POACEAE	all CZ records assumed to be ssp. <i>rubra</i>
R		<i>Festuca saximontana</i>			R		H		R					S4			Rocky Mountain Fescue	POACEAE	

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C		<i>Festuca subverticillata</i>	C	X	X	X	U	X	C	C	U	U	U	S4			Nodding Fescue	POACEAE	formerly <i>F. obtusa</i>
IU		<i>Festuca trachyphylla</i>	IR	IX	IX	IX	IR	IX	IR	IX	IR	IX	IR	SE4			Hard Fescue	POACEAE	
R		<i>Glyceria borealis</i>		R	R	R	R	X	U	R	H	U		S5			Boreal Mannagrass	POACEAE	
R		<i>Glyceria canadensis</i>			H	R	R		R		R	R		S5			Canada Mannagrass	POACEAE	var. <i>canadensis</i>
U		<i>Glyceria grandis</i>	R	X	R	X	U	X	U	C	C	C	C	S5			Tall Mannagrass	POACEAE	
IX		<i>Glyceria maxima</i>										IU	IC	SE4			Rough Mannagrass	POACEAE	<i>G. plicata</i> record omitted, pending ID check
R		<i>Glyceria melicaria</i>			?	R								S4			Slender Mannagrass	POACEAE	
U	cz	<i>Glyceria septentrionalis</i>	R	R	R	X	R		U	R	C	C	R	S4			Eastern Mannagrass	POACEAE	
C		<i>Glyceria striata</i>	C	X	C	X	C	X	C	C	C	C	C	S5			Fowl Mannagrass	POACEAE	
R		<i>Graphephorum melicoides</i>										R		S4			Purple False Oats	POACEAE	formerly <i>Trisetum melicoides</i>
R		<i>Hesperostipa spartea</i>		R	R	R			R	R				S4			Porcupine Grass	POACEAE	formerly <i>Stipa spartea</i>
IR		<i>Holcus lanatus</i>	IU	IR	IR	IR	IR		IU		IR	IH	IX	SE2			Common Velvet Grass	POACEAE	
IU		<i>Hordeum jubatum</i>	IU	IX	IX	IX	IU	IX	IC	IX	IX	IX	IU	S5?			Foxtail Barley	POACEAE	ssp. <i>jubatum</i> ; likely introduced in CZ
IH		<i>Hordeum marinum</i>											IH	SEH			Sea Barley	POACEAE	
IH		<i>Hordeum pusillum</i>	IH											SEH			Little Barley	POACEAE	
IR		<i>Hordeum vulgare</i>			IR			IX					IR	SE2			Common Barley	POACEAE	
R	cz	<i>Koeleria macrantha</i>	H		R	H			R					S4			June Grass	POACEAE	
C		<i>Leersia oryzoides</i>	C	X	X	X	C	X	C	C	C	C	C	S5			Rice Cutgrass	POACEAE	
C		<i>Leersia virginica</i>	C	X	X	X	R	X	C	U	C	C	R	S4			Virginia Cutgrass	POACEAE	
IR		<i>Leymus arenarius</i>				IR								SE1			European Lymegrass	POACEAE	
IC		<i>Lolium arundinaceum</i>	IC	IX	IX	IC	IC		IU	IX	IC	IX	IX	SE5			Tall Fescue	POACEAE	formerly <i>Festuca arundinacea</i>
IR		<i>Lolium multiflorum</i>	IX						IR				IR	SE1?			Annual Ryegrass	POACEAE	sometimes included in <i>L. perenne</i>
IU		<i>Lolium perenne</i>	IU		IX	IX	IU	IX	IU	IX	IU	IC	IC	SE4			Perennial Ryegrass	POACEAE	
IC		<i>Lolium pratense</i>	IR	IX	IX	IX	IU		IC	IX	IC	IX	IX	SE5			Meadow Fescue	POACEAE	formerly <i>Festuca pratensis</i>
IH		<i>Lolium temulentum</i>			IH						IH			SEH			Darnel Ryegrass	POACEAE	
IH		<i>Melica altissima</i>							IH					SEH			Siberian Melic Grass	POACEAE	
R		<i>Melica smithii</i>			H					R				S4			Smith Melic Grass	POACEAE	
U		<i>Milium effusum</i>	R	X	R	X	U	X	C	R	R	R	R	S4S5			Tall Millet	POACEAE	
IX		<i>Miscanthus sacchariflorus</i>	IR	IX	IR	IX	IR	IX	IU	IX		IH	IU	SE3			Japanese Silver Grass	POACEAE	
IR		<i>Miscanthus sinensis</i>						IH				IR	IR	SE1			Chinese Silver Grass	POACEAE	
IR		<i>Muhlenbergia asperifolia</i>	IU	IR	IR	IR	IR	IR		IR	IR	IR	IX	SE3			Alkali Muhly	POACEAE	
C		<i>Muhlenbergia frondosa</i>	R	X	X	X	U		C	X	C	U	R	S4			Wirestem Muhly	POACEAE	
R		<i>Muhlenbergia glomerata</i>	R		X	X	R	X	U	X	H	R	R	S5			Marsh Muhly	POACEAE	
C		<i>Muhlenbergia mexicana</i>	U	X	X	C	C	X	C	C	C	C	R	S5			Mexican Muhly	POACEAE	including var. <i>filiformis</i> and var. <i>mexicana</i>
R		<i>Muhlenbergia richardsonis</i>								R				S3			Mat Muhly	POACEAE	

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U	CZ	<i>Muhlenbergia schreberi</i>	U	X	R	X	R	X	C		U	R	R	S4			Schreber's Muhly	POACEAE	
H	CZ	<i>Muhlenbergia sobolifera</i>	H											SH			Rock Muhly	POACEAE	
R	CZ	<i>Muhlenbergia sylvatica</i>	?	R	?		R		R		?		R	S2?			Woodland Muhly	POACEAE	
R	CZ	<i>Muhlenbergia tenuiflora</i>		R	R	R			R	R	R	R	R	S2			Slim-flowered Muhly	POACEAE	
hyb		<i>Muhlenbergia x curtisetosa</i>					hyb							hyb			(<i>Muhlenbergia frondosa</i> X <i>Muhlenbergia schreberi</i>)	POACEAE	
C		<i>Oryzopsis asperifolia</i>	R	R	X	X	U	X	C	C	U	C	U	S5			White-grained Mountain-ricegrass	POACEAE	
C		<i>Panicum capillare</i>	C	X	X	X	R	X	C	C	C	C	U	S5			Common Panicgrass	POACEAE	
IC		<i>Panicum dichotomiflorum</i>	IC	IX	IX	IC	IC	IX	IC	IX	IU	IX	IR	SE5			Fall Panicgrass	POACEAE	
R		<i>Panicum flexile</i>	R		X	R	R		U	R	R		R	S4			Wiry Panicgrass	POACEAE	
IR		<i>Panicum miliaceum</i>	IR	IX	IR	IR	IR	IX	IR		IR	IR	IX	SE4			Proso Millet	POACEAE	
R	CZ	<i>Panicum philadelphicum ssp. gattingeri</i>	R	R		U	R	X	R	R	R		H	S4			Gattinger's Panicgrass	POACEAE	including <i>P. gattingeri</i>
R		<i>Panicum philadelphicum ssp. philadelphicum</i>	R	R	R	R			R		R	R		S4			Philadelphia Panicgrass	POACEAE	including <i>P. tuckermanii</i>
U		<i>Panicum virgatum</i>	U	X	X	X	U	X	C	R	U	R	U	S4			Old Switch Panicgrass	POACEAE	commonly planted and seeded in some areas, tending to obscure original populations
IR		<i>Pascopyrum smithii</i>			?				IR		IR			S2			Western Wheatgrass	POACEAE	formerly <i>Elymus smithii</i> ; introduced in CZ
R	CZ	<i>Paspalum setaceum</i>	R	R	R	R	R		R					S2			Slender Paspalum	POACEAE	including <i>P. ciliatifolium</i> ; var. <i>muhlenbergii</i> and var. <i>stramineum</i> occur in the CZ
U		<i>Patis racemosa</i>	?	R	X	X	R	X	U	U	U	U	R	S4			Black-seeded Ricegrass	POACEAE	formerly <i>Oryzopsis racemosa</i>
C		<i>Phalaris arundinacea</i>	C	X	X	X	C	X	C	C	C	C	C	S5			Reed Canary Grass	POACEAE	mostly var. <i>arundinacea</i> , though var. <i>picta</i> also present; some populations introduced
IR		<i>Phalaris canariensis</i>	IR		IH	IX	IH				IR	IR	IR	SE2			Common Canary Grass	POACEAE	
IC		<i>Phleum pratense</i>	IC	IX	IX	IC	IC	IX	IC	IX	IC	IC	IC	SE5			Common Timothy	POACEAE	
X		<i>Phragmites australis ssp. americanus</i>	X	X	X	X	X	X	X		X	X	R	S4?			American Reed	POACEAE	both the introduced ssp. <i>australis</i> and native ssp. <i>americanus</i> occur in the CZ and the relative distribution of each is poorly known; the introduced ssp. is increasing and the native ssp. likely declining

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IC		<i>Phragmites australis</i> <i>ssp. australis</i>	IC	IC	IX	IC	IX	IC	IC	IC	IC	IC	IC	SE5			European Reed	POACEAE	One of four CZ plants proposed to be "restricted" under the Ontario Invasive Species Act (2015). Abundant and rapidly increasing in CZ.
R		<i>Piptatheropsis pungens</i>			R	R			R			R	H	S5			Slender Ricegrass	POACEAE	formerly <i>Oryzopsis pungens</i>
H	CZ	<i>Piptochaetium avenaceum</i>			H									SX			Black-seeded Speargrass	POACEAE	formerly <i>Stipa avenacea</i>
C		<i>Poa alsodes</i>		R	R	X	C	X	C	X	R	U	R	S4			Grove Bluegrass	POACEAE	
IC		<i>Poa annua</i>	IC	IX	IX	IC	IC	IX	IC	IX	IC	IX	IX	SE5			Annual Bluegrass	POACEAE	
IR		<i>Poa arida</i>	IR	IR		IR	IR	IX					IH	SE4			Prairie Bluegrass	POACEAE	
IR		<i>Poa bulbosa</i> ssp. <i>bulbosa</i>		IR										SE1			Bulbous Bluegrass	POACEAE	
IR		<i>Poa bulbosa</i> ssp. <i>vivipara</i>	IR	IR	IR	IR	IR	IR	IR	IR	IR	IR	IX	SE4			Viviparous Bulbous Bluegrass	POACEAE	
IC		<i>Poa compressa</i>	C	IX	IX	IX	IC	IX	IC	IX	IC	IX	IC	SE5			Canada Bluegrass	POACEAE	
R		<i>Poa interior</i>											R	S4?			Inland Bluegrass	POACEAE	
IX		<i>Poa nemoralis</i>	IR			IR			IH	IX	IC	IX	IC	SE4			Woods Bluegrass	POACEAE	
C		<i>Poa palustris</i>	R	X	X	X	C	X	C	C	C	C	C	S5			Fowl Bluegrass	POACEAE	
R		<i>Poa pratensis</i> ssp. <i>agassizensis</i>	R											SU			Agassiz's Bluegrass	POACEAE	
IR		<i>Poa pratensis</i> ssp. <i>angustifolia</i>				IR	IR	IR						SE2?			Narrow-leaved Kentucky Bluegrass	POACEAE	
IR		<i>Poa pratensis</i> ssp. <i>irrigata</i>												SU			Spreading Bluegrass	POACEAE	introduced in CZ
IC		<i>Poa pratensis</i> ssp. <i>pratensis</i>	C	IX	IX	IC	IC	IX	IC	IX	IC	IC	IC	SE5			Kentucky Bluegrass	POACEAE	
R	cz	<i>Poa saltuensis</i> ssp. <i>languida</i>		R	R	R	R		U		H	R	R	S3			Weak Bluegrass	POACEAE	sometimes called <i>P. languida</i>
R		<i>Poa saltuensis</i> ssp. <i>saltuensis</i>									?	R	R	S4			Drooping Bluegrass	POACEAE	
R	CZ	<i>Poa sylvestris</i>	R	R		R								S1?			Woodland Bluegrass	POACEAE	
IR		<i>Poa trivialis</i>	IR	IX	IR	IX	IR	IX	IR	IX	IU	IX	IX	SE3			Rough Bluegrass	POACEAE	
IH		<i>Polypogon monspeliensis</i>					IH						IH	SEH			Annual Rabbit-foot Grass	POACEAE	
IC		<i>Puccinellia distans</i>	IC	IX	IX	IC	IC	IX	IC	IX	IU	IX	IX	SE5			Spreading Alkaligrass	POACEAE	
IH		<i>Puccinellia fasciculata</i>					IH							SEH			Saltmarsh Alkaligrass	POACEAE	
IR		<i>Puccinellia nuttalliana</i>		IR		IR	IR	IR						SE3			Nuttall's Alkaligrass	POACEAE	
U		<i>Schizachne purpurascens</i>		R	R	X	U	X	C	X	R	C	R	S5			Purple False Melic	POACEAE	

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U		<i>Schizachyrium scoparium</i>	U	X	X	X	U	X	C	C	R	R	R	S4			Little Bluestem	POACEAE	including reports of <i>S. littorale</i> ; formerly <i>Andropogon scoparius</i> ; sometimes planted and seeded now, tending to obscure original populations
IR		<i>Sclerochloa dura</i>		IR	IR									SE1			Common Hardgrass	POACEAE	
IX		<i>Secale cereale</i>	IR		IX	IX	IR	IX	IC	IX	IR	IR	IR	SE3			Cultivated Rye	POACEAE	
IC		<i>Setaria faberi</i>	IC	IX	IX	IC	IC	IX	IC	IX	IU	IX	IX	SE4			Giant Foxtail	POACEAE	
IX		<i>Setaria italica</i>			IH	IH		IX		IX	IH			SE1			Italian Foxtail	POACEAE	
IC		<i>Setaria pumila</i>	IC	IX	IX	IX	IC	IX	IC	IX	IC	IX	IX	SE5			Yellow Foxtail	POACEAE	including <i>S. glauca</i>
IX		<i>Setaria verticillata</i>	IR	IX	IR	IX	IR			IX		IX	IX	SE4			Bristly Foxtail	POACEAE	
IH		<i>Setaria verticilliformis</i>	IH											SE1			Barbed Foxtail	POACEAE	including <i>S. verticillata</i> var. <i>ambigua</i>
IC		<i>Setaria viridis</i>	IC	IX	IX	IX	IC	IX	IC	IX	IC	IX	IX	SE5			Green Foxtail	POACEAE	
R		<i>Sorghastrum nutans</i>	R	X	X	X	R		C	C	R	R	R	S4			Yellow Indian-grass	POACEAE	Very commonly planted and seeded now in some areas, tending to obscure the distribution of original natural populations.
IR		<i>Sorghum bicolor</i>		IR		IR							IR	SE1			Sorghum	POACEAE	<i>ssp. bicolor</i>
hyb		<i>Sorghum bicolor</i> ssp. <i>x drummondii</i>							hyb					hyb			Sudangrass	POACEAE	
IR		<i>Sorghum halepense</i>	IR	IX		IX	IR							SE2			Johnson Grass	POACEAE	
IH		<i>Spartina patens</i>	IH											SEH			Salt-meadow Cordgrass	POACEAE	
R		<i>Spartina pectinata</i>	U	X	X	X	R		R	R	R	R	R	S4			Prairie Cordgrass	POACEAE	occasional introduced populations from seed mixes
C		<i>Sphenopholis intermedia</i>	C	X	X	X	C	X	C	X	C	C	U	S4S5			Slender Wedge Grass	POACEAE	
R	CZ	<i>Sphenopholis nitida</i>							R		H	R	H	S1			Shiny Wedge Grass	POACEAE	
R	cz	<i>Sphenopholis obtusata</i>	R	R	R		R							S1			Prairie Wedge Grass	POACEAE	
U	cz	<i>Sporobolus compositus</i>	U	R	IR	U	R	IR	IR	R	R		IR	S4			Rough Dropseed	POACEAE	including <i>S. asper</i> ; both native and introduced in CZ
U		<i>Sporobolus cryptandrus</i>	C	X	X	X	R	X	C	C	U	R	R	S4			Sand Dropseed	POACEAE	
R		<i>Sporobolus heterolepis</i>								R				S3			Prairie Dropseed	POACEAE	
R		<i>Sporobolus neglectus</i>	U	R	R	X	R	X	R	X	R	C	X	S4			Small Dropseed	POACEAE	
R		<i>Sporobolus vaginiflorus</i> var. <i>ozarkanus</i>							R					S2S3			Ozark Sheathed Dropseed	POACEAE	
C		<i>Sporobolus vaginiflorus</i> var. <i>vaginiflorus</i>	U	X	X	X	U	X	C	X	U	C	X	S5			Sheathed Dropseed	POACEAE	including var. <i>inaequalis</i>

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IR		<i>Thinopyrum ponticum</i>	IR	IR	IR	IR	IR	IR			IR	IR	IR	SE3			Tall Wheat Grass	POACEAE	including <i>Agropyron elongatum</i> , <i>Elytrigia elongata</i>
R	cz	<i>Torreyochloa pallida</i>					R		R		R	R		S2			Pale False Mannagrass	POACEAE	var. <i>pallida</i>
IR		<i>Tridens flavus</i>	IR						IR		IR			SE1			Purple-top Tridens	POACEAE	
R	cz	<i>Triplasis purpurea</i>	U	R	R		R		U		R	R	R	S4			Purple Sandgrass	POACEAE	
IR		<i>Triticum aestivum</i>	IR	IX		IR	IR	IX			IR	IR	IR	SE1			Common Wheat	POACEAE	
IR		<i>Triticum turgidum</i>				IR								SE1			Rivet Wheat	POACEAE	
IR		<i>Vulpia myuros</i>	IR	IR							IR			SE1			Rat-tail Fescue	POACEAE	
R	cz	<i>Vulpia octoflora</i>	R		R		H		R		H			S1S2			Six-weeks Fescue	POACEAE	
hyb		x <i>Elyhordeum macounii</i>											hyb	hyb			(<i>Elymus trachycaulus</i> X <i>Hordeum jubatum</i>)	POACEAE	likely introduced in CZ
IR		<i>Zea mays</i>	IR	IR	IR	IR		IR	IR	IR	IR		IX	SE1			Corn	POACEAE	
R	cz	<i>Zizania aquatica</i>	R	R	R				U	R	R	R	H	S3			Southern Wild Rice	POACEAE	only planted populations occur in 7E4, though originally native
R		<i>Zizania palustris</i>		R	R				U		R	R	H	S5			Northern Wild Rice	POACEAE	var. interior and var. palustris occur in Ontario; only planted populations occur in 7E4, though originally native; some populations elsewhere possibly planted
IR		<i>Zoysia japonica</i>	IR											SE1			Japanese Lawngrass	POACEAE	
R		<i>Brasenia schreberi</i>	R	R	R	R		X	R	R	H		H	S5			Watershield	CABOMBACEAE	
U	CZ	<i>Nuphar advena</i>	U	R	R	R	R		U		R	R		S3			Large Yellow Pond-lily	NYMPHAEACEAE	
H		<i>Nuphar microphylla</i>									H			S3?			Small Yellow Pond-lily	NYMPHAEACEAE	
U		<i>Nuphar variegata</i>	R	R	X	X	X	X	U	X	U	C	R	S5			Variegated Pond-lily	NYMPHAEACEAE	
U		<i>Nymphaea odorata</i>	R	R	X	X	R	X	U	R	U	R	R	S5?			Fragrant Water-lily	NYMPHAEACEAE	Ssp. odorata and tuberosa (= <i>N. tuberosa</i>) likely occur in the CZ and can be difficult to distinguish.
R	cz	<i>Saururus cernuus</i>	U	R	R	U	R	X			R	R		S3			Lizard's-tail	SAURURACEAE	
C		<i>Asarum canadense</i>	U	X	X	C	C	X	C	C	C	C	C	S5			Canada Wild-ginger	ARISTOLOCHIACEAE	
C	cz	<i>Liriodendron tulipifera</i>	U	X	X	U	C		C	?	C	R		S4			Tulip Tree	MAGNOLIACEAE	
R	CZ	<i>Magnolia acuminata</i>			?				R		R			S2	END	END	Cucumber Tree	MAGNOLIACEAE	
R	cz	<i>Asimina triloba</i>	R	R	R	R	R	R	R	R	R	IR		S3			Pawpaw	ANNONACEAE	HM population likely planted
C	cz	<i>Lindera benzoin</i>	C	X	C	X	C	X	C	C	C	C	R	S4			Spicebush	LAURACEAE	
C	cz	<i>Sassafras albidum</i>	C	X	X	X	C	X	C	U	C	C	R	S4			Sassafras	LAURACEAE	
U		<i>Ceratophyllum demersum</i>	R	X	X	R	R	X	C	X	R	U	U	S5			Common Hornwort	CERATOPHYLLACEAE	
R		<i>Ceratophyllum echinatum</i>	R								R			S3?			Prickly Hornwort	CERATOPHYLLACEAE	
R		<i>Adlumia fungosa</i>		R	R	R	R		R		H	R	R	S4?			Climbing Fumitory	PAPAVERACEAE	
IH		<i>Argemone mexicana</i>			IH						IH			SEH			Mexican Prickly-poppy	PAPAVERACEAE	

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R		<i>Capnoides sempervirens</i>			H							R	H	S5			Pale Corydalis	PAPAVERACEAE	formerly <i>Corydalis sempervirens</i>
IU		<i>Chelidonium majus</i>	IR	IX	IX	IX	IR	IX	IU	IX	IC	IC	IU	SE5			Greater Celandine	PAPAVERACEAE	
R		<i>Corydalis aurea</i>			R							R	H	S5			Golden Corydalis	PAPAVERACEAE	
R	CZ	<i>Corydalis flavula</i>	R								R			S1S2			Yellow Corydalis	PAPAVERACEAE	
IR		<i>Corydalis solida</i>				IR	IR							SE1			Spring Corydalis	PAPAVERACEAE	
U		<i>Dicentra canadensis</i>	R	R	R	X	X	X	U	U	U	C	R	S5			Squirrel-corn	PAPAVERACEAE	
U		<i>Dicentra cucullaria</i>	U	X	X	X	X	X	U	U	U	C	R	S5			Dutchman's Breeches	PAPAVERACEAE	
IR		<i>Fumaria officinalis</i>									IR	IR	IR	SE3			Drug Fumitory	PAPAVERACEAE	
IR		<i>Macleaya cordata</i>							IH			IR		SE1			Plume-poppy	PAPAVERACEAE	
IR		<i>Papaver dubium</i>										IR	IR	SE1			Long-pod Poppy	PAPAVERACEAE	
IR		<i>Papaver orientale</i>										IR	IR	SE1			Oriental Poppy	PAPAVERACEAE	
IR		<i>Papaver rhoeas</i>										IR		SE1			Corn Poppy	PAPAVERACEAE	
IR		<i>Papaver somniferum</i>									IH	IR	IR	SE1			Opium Poppy	PAPAVERACEAE	
C		<i>Sanguinaria canadensis</i>	U	X	X	X	C	X	C	C	C	C	C	S5			Bloodroot	PAPAVERACEAE	
R	cz	<i>Stylophorum diphyllum</i>				R							IR	S1	END	END	Wood-poppy	PAPAVERACEAE	
IR		<i>Akebia quinata</i>											IR	SE1			Five-leaf Akebia	LARDIZABALACEAE	
C		<i>Menispermum canadense</i>	C	X	X	X	U	X	C	U	U	C	U	S4			Canada Moonseed	MENISPERMACEAE	
IR		<i>Berberis aquifolium</i>	IR		IR	IR					IR	IR	IR	SE2			Holly-leaved Oregon-grape	BERBERIDACEAE	
IR		<i>Berberis repens</i>											IR	SE1			Creeping Oregon-grape	BERBERIDACEAE	
IX		<i>Berberis thunbergii</i>	IU	IX	IX	IX	IU		IU	IX	IC	IX	IC	SE5			Japanese Barberry	BERBERIDACEAE	
IX		<i>Berberis vulgaris</i>	?	IX	IX	IX	IU	IX	IU	IX	IC	IX	IR	SE5			European Barberry	BERBERIDACEAE	
X		<i>Caulophyllum giganteum</i>	X	X	X	X	X	X	X	?	X	C	C	S4S5			Giant Blue Cohosh	BERBERIDACEAE	status uncertain vs. <i>C. thalictroides</i> and previously included within it (as var. <i>giganteum</i>)
X		<i>Caulophyllum thalictroides</i>	U	X	X	X	C	X	C	X	X	C	U	S5			Blue Cohosh	BERBERIDACEAE	most CZ reports of <i>C. thalictroides</i> probably refer to <i>C. giganteum</i> , though both occur
R	cz	<i>Jeffersonia diphylla</i>	H		R	R	R		R	R	R	U	R	S4			Twinleaf	BERBERIDACEAE	
C		<i>Podophyllum peltatum</i>	C	X	C	X	C	X	C	C	C	C	C	S5			May-apple	BERBERIDACEAE	
C		<i>Actaea pachypoda</i>	C	X	X	C	C	X	C	C	C	C	C	S5			White Baneberry	RANUNCULACEAE	
R	CZ	<i>Actaea racemosa</i>					?		R		R	IR	H	S2			Black Snakeroot	RANUNCULACEAE	formerly <i>Cimicifuga racemosa</i> ; occasionally planted and escaping cultivation
C		<i>Actaea rubra</i>	U	X	X	C	C	X	U	U	C	C	C	S5			Red Baneberry	RANUNCULACEAE	
hyb		<i>Actaea x ludovici</i>					hyb				hyb	hyb	hyb	hyb			(<i>Actaea pachypoda</i> X <i>Actaea rubra</i>)	RANUNCULACEAE	
C		<i>Anemone acutiloba</i>	U	X	R	X	C	X	C	C	U	C	C	S5			Sharp-lobed Hepatica	RANUNCULACEAE	sometimes called <i>Hepatica acutiloba</i>
C		<i>Anemone americana</i>	R	X	R	X	U	X	C	C	R	C	R	S5			Round-lobed Hepatica	RANUNCULACEAE	sometimes called <i>Hepatica americana</i>

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IR		<i>Anemone blanda</i>					IR							SE1			Greek Anemone	RANUNCULACEAE	
C		<i>Anemone canadensis</i>	C	R	X	C	C	X	U	C	C	C	C	S5			Canada Anemone	RANUNCULACEAE	
U		<i>Anemone cylindrica</i>	R	R	X	R	R		U	C	R	U	R	S4			Long-fruited Anemone	RANUNCULACEAE	
C		<i>Anemone quinquefolia</i>	C	X	X	C	C	X	C	C	C	C	U	S5			Wood Anemone	RANUNCULACEAE	
C		<i>Anemone virginiana</i>	C	X	X	C	C	X	C	C	C	C	C	S5			Tall Anemone	RANUNCULACEAE	including vars. alba (=A. riparia, R in CZ), cylindroidea, and virginiana
C		<i>Aquilegia canadensis</i>	C	X	X	C	C	X	U	C	U	C	C	S5			Wild Columbine	RANUNCULACEAE	
IR		<i>Aquilegia vulgaris</i>	IR						IR		IR	IR	IR	SE3			European Columbine	RANUNCULACEAE	
C		<i>Caltha palustris</i>	R	X	X	C	C	X	C	C	U	C	C	S5			Yellow Marsh Marigold	RANUNCULACEAE	
IR		<i>Ceratocephala testiculata</i>							IR					SE1			Bur Buttercup	RANUNCULACEAE	sometimes called <i>Ranunculus testiculatus</i>
R		<i>Clematis occidentalis</i>								?		U	H	S4			Purple Clematis	RANUNCULACEAE	
IH		<i>Clematis orientalis</i>									IH			SE1			Oriental Virgin's-bower	RANUNCULACEAE	
IR		<i>Clematis terniflora</i>								IR	IH			SE1			Japanese Virgin's-bower	RANUNCULACEAE	
C		<i>Clematis virginiana</i>	R	X	X	C	C	X	C	C	U	C	C	S5			Virginia Virgin's-bower	RANUNCULACEAE	
IH		<i>Clematis viticella</i>							IH					SE1			Italian Virgin's-bower	RANUNCULACEAE	
IR		<i>Consolida ajacis</i>								IR			IR	SE1			Rocket Larkspur	RANUNCULACEAE	
C		<i>Coptis trifolia</i>	H		R	X	C	X	C	U	U	C	R	S5			Goldthread	RANUNCULACEAE	including <i>C. groenlandica</i>
R	CZ	<i>Enemion biternatum</i>			R	R	R		H					S2	THR	THR	Eastern False Rue-anemone	RANUNCULACEAE	including <i>Isopyrum biternatum</i>
IR		<i>Eranthis hyemalis</i>					IR				IR		IR	SE1			Winter Aconite	RANUNCULACEAE	
IR		<i>Ficaria verna</i>	IR	IR		IR					IR	IR	IR	SE1			Fig-root Buttercup	RANUNCULACEAE	formerly <i>Ranunculus ficaria</i>
R	cz	<i>Hydrastis canadensis</i>	R	R	R	R				R	H			S2	THR	THR	Goldenseal	RANUNCULACEAE	
IR		<i>Myosurus minimus</i>	IR										IR	S2			Tiny Mousetail	RANUNCULACEAE	introduced in CZ
C		<i>Ranunculus abortivus</i>	C	X	C	C	C	X	C	C	C	C	C	S5			Kidney-leaved Buttercup	RANUNCULACEAE	
IC		<i>Ranunculus acris</i>	IU	IX	IX	IC	IC	IX	IC	IX	IC	IC	IC	SE5			Tall Buttercup	RANUNCULACEAE	
R		<i>Ranunculus aquatilis</i>	R	X	X	R	R		U	R	R	R	R	S5			White Water Buttercup	RANUNCULACEAE	including <i>R. longirostris</i> , <i>R. trichophyllus</i>
IR		<i>Ranunculus bulbosus</i>	IR		IX	IH				IX	IU	IR	IR	SE3			Bulbous Buttercup	RANUNCULACEAE	
R		<i>Ranunculus fascicularis</i>	U	R	R	R			R	C	H	R	H	S4			Early Buttercup	RANUNCULACEAE	
U		<i>Ranunculus flabellaris</i>	R	X	R	R	R	X	U	R	H	U	H	S4			Yellow Water Buttercup	RANUNCULACEAE	
C		<i>Ranunculus hispidus</i> var. <i>caricetorum</i>	C	X	X	C	C	X	C	C	U	C	C	S5			Swamp Buttercup	RANUNCULACEAE	including reports of <i>R. septentrionalis</i>
R	cz	<i>Ranunculus hispidus</i> var. <i>hispidus</i>	H			R			R	R	R	R	R	S3			Bristly Buttercup	RANUNCULACEAE	

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C		<i>Ranunculus pensylvanicus</i>	R		X	X	X	X	C	X	C	C	R	S5			Pennsylvania Buttercup	RANUNCULACEAE	
C		<i>Ranunculus recurvatus</i>	R	X	X	X	X	X	C	C	C	C	C	S5			Hooked Buttercup	RANUNCULACEAE	
IX		<i>Ranunculus repens</i>	IH		IX	IH	IR		IR	IX	IR	IX	IU	SE5			Creeping Buttercup	RANUNCULACEAE	
R		<i>Ranunculus rhomboideus</i>		R	R	R			R		H		H	S4			Prairie Buttercup	RANUNCULACEAE	
IR		<i>Ranunculus sardous</i>									IR			SE1			Sardinian Buttercup	RANUNCULACEAE	
C		<i>Ranunculus sceleratus</i>	C	X	X	X	C	X	U	U	C	C	X	S5			Cursed Buttercup	RANUNCULACEAE	all CZ assumed to be var. multifidus
R		<i>Thalictrum dasycarpum</i>	C	R	X	R	R		R	R				S4?			Purple Meadow-rue	RANUNCULACEAE	
C		<i>Thalictrum dioicum</i>	C	X	X	X	C	X	C	C	C	C	C	S5			Early Meadow-rue	RANUNCULACEAE	
C		<i>Thalictrum pubescens</i>	?	X	X	X	C	X	C	C	C	C	C	S5			Tall Meadow-rue	RANUNCULACEAE	
R	cz	<i>Thalictrum revolutum</i>	R	H	R				R		H			S2			Skunk Meadow-rue	RANUNCULACEAE	
R	cz	<i>Thalictrum thalictroides</i>	R	R		R			U	R	R	R	H	S3			Rue-anemone	RANUNCULACEAE	formerly <i>Anemonella thalictroides</i>
R	cz	<i>Nelumbo lutea</i>	U	R	H				R		H			S2S3			American Lotus	NELUMBONACEAE	
C	cz	<i>Platanus occidentalis</i>	C	X	X	C	C	X	U	U	U	R	R	S4			Sycamore	PLATANACEAE	
IR		<i>Pachysandra terminalis</i>	IR										IR	SE1			Japanese-spurge	BUXACEAE	
C		<i>Hamamelis virginiana</i>	C	X	X	C	C	X	C	C	C	C	C	S4S5			American Witch-hazel	HAMAMELIDACEAE	
IR		<i>Liquidambar styraciflua</i>	IR											SE1			Sweetgum	ALTINGIACEAE	
IR		<i>Ribes alpinum</i>									IR			SE1			Alpine Currant	GROSSULARIACEAE	
C		<i>Ribes americanum</i>	C	X	C	C	C	X	C	C	C	C	C	S5			Wild Black Currant	GROSSULARIACEAE	
IR		<i>Ribes aureum</i>	IR	IR	IX	IR	IR				IH	IR	IR	SE3			Buffalo Currant	GROSSULARIACEAE	var. <i>villosum</i> , including <i>R. odoratum</i>
C		<i>Ribes cynosbati</i>	C	X	C	C	C	X	C	C	C	C	C	S5			Prickly Gooseberry	GROSSULARIACEAE	
R		<i>Ribes glandulosum</i>										R	H	S5			Skunk Currant	GROSSULARIACEAE	
U		<i>Ribes hirtellum</i>	R	R	R	X	X	X	U	X	R	U	R	S5			Smooth Gooseberry	GROSSULARIACEAE	
R		<i>Ribes lacustre</i>	?						R	?		R	?	S5			Bristly Black Currant	GROSSULARIACEAE	
IR		<i>Ribes nigrum</i>				IR				IX			IR	SE2			European Black Currant	GROSSULARIACEAE	
IX		<i>Ribes rubrum</i>			IX	IR	IR		IU	IX	IC	IX	IC	SE5			Northern Red Currant	GROSSULARIACEAE	
U		<i>Ribes triste</i>		R	R	X	X	X	U	R	R	C	R	S5			Swamp Red Currant	GROSSULARIACEAE	
IR		<i>Ribes uva-crispa</i>										IR	IR	SE1			European Gooseberry	GROSSULARIACEAE	
U		<i>Chrysosplenium americanum</i>			R	X	X		C	X	R	C	R	S4			American Golden-saxifrage	SAXIFRAGACEAE	
U	CZ	<i>Heuchera americana</i>	U											S1			American Alumroot	SAXIFRAGACEAE	
H		<i>Micranthes pensylvanica</i>									H			S1			Eastern Swamp Saxifrage	SAXIFRAGACEAE	formerly <i>Saxifraga pensylvanica</i>
U		<i>Micranthes virginensis</i>		R		R	R		R	C	U	C	R	S5			Virginia Saxifrage	SAXIFRAGACEAE	formerly <i>Saxifraga virginensis</i>

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C		<i>Mitella diphylla</i>	U	X	X	X	X	X	C	C	U	C	R	S5			Two-leaved Mitrewort	SAXIFRAGACEAE	
U		<i>Mitella nuda</i>			R	X	R	X	U	U	R	U	R	S5			Naked Mitrewort	SAXIFRAGACEAE	
C		<i>Tiarella cordifolia</i>	R	R	X	X	X	X	C	C	C	C	R	S5			Heart-leaved Foam-flower	SAXIFRAGACEAE	
IR		<i>Hylotelephium telephioides</i>	IR				IR							SE1			Alleghany Stonecrop	CRASSULACEAE	formerly included in Sedum
IR		<i>Hylotelephium telephium</i>		IX				IX		IX	IR	IX	IR	SE2			Garden Stonecrop	CRASSULACEAE	formerly included in Sedum
IR		<i>Phedimus spurius</i>				IR							IR	SE1			Two-row Stonecrop	CRASSULACEAE	formerly included in Sedum
IX		<i>Sedum acre</i>	IR	IX	IX	IX	IX	IX	IU	IX	IU	IX	IR	SE5			Gold-moss	CRASSULACEAE	
IR		<i>Sedum album</i>									IR		IR	SE1			White Stonecrop	CRASSULACEAE	
IR		<i>Sedum hispanicum</i>				IR							IR	SE1			Spanish Stonecrop	CRASSULACEAE	
IR		<i>Sedum sarmentosum</i>	IR			IR			IR		IR	IX	IR	SE1			Stringy Stonecrop	CRASSULACEAE	
IR		<i>Sedum ternatum</i>		IR							IR			SE1			Wood Stonecrop	CRASSULACEAE	
C		<i>Penthorum sedoides</i>	C	R	X	X	X	X	U	U	C	C	R	S5			Ditch-stonecrop	PENTHORACEAE	
R		<i>Myriophyllum heterophyllum</i>		R	R			X	U		H		H	S4			Variable-leaved Water-milfoil	HALORAGACEAE	
R		<i>Myriophyllum sibiricum</i>	R	R	?	R	R	X	R		H	R	R	S5			Siberian Water-milfoil	HALORAGACEAE	
IU		<i>Myriophyllum spicatum</i>	IU	IX	IX				IC		IR	IX	IR	SE5			Eurasian Water-milfoil	HALORAGACEAE	
R		<i>Myriophyllum verticillatum</i>	R	R	R				U			R	R	S5			Whorled Water-milfoil	HALORAGACEAE	
R		<i>Proserpinaca palustris</i>	R	R	R	R	R		U	U	R	R	H	S4			Marsh Mermaid-weed	HALORAGACEAE	
IH		<i>Ampelopsis glandulosa</i>											IH	SEH			Amur Peppervine	VITACEAE	formerly A. brevipedunculata
U	CZ	<i>Parthenocissus quinquefolia</i>	C	X	X	X	X	X	U	U	U	C	R	S4?			Virginia Creeper	VITACEAE	
IR		<i>Parthenocissus tricuspidata</i>		IR							IR			SE1			Boston-ivy	VITACEAE	
C		<i>Parthenocissus vitacea</i>	C	X	X	X	C	X	C	C	C	C	C	S5			Thicket Creeper	VITACEAE	sometimes called P. inserta
C	CZ	<i>Vitis aestivalis</i>	U	X	X	R	U		C	R	C	C	R	S4			Summer Grape	VITACEAE	
R	CZ	<i>Vitis labrusca</i>	R	H	R	R		?	R	X	IU	IR	IR	S1			Fox Grape	VITACEAE	likely both native and introduced in CZ
C		<i>Vitis riparia</i>	C	X	C	C	C	X	C	C	C	C	C	S5			Riverbank Grape	VITACEAE	
R	CZ	<i>Vitis vulpina</i>	R											S1			Frost Grape	VITACEAE	
IR		<i>Tribulus terrestris</i>			IR		IR							SE1			Puncture-vine	ZYGOPHYLLACEAE	
IR		<i>Amorpha fruticosa</i>	IR			IR	IR				IR	IR	IR	SU			Shrubby False Indigo	FABACEAE	sometimes considered native
C		<i>Amphicarpaea bracteata</i>	C	X	X	C	X	X	C	C	C	C	C	S5			American Hog-peanut	FABACEAE	
IR		<i>Anthyllis vulneraria</i>						IH				IR		SE1			Kidney-vetch	FABACEAE	
C		<i>Apios americana</i>	C	X	X	C	X	X	C	C	U	U	U	S5			American Groundnut	FABACEAE	
R		<i>Astragalus canadensis</i>	R	R	R	?			R		R	R	R	S4			Canada Milk-vetch	FABACEAE	
R		<i>Astragalus neglectus</i>			R	R		R	R		H		R	S3			Neglected Milk-vetch	FABACEAE	

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R	CZ	<i>Baptisia tinctoria</i>	R	H	R				R		H			S1S2			Yellow Wild Indigo	FABACEAE	
IR		<i>Caragana arborescens</i>									IR	IR	IR	SE1			Siberian Peashrub	FABACEAE	
IR		<i>Caragana frutex</i>			IR									SE1			Russian Peashrub	FABACEAE	
H	CZ	<i>Cercis canadensis</i>	H			IR				IR	IR		IR	SX			Eastern Redbud	FABACEAE	
IR		<i>Chamaecrista fasciculata</i>								IR				SE1			Showy Partridge Pea	FABACEAE	
IR		<i>Colutea arborescens</i>									IH	IR		SE1			Bladder-senna	FABACEAE	
IR		<i>Dalea purpurea</i>			IH		IR	IX	IR					S1			Purple Prairie-clover	FABACEAE	formerly <i>Petalostemum purpureum</i> ; introduced in CZ
C		<i>Desmodium canadense</i>	C	X	X	X	X	X	C	C	U	C	R	S4			Showy Tick-trefoil	FABACEAE	
R	CZ	<i>Desmodium canescens</i>	R	R	H	R				R				S2			Hoary Tick-trefoil	FABACEAE	
R	cz	<i>Desmodium cuspidatum</i>	R	R	R	R	R		R	R	H	R	R	S3			Large-bracted Tick-trefoil	FABACEAE	
H	CZ	<i>Desmodium illinoense</i>		H		H								SH	EXP	EXP	Illinois Tick-trefoil	FABACEAE	
H	CZ	<i>Desmodium marilandicum</i> var. <i>ciliare</i>									H			SX			Hairy Small-leaved Tick-trefoil	FABACEAE	formerly <i>D. ciliare</i>
H	CZ	<i>Desmodium marilandicum</i> var. <i>marilandicum</i>	H		H									SX			Smooth Small-leaved Tick-trefoil	FABACEAE	formerly <i>D. marilandicum</i>
U	cz	<i>Desmodium paniculatum</i>	U	R	R	X	X		U	R	R	R	H	S4			Narrow-leaved Tick-trefoil	FABACEAE	including <i>D. dillenii</i> or <i>D. perplexum</i> , sometimes treated as a separate species or varieties
R	cz	<i>Desmodium rotundifolium</i>	H	R	R	R			R		R			S2			Round-leaved Tick-trefoil	FABACEAE	
H	CZ	<i>Desmodium sessilifolium</i>	H											SX			Sessile-leaved Tick-trefoil	FABACEAE	
IR		<i>Galega officinalis</i>									IR		IR	SE1			Goat's Rue	FABACEAE	
R	CZ	<i>Gleditsia triacanthos</i>	U	R	R	IR	IX	IX	IU	IX	R	IX	IR	S2?			Honey-locust	FABACEAE	also widely introduced
IR		<i>Glycine max</i>	IR	IX	IX	IR		IX			IR	IR	IR	SE2			Soy Bean	FABACEAE	
H		<i>Glycyrrhiza lepidota</i>								H	H			S3			Wild Licorice	FABACEAE	
R	CZ	<i>Gymnocladus dioica</i>	R	R	R	R		R	R	R	IR	IR	IR	S2	THR	THR	Kentucky Coffee-tree	FABACEAE	native status of some populations uncertain
U		<i>Hylodesmum glutinosum</i>	U	R	X	X	X	X	C	C	U	C	U	S4			Large Tick-trefoil	FABACEAE	formerly included in <i>Desmodium</i>
R	cz	<i>Hylodesmum nudiflorum</i>	R	R	R	R	R		U	U	R	R	R	S4			Bare-stemmed Tick-trefoil	FABACEAE	formerly included in <i>Desmodium</i>
R		<i>Lathyrus japonicus</i>	H	R	R				U		R		R	S4			Beach Pea	FABACEAE	
IU		<i>Lathyrus latifolius</i>	IU	IX	IX	IX	IX		IU	IX	IR	IX	IR	SE4			Everlasting Pea	FABACEAE	

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R		<i>Lathyrus ochroleucus</i>	R	R	H		R		R	R	R		R	S4S5			Pale Vetchling Peavine	FABACEAE	
IR		<i>Lathyrus odoratus</i>									IH		IR	SE1			Sweet Pea	FABACEAE	
U		<i>Lathyrus palustris</i>	U	R	X	R			U	X	R	R	R	S5			Vetchling Peavine	FABACEAE	
IR		<i>Lathyrus pratensis</i>				IR	IR		IR				IR	SE2			Meadow Pea	FABACEAE	
IR		<i>Lathyrus sylvestris</i>							IH				IR	SE3			Flat Peavine	FABACEAE	
IR		<i>Lathyrus tuberosus</i>	IR	IX	IX		IR		IH		IR	IX	IX	SE3			Tuberous Vetchling	FABACEAE	
H		<i>Lathyrus venosus</i>			H					?				S4			Veiny Vetchling	FABACEAE	
IH		<i>Lens culinaris</i>									IH			SE1			Lentil	FABACEAE	
R	cz	<i>Lespedeza capitata</i>	R	R	X	R	R	X	C	C	R	C	R	S4			Round-headed Bush-clover	FABACEAE	
IH		<i>Lespedeza cuneata</i>					IH							SEH			Silky Bush-clover	FABACEAE	
R	CZ	<i>Lespedeza frutescens</i>	R		?						R			S1			Violet Bush-clover	FABACEAE	L. violacea of most CZ reports
R	cz	<i>Lespedeza hirta</i>	R	R	R	R	R		U	R	R	U	R	S4			Hairy Bush-clover	FABACEAE	
R	CZ	<i>Lespedeza procumbens</i>							R					S1			Trailing Bush-clover	FABACEAE	
IH		<i>Lespedeza thunbergii</i>					IH							SEH			Thunberg's Bush-clover	FABACEAE	
R	cz	<i>Lespedeza violacea</i>	R	R	R	R	R		U	R	R	R	R	S4?			Wand Bush-clover	FABACEAE	L. intermedia of most CZ reports
R	CZ	<i>Lespedeza virginica</i>	R											S1	END	END	Slender Bush-clover	FABACEAE	
hyb		<i>Lespedeza x longifolia</i>					hyb							hyb			(<i>Lespedeza capitata</i> X <i>Lespedeza hirta</i>)	FABACEAE	
hyb		<i>Lespedeza x nuttallii</i>					hyb		hyb		hyb			hyb			(<i>Lespedeza hirta</i> X <i>Lespedeza violacea</i>)	FABACEAE	
IC		<i>Lotus corniculatus</i>	IC	IX	IX	IX	IX	IX	IC	IX	IC	IC	IC	SE5			Garden Bird's-foot Trefoil	FABACEAE	
IH		<i>Lotus uliginosus</i>											IH	SEH			Large Bird's-foot Trefoil	FABACEAE	
R	cz	<i>Lupinus perennis</i>	R		R	R	?		U	R	H		R	S2S3			Sundial Lupine	FABACEAE	
IR		<i>Lupinus polyphyllus</i>											IR	SE4			Large-leaved Lupine	FABACEAE	
IR		<i>Medicago falcata</i>	IU		IX	IR	IR		IR				IR	SE4			Yellow Alfalfa	FABACEAE	sometimes included in M. sativa
IC		<i>Medicago lupulina</i>	IC	IX	IX	IC	IC	IX	IC	IX	IC	IC	IC	SE5			Black Medic	FABACEAE	
IH		<i>Medicago polymorpha</i>					IH						IH	SEH			Toothed Medic	FABACEAE	
IC		<i>Medicago sativa</i> ssp. <i>sativa</i>	IR	IX	IX	IC	IC	IX	IC	IX	IC	IX	IC	SE5			Alfalfa	FABACEAE	some records likely ssp. varia
IR		<i>Medicago sativa</i> ssp. <i>varia</i>	IR			IR							IR	SE			Variable Alfalfa	FABACEAE	
IC		<i>Melilotus albus</i>	IC	IX	IX	IC	IC	IX	IC	IX	IC	IC	IC	SE5			White Sweet-clover	FABACEAE	
IH		<i>Melilotus altissimus</i>			IH						IH			SE1			Tall Yellow Sweet-clover	FABACEAE	
IC		<i>Melilotus officinalis</i>	IC	IX	IX	IC	IC	IX	IU	IX	IC	IC	IU	SE5			Yellow Sweet-clover	FABACEAE	
IH		<i>Onobrychis viciifolia</i>			IH						IH			SE1			Common Sainfoin	FABACEAE	
IH		<i>Pisum sativum</i>							IH				IH	SE1			Garden Pea	FABACEAE	
IR		<i>Pueraria montana</i>	IR											SE1			Kudzu	FABACEAE	

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IC		<i>Robinia pseudoacacia</i>	IU	IX	IX	IC	IC	IX	IC	IX	IC	IC	IC	SE5			Black Locust	FABACEAE	
IR		<i>Robinia viscosa</i>									IR	IR	IR	SE3			Clammy Locust	FABACEAE	
IX		<i>Securigera varia</i>	IU			IX	IX		IC	IX	IU	IC	IC	SE5			Common Crown-vetch	FABACEAE	formerly <i>Coronilla varia</i>
R	CZ	<i>Senna hebecarpa</i>	R	R	R						H			S1			Wild Senna	FABACEAE	including <i>Cassia hebecarpa</i>
IH		<i>Sesbania herbacea</i>			IH									SEH			Sesbania	FABACEAE	
U	cz	<i>Strophostyles helvola</i>	C	R	H		U		U		R	H	R	S4			Trailing Wild Bean	FABACEAE	
R	CZ	<i>Tephrosia virginiana</i>							R					S1	END	END	Virginia Goat's-rue	FABACEAE	
IX		<i>Trifolium arvense</i>	IH					IX	IU		IR	IR	IR	SE4			Rabbit-foot Clover	FABACEAE	
IX		<i>Trifolium aureum</i>	IR	IR	IX	IX	IX	IX	IU	IX	IR	IX	IR	SE5			Yellow Clover	FABACEAE	
IX		<i>Trifolium campestre</i>	IU		IX	IX	IX		IU	IX	IR	IX	IX	SE5			Low Hop Clover	FABACEAE	
IX		<i>Trifolium dubium</i>	IX		IX		IR		IU	IX	IR		IR	SE4			Small Hop Clover	FABACEAE	
IR		<i>Trifolium fragiferum</i>	IR									IR	IR	SE1			Strawberry Clover	FABACEAE	
IC		<i>Trifolium hybridum</i>	IR	IX	IX	IX	IX	IX	IC		IC	IC	IC	SE5			Alsike Clover	FABACEAE	
IR		<i>Trifolium incarnatum</i>			?								IR	SE1			Crimson Clover	FABACEAE	
IH		<i>Trifolium medium</i>											IH	SEH			Zigzag Clover	FABACEAE	
IC		<i>Trifolium pratense</i>	IU	IX	IX	IX	IX	IX	IC	IX	IX	IC	IC	SE5			Red Clover	FABACEAE	
H	CZ	<i>Trifolium reflexum</i>	H		H									SX			Buffalo Clover	FABACEAE	
IC		<i>Trifolium repens</i>	IU	IX	IX	IX	IX	IX	IC	IX	IX	IC	IC	SE5			White Clover	FABACEAE	
IR		<i>Trifolium resupinatum</i>				IR						IR		SE1			Reversed Clover	FABACEAE	
R		<i>Vicia americana</i>	R		R					C	R	H	R	S5			American Vetch	FABACEAE	
R	cz	<i>Vicia caroliniana</i>	R	R	R		R		R	R	R	H		S2?			Carolina Vetch	FABACEAE	
IX		<i>Vicia cracca</i>	IR	IX	IX	IX	IX	IX	IU	IX	IC	IC	IC	SE5			Tufted Vetch	FABACEAE	
IR		<i>Vicia hirsuta</i>			IR									SE1			Hairy Vetch	FABACEAE	
IX		<i>Vicia sativa</i>	IR	IX	IX	IX	IX	IX	IU	IX	IC	IX	IR	SE5			Common Vetch	FABACEAE	
IH		<i>Vicia sepium</i>			IH						?	IH		SEH			Bush Vetch	FABACEAE	
IU		<i>Vicia tetrasperma</i>	IR	IX	IH	IX	IR		IU		IU	IX	IR	SE5			Four-seeded Vetch	FABACEAE	
IX		<i>Vicia villosa</i>	IC		IX	IX	IX	IX	IC	IX	IR	IX	IR	SE5			Shaggy Vetch	FABACEAE	
H	CZ	<i>Polygala cruciata</i>	H											SX			Cross-leaved Milkwort	POLYGALACEAE	
R	CZ	<i>Polygala incarnata</i>	R		R						H			S1	END	END	Pink Milkwort	POLYGALACEAE	
R	cz	<i>Polygala polygama</i>	H	R	R	R	R		U	R			H	S4			Racemed Milkwort	POLYGALACEAE	
R	cz	<i>Polygala sanguinea</i>	R	R	R		R		R		R		H	S3			Blood-red Milkwort	POLYGALACEAE	
R		<i>Polygala senega</i>	R	R	R	R	R		R	R	R	U	R	S4			Seneca Snakeroot	POLYGALACEAE	
R	cz	<i>Polygala verticillata</i>	R	R	R	H	R		U		R	R	R	S3?			Whorled Milkwort	POLYGALACEAE	
R		<i>Polygaloides paucifolia</i>		R	R	R	R	X	C	R	H	U	R	S5			Gay-wing Milkwort	POLYGALACEAE	formerly <i>Polygala paucifolia</i>
IR		<i>Agrimonia eupatoria</i>											IR	SE1			European Agrimony	ROSACEAE	
C		<i>Agrimonia gryposepala</i>	C	X	X	C	C	X	C	C	C	C	C	S5			Hooked Agrimony	ROSACEAE	
R	CZ	<i>Agrimonia parviflora</i>	C	X	R	R	R		R		R	R		S4			Swamp Agrimony	ROSACEAE	
U	cz	<i>Agrimonia pubescens</i>	C	X	R	R	R		U	R	R	U	R	S4			Soft Agrimony	ROSACEAE	

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R		<i>Amelanchier amabilis</i>											R	S2S3			Beautiful Serviceberry	ROSACEAE	sometimes called <i>A. sanguinea</i> var. <i>grandiflora</i>
C		<i>Amelanchier arborea</i>	U	X	X	C	R	X	C	X	C	C	U	S5			Downy Serviceberry	ROSACEAE	
R		<i>Amelanchier humilis</i>	R		R		R		R	R	R	R	R	S5			Low Serviceberry	ROSACEAE	CZ reports of <i>A. alnifolia</i> are assigned here
R		<i>Amelanchier interior</i>			R								?	SU			Inland Serviceberry	ROSACEAE	including <i>A. wiegandii</i>
C		<i>Amelanchier laevis</i>	R	X	R	U	X	X	C	X	U	C	U	S5			Smooth Serviceberry	ROSACEAE	
U		<i>Amelanchier sanguinea</i>	R		X	R	R	X	R	R	R	U	U	S5			Round-leaved Serviceberry	ROSACEAE	
U		<i>Amelanchier spicata</i>	R	X	X	R	R		U	R	R	R	U	S4			Running Serviceberry	ROSACEAE	including <i>A. stolonifera</i>
U		<i>Aronia melanocarpa</i>	U	X	R	R	R	X	U	R	U	C	R	S5			Black Chokeberry	ROSACEAE	
R		<i>Comarum palustre</i>	H	R	R	R	R	X	U	R	R	R	R	S5			Marsh Cinquefoil	ROSACEAE	formerly <i>Potentilla palustris</i>
IR		<i>Cotoneaster divaricatus</i>											IR	IR	SE1		Spreading Cotoneaster	ROSACEAE	including CZ reports of <i>C. horizontalis</i>
IR		<i>Cotoneaster lucidus</i>												SE1			Shiny Cotoneaster	ROSACEAE	including CZ reports of <i>C. acutifolia</i>
H		<i>Crataegus beata</i>							H		H			S1			Dunbar's Hawthorn	ROSACEAE	
R	cz	<i>Crataegus brainerdii</i>	R	R		R	R		R			R		S2			Brainerd's Hawthorn	ROSACEAE	
U	cz	<i>Crataegus calpodendron</i>	R	R	X	X	X		C		U	U	R	S4			Pear Hawthorn	ROSACEAE	
R		<i>Crataegus chrysoarpa</i> var. <i>chrysoarpa</i>	R		X	X	?		U	X	R	U	R	S5			Fireberry Hawthorn	ROSACEAE	var. assumed to be var. <i>chrysoarpa</i>
R		<i>Crataegus chrysoarpa</i> var. <i>phoeniceoides</i>											R	S1S2			Glabrous-fruited Fireberry Hawthorn	ROSACEAE	including reports of <i>C. chrysoarpa</i> var. <i>phoenicea</i> (an illegitimate name)
U	cz	<i>Crataegus coccinea</i> var. <i>coccinea</i>	R		R	R	C		U		R	R	X	S4			Scarlet Hawthorn	ROSACEAE	including <i>C. pedicellata</i>
R	cz	<i>Crataegus coccinea</i> var. <i>fulleriana</i>	R				R		R		H	R	R	S2?			Fuller's Hawthorn	ROSACEAE	including <i>C. fulleriana</i>
U	cz	<i>Crataegus coccinea</i> var. <i>pringlei</i>	R	R	R	X	X		C		R	U	R	S5			Pringle's Hawthorn	ROSACEAE	including <i>C. pringlei</i>
R	CZ	<i>Crataegus coccinioides</i>			R						R		R	S2			Kansas Hawthorn	ROSACEAE	including <i>C. conspecta</i>
X		<i>Crataegus cognata</i>	X	X		X	X				R			S4S5			White-anthered Frosted Hawthorn	ROSACEAE	
R	CZ	<i>Crataegus compacta</i>		R	R	X	R		R	X		R		S4			Clustered Hawthorn	ROSACEAE	
U	cz	<i>Crataegus crus-galli</i>	C	X	X	R	X	X	U		C	C	R	S4			Cockspur Hawthorn	ROSACEAE	
U	cz	<i>Crataegus dodgei</i>			?	U	U		R	X	H	U	H	S4			Dodge's Hawthorn	ROSACEAE	including <i>C. flavida</i>
R		<i>Crataegus flabellata</i>				R		X					R	S4			Fan-leaved Hawthorn	ROSACEAE	
R		<i>Crataegus florifera</i>				R								SU			Floriferous Hawthorn	ROSACEAE	including <i>C. sylvestris</i>
R		<i>Crataegus fluviatilis</i>				R							H	S2			Fort Sheridan Hawthorn	ROSACEAE	including <i>C. apiomorpha</i>

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R		<i>Crataegus formosa</i>									R	R		S2?			Waxy-fruited Hawthorn	ROSACEAE	
U	cz	<i>Crataegus holmesiana</i>	R	R	R	X	X		R		R	U	U	S4S5			Holmes' Hawthorn	ROSACEAE	
H	cz	<i>Crataegus intricata</i>							H		H		H	SH			Copenhagen Hawthorn	ROSACEAE	
R		<i>Crataegus lumaria</i>				R	R							S2			Round-leaved Hawthorn	ROSACEAE	
R		<i>Crataegus macracantha</i>				X	X		R		U	U	R	S5			Large-thorned Hawthorn	ROSACEAE	
C		<i>Crataegus macrosperma</i>	R	R	R	X	X	X	C	X	U	C	R	S5			Big-fruited Hawthorn	ROSACEAE	
R	cz	<i>Crataegus magniflora</i>				R	R					R	R	S3			Shining-branch Hawthorn	ROSACEAE	including <i>C. corusca</i>
R	CZ	<i>Crataegus margarettae</i>		R		R			R					S1			Margarett's Hawthorn	ROSACEAE	
C	cz	<i>Crataegus mollis</i>	C	X	X	X	X	X			C	U		S4S5			Downy Hawthorn	ROSACEAE	var. <i>mollis</i>
IU		<i>Crataegus monogyna</i>	IR	IR	IX	IX	IX	IX	IC	IX	IC	IX	IC	SE4			English Hawthorn	ROSACEAE	
H		<i>Crataegus nitidula</i>			H									SH			Ontario Hawthorn	ROSACEAE	
R		<i>Crataegus pennsylvanica</i>							R	R	R			S1S2			Pennsylvania Hawthorn	ROSACEAE	
R	CZ	<i>Crataegus perjucunda</i>				R								S1?			Middlesex Frosted Hawthorn	ROSACEAE	
R	CZ	<i>Crataegus persimilis</i>	R											S1			Plum-leaved Hawthorn	ROSACEAE	
IR		<i>Crataegus phaenopyrum</i>									IR			SE1			Washington Hawthorn	ROSACEAE	
R	CZ	<i>Crataegus populnea</i>	R						R		R	R	H	S4			Poplar Hawthorn	ROSACEAE	including <i>C. compta</i>
R	cz	<i>Crataegus pruinosa</i> var. <i>dissona</i>	R		R	R	R			X	H	R		S3			Northern Hawthorn	ROSACEAE	including <i>C. dissona</i>
R		<i>Crataegus pruinosa</i> var. <i>parvula</i>			R		R				R			S4?			Small-leaved Frosted Hawthorn	ROSACEAE	including <i>C. parvula</i>
U	cz	<i>Crataegus pruinosa</i> var. <i>pruinosa</i>	U	X	R	X	X		C		U	U	R	S4S5			Frosted Hawthorn	ROSACEAE	including <i>C. ater</i>
R		<i>Crataegus pruinosa</i> var. <i>rugosa</i>	R		R									S4?			Broad-leaved Frosted Hawthorn	ROSACEAE	including <i>C. rugosa</i>
C		<i>Crataegus punctata</i>	C	X	X	C	C	X	C	X	C	C	C	S5			Dotted Hawthorn	ROSACEAE	
R		<i>Crataegus scabrida</i>				R			U		R	R		S3			Rough Hawthorn	ROSACEAE	including var. <i>asperifolia</i> ; GTA list includes <i>C. scabrida</i> in <i>C. schuettei</i>
R		<i>Crataegus schuettei</i>	R		R	X	X		R			R	R	S4			Schuettei's Hawthorn	ROSACEAE	
R		<i>Crataegus submollis</i>			?						R		R	S5			Quebec Hawthorn	ROSACEAE	
R		<i>Crataegus suborbiculata</i>		R		R	R							S2			Caughnawaga hawthorn	ROSACEAE	
C		<i>Crataegus succulenta</i>	R	R	R	X	X	X	C	X	U	C	R	S5			Fleshy Hawthorn	ROSACEAE	var. <i>succulenta</i>
hyb		<i>Crataegus x ninae-celottiae</i>	hyb		hyb		hyb						hyb	hyb			(<i>Crataegus monogyna</i> X <i>Crataegus punctata</i>)	ROSACEAE	

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IR		<i>Cydonia oblonga</i>	IR								IH			SE1			Common Quince	ROSACEAE	
R		<i>Dasiphora fruticosa</i>			R	R			R	R	H		H	S5			Shrubby Cinquefoil	ROSACEAE	formerly <i>Potentilla fruticosa</i>
R		<i>Drymocallis arguta</i>	R		H		R		R	R				S4			Tall Cinquefoil	ROSACEAE	formerly <i>Potentilla arguta</i>
IR		<i>Exochorda racemosa</i>									IR			SE1			Common Pearlbush	ROSACEAE	
IR		<i>Filipendula rubra</i>					IR						IR	SE1			Queen-of-the-prairie	ROSACEAE	
IR		<i>Filipendula ulmaria</i>									IH		IR	SE1			Queen-of-the-meadow	ROSACEAE	
IR		<i>Filipendula vulgaris</i>			IX								IR	SE1			Dropwort	ROSACEAE	
U		<i>Fragaria vesca</i>	H	R	R	X	X	X	U	U	C	C	C	S5			American Woodland Strawberry	ROSACEAE	mostly or entirely ssp. americana, though the introduced ssp. vesca may also be present
C		<i>Fragaria virginiana</i>	C	X	X	C	C	X	C	C	C	C	C	SU			Smooth Wild Strawberry	ROSACEAE	ssp. glauca and ssp. virginiana occur in Ontario
C		<i>Geum aleppicum</i>	R	R	R	X	X	X	U	C	C	C	X	S5			Yellow Avens	ROSACEAE	
C		<i>Geum canadense</i>	C	X	C	X	X	X	C	C	C	C	C	S5			White Avens	ROSACEAE	
U		<i>Geum fragarioides</i>	R	R	R	R	R	X	U	X	U	C	U	S5			Barren Strawberry	ROSACEAE	
C		<i>Geum laciniatum</i>	C	R	R	X	X	X	C	X	C	C	C	S4			Rough Avens	ROSACEAE	
H		<i>Geum macrophyllum</i>			H		?			?				SU			Large-leaved Avens	ROSACEAE	CZ records assumed to be var. macrophyllum
R		<i>Geum rivale</i>	R	R	R	R	R	X	U	R	R	U	R	S5			Purple Avens	ROSACEAE	
R		<i>Geum triflorum</i>				R			R	R				S4			Three-flowered Avens	ROSACEAE	
IX		<i>Geum urbanum</i>				IR	IR	IX	IR	IX	IR	IX	IX	SE3			Wood Avens	ROSACEAE	
R	cz	<i>Geum vernum</i>	C	R	X	R					R			S4			Spring Avens	ROSACEAE	
H	CZ	<i>Geum virginianum</i>	H		?									SH			Pale Avens	ROSACEAE	
hyb		<i>Geum x catlingii</i>				hyb		hyb			hyb	hyb	hyb	hyb			(<i>Geum canadense</i> X <i>Geum urbanum</i>)	ROSACEAE	
H	CZ	<i>Gillenia trifoliata</i>	?				H			H		H	H	SX			Bowman's-root	ROSACEAE	including <i>Porteranthus trifoliata</i>
IR		<i>Kerria japonica</i>				IR							IR	SE1			Japanese-rose	ROSACEAE	
IR		<i>Malus baccata</i>									IR	IR	IR	SE1			Siberian Crabapple	ROSACEAE	
C	cz	<i>Malus coronaria</i>	C	X	X	X	X		C	R	U	C	R	S4			Sweet Crabapple	ROSACEAE	
IR		<i>Malus prunifolia</i>					IR						IR	SE1			Pear-leaved Crabapple	ROSACEAE	
IC		<i>Malus pumila</i>	IR	IX	IX	IX	IX	IX	IC	IX	IC	IX	IC	SE4			Common Apple	ROSACEAE	
IR		<i>Malus toringo</i>									IR			SE1			Japanese Crabapple	ROSACEAE	including reports of <i>M. sieboldii</i>
H		<i>Physocarpus intermedius</i>			H									SU			Intermediate Eastern Ninebark	ROSACEAE	often included in <i>P. opulifolius</i>
U		<i>Physocarpus opulifolius</i>	R	R	X	X	X	X	U	C	U	C	R	S5			Eastern Ninebark	ROSACEAE	often planted, obscuring the original natural distribution
C		<i>Potentilla anserina</i>	C	X	X	X	X		C	IX	C	U	U	S5			Common Silverweed	ROSACEAE	ssp. anserina
IX		<i>Potentilla argentea</i>	IU	IX	IX	IX	IX	IX	IC	IX	IR	IX	IR	SE5			Silvery Cinquefoil	ROSACEAE	
R		<i>Potentilla canadensis</i>		R	R			H		R		R		S2?			Canada Cinquefoil	ROSACEAE	
IU		<i>Potentilla inclinata</i>	IU	IX	IX	IX	IX	IX	IU	IX	IR	IR	IR	SE4			Ashy Cinquefoil	ROSACEAE	sometimes considered to be a hybrid of <i>P. argentea</i> and <i>P. recta</i>
IR		<i>Potentilla indica</i>	IR				IR				IR	IR	IR	SE1			Mock-strawberry	ROSACEAE	formerly included in <i>Duchesnia</i>

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C		<i>Potentilla norvegica</i>	C	X	X	X	X	X	U	C	C	X	C	S5			Norwegian Cinquefoil	ROSACEAE	both native populations and populations of European origin likely occur in the CZ
IR		<i>Potentilla pennsylvanica</i>											IR	S3			Pennsylvania Cinquefoil	ROSACEAE	introduced in CZ
IC		<i>Potentilla recta</i>	IC	IX	IX	IX	IX	IX	IC	IX	IC	IX	IC	SE5			Sulphur Cinquefoil	ROSACEAE	
IR		<i>Potentilla reptans</i>			IX	IR			IR	IX	IR		IR	SE2			Creeping Cinquefoil	ROSACEAE	
C		<i>Potentilla simplex</i>	C	R	X	X	X	X	C	C	C	C	R	S5			Old-field Cinquefoil	ROSACEAE	
R	cz	<i>Potentilla supina</i>	R	R	R		R		R		R	H	R	S4			Spreading Cinquefoil	ROSACEAE	formerly <i>P. paradoxa</i>
IH		<i>Potentilla verna</i>											IH	SEH			Spring Cinquefoil	ROSACEAE	
IX		<i>Poterium sanguisorba</i>				IX		IX					IR	IX	IX		Salad Burnet	ROSACEAE	formerly <i>Sanguisorba minor</i>
U	cz	<i>Prunus americana</i>	R	R	X	X	R		U	U	R	C	R	S4			American Plum	ROSACEAE	
IR		<i>Prunus avium</i>	IR	IX	IX	IR	IR		IU	IX	IC	IX	IX	SE4			Sweet Cherry	ROSACEAE	
IR		<i>Prunus cerasifera</i>							IR		IR		IR	SE1			Cherry Plum	ROSACEAE	
IR		<i>Prunus cerasus</i>	IR		IH						IR	IR	IX	SE1			Sour Red Cherry	ROSACEAE	
IR		<i>Prunus domestica</i>	IR		IR	IX	IX				IR	IR	IR	SE2			European Plum	ROSACEAE	
IR		<i>Prunus glandulosa</i>											IR	SE1			Flowering Almond	ROSACEAE	
IR		<i>Prunus mahaleb</i>	IR						IR	IR	IR	IX	IR	SE2			Perfumed Cherry	ROSACEAE	
U		<i>Prunus nigra</i>	U	R	R	X	R	X	U	R	R	C	R	S4			Canada Plum	ROSACEAE	
C		<i>Prunus pennsylvanica</i>	R	X	X	X	X	X	C	R	R	C	R	S5			Pin Cherry	ROSACEAE	
IR		<i>Prunus persica</i>	IH			IR	IR				IR	IR	IR	SE1			Peach	ROSACEAE	
R		<i>Prunus pumila</i> var. <i>pumila</i>	R	R	R				R		R			S3			Sand Cherry	ROSACEAE	
R		<i>Prunus pumila</i> var. <i>susquehanae</i>							R		?		H	S4?			Susquehanna Cherry	ROSACEAE	
C		<i>Prunus serotina</i>	C	X	X	C	C	X	C	C	C	C	C	S5			Black Cherry	ROSACEAE	
IR		<i>Prunus spinosa</i>											IR	IR	SE1		Blackthorn	ROSACEAE	
IR		<i>Prunus tomentosa</i>							IR				IR	SE1			Nanking Cherry	ROSACEAE	
C		<i>Prunus virginiana</i>	C	X	C	C	C	X	C	C	C	C	C	S5			Choke Cherry	ROSACEAE	
IR		<i>Pyracantha coccinea</i>											IR	IR	SE1		Scarlet Firethorn	ROSACEAE	
IU		<i>Pyrus communis</i>	IR		IX	IX	IX	IX	IC	IX	IC	IX	IR	SE4			Common Pear	ROSACEAE	
IR		<i>Rhodotypos scandens</i>	IR		IR								IR	IR	IR	SE1	Black Jetbead	ROSACEAE	
R		<i>Rosa acicularis</i>		R	R	R	R	X		R		R	R	S5			Prickly Rose	ROSACEAE	
C		<i>Rosa blanda</i>	C	X	X	X	X		U	C	C	C	U	S5			Smooth Rose	ROSACEAE	
IX		<i>Rosa canina</i>	IU	IX	IX	IX	IR		IR		IR	IX	IR	SE2			Dog Rose	ROSACEAE	
C	cz	<i>Rosa carolina</i>	C	X	R	R	U		U	C	C	C	R	S4			Carolina Rose	ROSACEAE	ssp. <i>carolina</i>
IC		<i>Rosa multiflora</i>	IC	IX	IX	IX	IX	IX	IU	IX	IC	IC	IC	SE5			Multiflora Rose	ROSACEAE	
C		<i>Rosa palustris</i>	C	X	X	X	X	X	C	U	C	C	R	S5			Swamp Rose	ROSACEAE	
IR		<i>Rosa rubiginosa</i> var. <i>nemoralis</i>	IR		IR									SE1			Small-flowered Rose	ROSACEAE	including <i>R. micrantha</i>
IX		<i>Rosa rubiginosa</i> var. <i>rubiginosa</i>	IU	IX	IX	IX	IX	IX	IR		IR	IX	IX	SE4			Briar Rose	ROSACEAE	including <i>R. eglanthera</i>
IR		<i>Rosa rugosa</i>	IR						IR	IR		IR	IR	SE1			Rugosa Rose	ROSACEAE	
R	cz	<i>Rosa setigera</i>	C	R	R	R								S2S3	SC	SC	Climbing Prairie Rose	ROSACEAE	

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hyb		<i>Rosa x gilmaniana</i>	hyb											hyb			(<i>Rosa blanda</i> X <i>Rosa carolina</i>)	ROSACEAE		
hyb		<i>Rosa x hainesii</i>	hyb								hyb			hyb			(<i>Rosa blanda</i> X <i>Rosa virginiana</i>)	ROSACEAE		
hyb		<i>Rosa x harmsiana</i>					hyb							hyb			(<i>Rosa acicularis</i> X <i>Rosa arkansana</i>)	ROSACEAE		
hyb		<i>Rosa x oldhamii</i>		hyb										hyb			(<i>Rosa arkansana</i> X <i>Rosa woodsii</i>)	ROSACEAE	including previous CZ reports of <i>R. arkansana</i>	
C		<i>Rubus allegheniensis</i>	C	X	X	C	C	X	C	X	C	C	C	S5			Allegheny Blackberry	ROSACEAE		
IR		<i>Rubus bifrons</i>	IR								IR	IR	IR	SE2			Himalayan Blackberry	ROSACEAE	including <i>R. armeniacus</i>	
R		<i>Rubus canadensis</i>	R	R	?	R				?	X		H	S5			Smooth Blackberry	ROSACEAE		
C		<i>Rubus flagellaris</i>	C	R	X	R	R		C	C	U	U	R	S4			Northern Dewberry	ROSACEAE		
C		<i>Rubus hispidus</i>	C	X	R	R	X	X	C	X	C	U	R	S4			Bristly Dewberry	ROSACEAE		
IR		<i>Rubus idaeus</i> ssp. <i>idaeus</i>										IR	IR	IR			Common Red Raspberry	ROSACEAE		
C		<i>Rubus idaeus</i> ssp. <i>strigosus</i>	C	X	X	X	X	X	C	C	C	C	C	S5			Wild Red Raspberry	ROSACEAE	including <i>R. strigosus</i>	
IR		<i>Rubus laciniatus</i>	IR	IR								IR		SE1			Cut-leaved Blackberry	ROSACEAE		
C		<i>Rubus occidentalis</i>	C	X	C	C	X	X	C	X	C	C	C	S5			Black Raspberry	ROSACEAE		
C		<i>Rubus odoratus</i>	C	R	H	R	X		C	X	C	C	C	S5			Purple-flowering Raspberry	ROSACEAE		
R		<i>Rubus pensilvanicus</i>	R						R		R	R		SU			Pennsylvania Blackberry	ROSACEAE		
C		<i>Rubus pubescens</i>	R	X	X	X	X	X	C	C	C	C	C	S5			Dewberry	ROSACEAE		
R		<i>Rubus repens</i>			R			X		R				S4?			Dewdrop	ROSACEAE	formerly <i>Dalibarda repens</i>	
R		<i>Rubus setosus</i>					R				R	R		S4			Small Bristleberry	ROSACEAE		
IR		<i>Sorbaria sorbifolia</i>			IH	IR	IR	IX	IR	IX	IR	IR	IR	SE4			False Spiraea	ROSACEAE		
R		<i>Sorbus americana</i>	?		R			X		?	H			S5			American Mountain-ash	ROSACEAE		
IX		<i>Sorbus aucuparia</i>	IR		IX	IX	IX	IX	IR	IX	IC	IX	IC	SE4			European Mountain-ash	ROSACEAE		
R		<i>Sorbus decora</i>	?									R		S5			Northern Mountain-ash	ROSACEAE		
IR		<i>Sorbus intermedia</i>										IR	IR	IR			Swedish Whitebeam	ROSACEAE		
C		<i>Spiraea alba</i>	C	X	X	X	X	X	C	C	C	C	R	S5			White Meadowsweet	ROSACEAE	mostly var. <i>alba</i> in CZ, though var. <i>latifolia</i> may occur rarely	
IR		<i>Spiraea corymbosa</i>											IR	SE1			Corymbed Meadowsweet	ROSACEAE		
IR		<i>Spiraea japonica</i>				IR						IR	IR	SE1			Japanese Spiraea	ROSACEAE		
IR		<i>Spiraea prunifolia</i>				IR			IR		IH			SE1			Bridal-wreath	ROSACEAE		
R		<i>Spiraea tomentosa</i>	R	R	R				R	R			H	S5			Steeplebush	ROSACEAE		
hyb		<i>Spiraea x vanhouttei</i>	hyb		hyb		hyb						hyb	hyb			(<i>Spiraea cantoniensis</i> X <i>Spiraea trilobata</i>)	ROSACEAE		
IR		<i>Cercidiphyllum japonicum</i>										IR	IR	SE1			Katsura-tree	CERCIDIPHYLLACEAE		
IU		<i>Elaeagnus angustifolia</i>	IR		IR	IR	IR				IX	IR	IX	IC	SE3			Russian Olive	ELAEAGNACEAE	
IR		<i>Elaeagnus commutata</i>											IR	S4			Wolf-willow	ELAEAGNACEAE	introduced in CZ; occasionally spreading from plantings in the Toronto area	

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IU		<i>Elaeagnus umbellata</i>	IR	IX	IR	IR	IR		IU	IX	IU	IX	IU	SE3			Autumn Olive	ELAEAGNACEAE	
R		<i>Shepherdia canadensis</i>	R	R	R	R	C		R	R	R	R	R	S5			Canada Buffalo-berry	ELAEAGNACEAE	
R	cz	<i>Ceanothus americanus</i>	R	R	X	R	R		C	R	R	U	R	S4			New Jersey Tea	RHAMNACEAE	
R		<i>Ceanothus herbaceus</i>	R	R	R							R	H	S4			Prairie Redroot	RHAMNACEAE	
U		<i>Endotropis alnifolia</i>	R		R	X	R		U	X	R	C	R	S5			Alder-leaved Buckthorn	RHAMNACEAE	formerly Rhamnus alnifolia
IU		<i>Frangula alnus</i>	IR		IX	IU	IR	IX	IU	IX	IC	IX	IR	SE5			Glossy Buckthorn	RHAMNACEAE	formerly Alnus frangula
IC		<i>Rhamnus cathartica</i>	IU	IX	IC	IC	IC	IX	IU	IX	IC	IC	IC	SE5			Common Buckthorn	RHAMNACEAE	
C		<i>Ulmus americana</i>	C	X	C	C	C	X	C	C	C	C	C	S5			American Elm	ULMACEAE	
IR		<i>Ulmus glabra</i>									IR		IR	SE1			Wych Elm	ULMACEAE	
IR		<i>Ulmus minor</i>					IR							SE1			Smooth-leaved Elm	ULMACEAE	
IR		<i>Ulmus parvifolia</i>											IR	SE1			Chinese Elm	ULMACEAE	
IR		<i>Ulmus procera</i>				IR					IR	IR		SE1			English Elm	ULMACEAE	
IX		<i>Ulmus pumila</i>	IU	IR	IX	IR	IR	IX	IR	IX	IU	IX	IC	SE3			Siberian Elm	ULMACEAE	
C		<i>Ulmus rubra</i>	C	X	X	X	C	X	U	X	U	C	R	S5			Slippery Elm	ULMACEAE	
R		<i>Ulmus thomasii</i>	R	R	R	R	R		R	R	R	C	R	S4			Rock Elm	ULMACEAE	
IR		<i>Cannabis sativa</i>	IR		IX	IR	IR	IX	IR	IX	IR	IR	IR	SE1			Marijuana	CANNABACEAE	
C		<i>Celtis occidentalis</i>	C	X	X	X	C	X	U	U	R	U	R	S4			Common Hackberry	CANNABACEAE	
R	cz	<i>Celtis tenuifolia</i>	R		R	IR				R	R			S2	THR	THR	Dwarf Hackberry	CANNABACEAE	
IR		<i>Humulus japonicus</i>	IR			IR	IR		IR	IX		IX	IR	SE3			Japanese Hop	CANNABACEAE	
R		<i>Humulus lupulus</i>	IR	R	H	IR	IR		IR	IX	IR	IX	IR	SU			Common Hop	CANNABACEAE	native vs. introduced status uncertain at some sites, possibly in part native
IR		<i>Ficus carica</i>	IR											SE1			Common Fig	MORACEAE	
IR		<i>Maclura pomifera</i>	IR				IR		IU	IX	IR	IR	IR	SE2			Osage-orange	MORACEAE	
IC		<i>Morus alba</i>	IC	IX	IX	IX	IU	IX	IU	IX	IC	IC	IC	SE5			White Mulberry	MORACEAE	
R	cz	<i>Morus rubra</i>	R	R		R	R			?	R	R	H	S2	END	END	Red Mulberry	MORACEAE	hybridizes with Morus alba at some sites
C		<i>Boehmeria cylindrica</i>	C	X	X	X	X	X	C	C	C	C	U	S5			False Nettle	URTICACEAE	
C		<i>Laportea canadensis</i>	C	X	X	X	X	X	C	C	C	C	U	S5			Wood Nettle	URTICACEAE	
U	cz	<i>Parietaria pensylvanica</i>	U	X	R	R	R		U	R	R	R	U	S4			Pennsylvania Pellitory	URTICACEAE	
U		<i>Pilea fontana</i>	R	R	R	R	R	X	U	C	U	C	R	S4			Springs Clearweed	URTICACEAE	
C		<i>Pilea pumila</i>	C	X	X	X	U	X	C	U	C	C	U	S5			Canada Clearweed	URTICACEAE	
IR		<i>Urtica dioica</i> ssp. <i>dioica</i>				IR	IR			IX	IR	IX	IR	SE2			European Stinging Nettle	URTICACEAE	
C		<i>Urtica dioica</i> ssp. <i>gracilis</i>	C	X	X	C	C	X	C	C	C	C	C	S5			Slender Stinging Nettle	URTICACEAE	sometimes called U. gracilis
IR		<i>Urtica urens</i>				IH							IR	SE1			Burning Nettle	URTICACEAE	
U	cz	<i>Castanea dentata</i>	U	R	H	R	C	R	C	R	U	U	?	S1S2	END	END	American Chestnut	FAGACEAE	
C		<i>Fagus grandifolia</i>	C	X	X	C	C	X	C	C	C	C	C	S4			American Beech	FAGACEAE	
C		<i>Quercus alba</i>	C	X	X	C	C	X	C	C	C	C	C	S5			White Oak	FAGACEAE	
C	cz	<i>Quercus bicolor</i>	C	X	X	X	C	X	C	U	C	C	R	S4			Swamp White Oak	FAGACEAE	

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R	cz	<i>Quercus ellipsoidalis</i>					?		C	U	?	R		S3			Northern Pin Oak	FAGACEAE	
C		<i>Quercus macrocarpa</i>	C	X	C	C	C	X	C	C	U	C	C	S5			Bur Oak	FAGACEAE	
U	cz	<i>Quercus muehlenbergii</i>	U	R	X	U	R		R	R	U	C	R	S4			Chinquapin Oak	FAGACEAE	
C	CZ	<i>Quercus palustris</i>	C	R	R						?	C		S4			Pin Oak	FAGACEAE	
R	cz	<i>Quercus prinoides</i>	?		R				R	R				S2			Dwarf Chinquapin Oak	FAGACEAE	
IR		<i>Quercus robur</i>				IR							IR	SE1			English Oak	FAGACEAE	
C		<i>Quercus rubra</i>	C	X	X	C	C	X	C	C	C	C	C	S5			Northern Red Oak	FAGACEAE	
R	CZ	<i>Quercus shumardii</i>	U	R	R		R				R			S3	SC	SC	Shumard Oak	FAGACEAE	
C	cz	<i>Quercus velutina</i>	C	X	X	X	C		C	C	U	C	R	S4			Black Oak	FAGACEAE	
hyb		<i>Quercus x bebbiana</i>			hyb				hyb			hyb	hyb	hyb			(<i>Quercus alba</i> X <i>Quercus macrocarpa</i>)	FAGACEAE	
hyb		<i>Quercus x deamii</i>							hyb					hyb			(<i>Quercus macrocarpa</i> X <i>Quercus muehlenbergii</i>)	FAGACEAE	
hyb		<i>Quercus x hawkinsii</i>			hyb								hyb	hyb			(<i>Quercus rubra</i> X <i>Quercus velutina</i>)	FAGACEAE	
hyb		<i>Quercus x schuettei</i>	hyb						hyb		hyb	hyb		hyb			(<i>Quercus bicolor</i> X <i>Quercus macrocarpa</i>)	FAGACEAE	
R		<i>Comptonia peregrina</i>	R		H	R	R	X	R				R	S5			Sweet Fern	MYRICACEAE	
R	CZ	<i>Morella pensylvanica</i>							R					S1			Northern Bayberry	MYRICACEAE	formerly <i>Myrica pensylvanica</i>
R		<i>Myrica gale</i>										R		S5			Sweet Gale	MYRICACEAE	
C		<i>Carya cordiformis</i>	C	X	X	X	C	X	C	C	C	C	C	S5			Bitternut Hickory	JUGLANDACEAE	
U	cz	<i>Carya glabra</i>	R	R	R	R	R		C	C	U	R		S3			Pignut Hickory	JUGLANDACEAE	including <i>C. ovalis</i>
U	CZ	<i>Carya laciniosa</i>	C	U	R		H		R		R			S3			Shellbark Hickory	JUGLANDACEAE	
C		<i>Carya ovata</i>	C	X	X	X	C	X	C	C	C	C	U	S5			Shagbark Hickory	JUGLANDACEAE	
U		<i>Juglans cinerea</i>	C	X	X	X	U	X	C	C	U	C	U	S2?	END	END	Butternut	JUGLANDACEAE	declining
C		<i>Juglans nigra</i>	C	X	X	X	C	X	C	C	C	C	C	S4?			Black Walnut	JUGLANDACEAE	
hyb		<i>Juglans x bixbyi</i>											hyb	hyb			(<i>Juglans ailantifolia</i> X <i>Juglans cinerea</i>)	JUGLANDACEAE	
IU		<i>Alnus glutinosa</i>	IR		IR	IU	IR	IX	IC	IX	IU	IX	IC	SE4			European Black Alder	BETULACEAE	
U		<i>Alnus incana</i>	H		R	U		X	U	R	U	C	U	S5			Speckled Alder	BETULACEAE	formerly <i>A. rugosa</i>
C		<i>Betula alleghaniensis</i>	R	X	R	X	C	X	C	C	C	C	C	S5			Yellow Birch	BETULACEAE	
R	CZ	<i>Betula lenta</i>									R			S1	END	END	Cherry Birch	BETULACEAE	
H	CZ	<i>Betula murrayana</i>							H					SH			Murray's Birch	BETULACEAE	
C		<i>Betula papyrifera</i>	IR	R	X	X	C	X	C	C	C	C	C	S5			Paper Birch	BETULACEAE	
IR		<i>Betula pendula</i>	IR	IR	IX	IR	IR	IX		IR	IU	IR	IR	SE4			Weeping Birch	BETULACEAE	
R		<i>Betula populifolia</i>					R							S4			Gray Birch	BETULACEAE	
R		<i>Betula pumila</i>	R		H	R		X	R			R		S5			Bog Birch	BETULACEAE	
hyb		<i>Betula x sandbergii</i>					hyb							hyb			(<i>Betula papyrifera</i> X <i>Betula pumila</i>)	BETULACEAE	
C		<i>Carpinus caroliniana</i>	C	X	X	C	C	X	C	C	C	C	C	S5			Blue-beech	BETULACEAE	
C	cz	<i>Corylus americana</i>	C	X	X	C	C	X	C	C	R	R	R	S5			American Hazelnut	BETULACEAE	
U		<i>Corylus cornuta</i>		R	R	X	X	X	U	R	R	C	U	S5			Beaked Hazelnut	BETULACEAE	
C		<i>Ostrya virginiana</i>	C	X	C	C	C	X	C	C	C	C	C	S5			Eastern Hop-hornbeam	BETULACEAE	

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IR		<i>Citrullus lanatus</i>	IR				IR				IR		IR	SE1			Watermelon	CUCURBITACEAE	including reports of <i>C. colocynthis</i>
IR		<i>Cucumis melo</i>											IR	SE1			Cantaloupe	CUCURBITACEAE	
IR		<i>Cucumis sativus</i>											IR	SE1			Garden Cucumber	CUCURBITACEAE	
IR		<i>Cucurbita pepo</i>									IH	IR	IR	SE1			Field Pumpkin	CUCURBITACEAE	
C		<i>Echinocystis lobata</i>	U	X	X	X	X	X	C	C	C	C	C	S5			Wild Mock-cucumber	CUCURBITACEAE	
U		<i>Sicyos angulatus</i>	U	R	R	X	X		U	U	R	U	R	S4S5			One-seeded Bur-cucumber	CUCURBITACEAE	
IR		<i>Thladiantha dubia</i>		IR	IR	IR			IR				IH	SE2			Manchu Tuber-gourd	CUCURBITACEAE	
IR		<i>Celastrus orbiculatus</i>	IR	IR	IR	IR			IR		IR	IR	IU	SE2			Oriental Bittersweet	CELASTRACEAE	
C		<i>Celastrus scandens</i>	C	X	X	X	X	X	C	C	C	C	C	S5			Climbing Bittersweet	CELASTRACEAE	
IR		<i>Euonymus alatus</i>	IR	IR	IR	IR			IR	IX	IR	IR	IR	SE2			Winged Euonymus	CELASTRACEAE	
R	cz	<i>Euonymus atropurpureus</i>	C	R	R	R	R		R	R	R	R	H	S3			Eastern Burning Bush	CELASTRACEAE	
IR		<i>Euonymus europaeus</i>	IR	IX	IR	IR	IR	IX		IX	IU		IR	SE2			European Euonymus	CELASTRACEAE	
IR		<i>Euonymus fortunei</i>	IR	IR	IR	IR	IR			IX	IU	IR	IU	SE2			Climbing Euonymus	CELASTRACEAE	
C	cz	<i>Euonymus obovatus</i>	C	X	X	C	C	X	C	C	C	C	C	S4			Running Strawberry Bush	CELASTRACEAE	
R		<i>Parnassia glauca</i>	R	R	X	X	X	X	U	U	R	R		S5			Fen Grass-of-Parnassus	CELASTRACEAE	
H		<i>Parnassia parviflora</i>											H	S4			Small-flowered Grass-of-Parnassus	CELASTRACEAE	
IR		<i>Oxalis corniculata</i>	IR		?	IR			IR	?		IR	IR	SE1			Creeping Wood-sorrel	OXALIDACEAE	
U		<i>Oxalis dillenii</i>	X		X	X	X	X	U		U	C	X	S5?			Slender Yellow Wood-sorrel	OXALIDACEAE	
R		<i>Oxalis montana</i>								R		R		S5			Common Wood-sorrel	OXALIDACEAE	including <i>O. acetosella</i>
C		<i>Oxalis stricta</i>	C	X	X	X	X		C	C	C	C	C	S5			Yellow Wood-sorrel	OXALIDACEAE	including <i>O. europaea</i>
C		<i>Acalypha rhomboidea</i>	C	X	X	C	C	X	C	X	X	C	R	S5			Common Three-seeded Mercury	EUPHORBIACEAE	sometimes included in <i>A. virginica</i>
IH		<i>Croton capitatus</i>												SEH			Woolly Croton	EUPHORBIACEAE	
H		<i>Euphorbia commutata</i>				H								S1			Tinted Woodland Spurge	EUPHORBIACEAE	
U	cz	<i>Euphorbia corollata</i>	R	R	X	U		X	C	U				S4			Flowering Spurge	EUPHORBIACEAE	
IU		<i>Euphorbia cyparissias</i>	IR	IX	IX	IX	IX	IX	IU	IX	IU	IX	IR	SE5			Cypress Spurge	EUPHORBIACEAE	
IU		<i>Euphorbia davidii</i>	IU	IX	IX	IX	IX	IX	IU	IX	IR	IX	IX	SE4			David's Spurge	EUPHORBIACEAE	most CZ records of <i>E. dentata</i> belong here
IR		<i>Euphorbia dentata</i>	IR											SE1			Toothed Spurge	EUPHORBIACEAE	
IR		<i>Euphorbia epithymoides</i>											IR	SE1			Cushion Spurge	EUPHORBIACEAE	
IH		<i>Euphorbia exigua</i>				IH								SE1			Dwarf Spurge	EUPHORBIACEAE	
IC		<i>Euphorbia glyptosperma</i>	IR		IX	IX	IX	IX	IC		IR	IX	IX	SE5			Ridge-seed Spurge	EUPHORBIACEAE	
IR		<i>Euphorbia helioscopia</i>	IH		IH	IR			IR		IR	IR	IX	SE3			Summer Spurge	EUPHORBIACEAE	
IH		<i>Euphorbia heterophylla</i>					IH							SEH			Mexican Fireplant	EUPHORBIACEAE	

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IC		<i>Euphorbia maculata</i>	IC	IX	IX	IX	IX	IX	IC	IX	IU	IX	IX	SE5			Spotted Spurge	EUPHORBIACEAE	
IR		<i>Euphorbia marginata</i>	IR		IX	IR		IX	IR			IR	IR	SE2			Snow-on-the-mountain	EUPHORBIACEAE	
C	cz	<i>Euphorbia nutans</i>	C	R	X	R	R		C	X	R	U	X	S4			Nodding Spurge	EUPHORBIACEAE	some records likely introduced
IR		<i>Euphorbia peplus</i>			IX	IR	IR		IR		IR	IX	IX	SE4			Petty Spurge	EUPHORBIACEAE	
IR		<i>Euphorbia platyphyllos</i>	IU	IX	IX		IR	IX	IR		IR	IR	IX	SE4?			Broad-leaved Spurge	EUPHORBIACEAE	
R	cz	<i>Euphorbia polygonifolia</i>	R	R	R		R		U		R	R	R	S4			Seaside Spurge	EUPHORBIACEAE	
IR		<i>Euphorbia serpens</i>	IR	IH										SE1			Matted Spurge	EUPHORBIACEAE	
IR		<i>Euphorbia serpillifolia</i>				IR	IR						IH	S2?			Thyme-leaved Spurge	EUPHORBIACEAE	introduced in the CZ
R	CZ	<i>Euphorbia spathulata</i>	R											S1			Blunt-leaved Spurge	EUPHORBIACEAE	including <i>E. obtusata</i>
R		<i>Euphorbia vermiculata</i>	R		X	X	X		U		R	R	X	S5			Wormseed Spurge	EUPHORBIACEAE	some records likely introduced
IU		<i>Euphorbia virgata</i>	IU		IX	IX	IX	IX	IU	IX	IR	IX	IU	SE5?			Russian Leafy Spurge	EUPHORBIACEAE	most or all CZ records of <i>E. esula</i> belong here
hyb		<i>Euphorbia x pseudoesula</i>											hyb	hyb			(<i>Euphorbia cyparissias</i> X <i>Euphorbia esula</i>)	EUPHORBIACEAE	
IR		<i>Mercurialis annua</i>		IH									IR	SE1			Annual Mercury	EUPHORBIACEAE	
IR		<i>Ricinus communis</i>											IR	SE1			Castor-bean	EUPHORBIACEAE	
IU		<i>Populus alba</i>	IR	IX	IX	IX	IR	IX	IC	IX	IU	IX	IU	SE5			White Poplar	SALICACEAE	
U		<i>Populus balsamifera</i>	R	R	R	X	X	X	U	U	R	C	C	S5			Balsam Poplar	SALICACEAE	
C		<i>Populus deltoides</i>	C	X	X	X	C	X	C	C	C	C	C	S5			Eastern Cottonwood	SALICACEAE	ssp. <i>deltoides</i>
C		<i>Populus grandidentata</i>	U	X	X	X	C	X	C	U	C	C	C	S5			Large-toothed Aspen	SALICACEAE	
R	CZ	<i>Populus heterophylla</i>			R									S1			Swamp Cottonwood	SALICACEAE	
IR		<i>Populus nigra</i>	IR		IX	IX	IR				IR	IR	IR	SE3			Black Poplar	SALICACEAE	
C		<i>Populus tremuloides</i>	C	X	X	X	C	X	C	C	C	C	C	S5			Trembling Aspen	SALICACEAE	
hyb		<i>Populus x berolensis</i>						hyb					hyb	hyb			(<i>Populus laurifolia</i> X <i>Populus nigra</i> var. <i>italica</i>)	SALICACEAE	
hyb		<i>Populus x canadensis</i>			hyb	hyb	hyb		hyb		hyb	hyb	hyb	hyb			(<i>Populus deltoides</i> X <i>Populus nigra</i>)	SALICACEAE	
hyb		<i>Populus x canescens</i>			hyb								hyb	hyb			(<i>Populus alba</i> X <i>Populus tremula</i>)	SALICACEAE	
hyb		<i>Populus x heimburgeri</i>											hyb	hyb			(<i>Populus alba</i> X <i>Populus tremuloides</i>)	SALICACEAE	
hyb		<i>Populus x jackii</i>	?		?	hyb	hyb		hyb			hyb	hyb	hyb			(<i>Populus balsamifera</i> X <i>Populus deltoides</i>)	SALICACEAE	
hyb		<i>Populus x rouleiiana</i>			hyb	hyb	hyb		hyb				hyb	hyb			(<i>Populus alba</i> X <i>Populus grandidentata</i>)	SALICACEAE	
IX		<i>Salix alba</i>	IR	IX	IX	IX	IX	IX	IU		IU	IX	IC	SE4			White Willow	SALICACEAE	including var. <i>vitellina</i>
C		<i>Salix amygdaloides</i>	C	X	X	X	X	X	U	X	C	C	U	S5			Peach-leaved Willow	SALICACEAE	
IR		<i>Salix atrocinerea</i>			IR						IR			SE2			Rusty Willow	SALICACEAE	
C		<i>Salix bebbiana</i>	R	X	X	X	X	X	C	C	C	C	C	S5			Bebb's Willow	SALICACEAE	

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R		<i>Salix candida</i>	H		R	R	R		R	R	?	R	H	S5			Hoary Willow	SALICACEAE	
IR		<i>Salix caprea</i>							IR				IR	SE1			Goat Willow	SALICACEAE	
IR		<i>Salix cinerea</i>	IR			IR	IR						IR	SE1?			European Gray Willow	SALICACEAE	
R		<i>Salix cordata</i>	?		R	R	R		H		H	R	R	S4			Sand Dune Willow	SALICACEAE	
C		<i>Salix discolor</i>	C	U	X	X	X	X	C	C	C	C	C	S5			Pussy Willow	SALICACEAE	
C		<i>Salix eriocephala</i>	C	U	X	X	X	X	C	X	C	C	C	S5			Heart-leaved Willow	SALICACEAE	
IC		<i>Salix euxina</i>	IU	IX	IX	IX	IX		IC	IX	IX	IX	IC	SE			Crack Willow	SALICACEAE	all <i>S. fragilis</i> records referred to <i>S. euxina</i>
R		<i>Salix humilis</i>	R	R	R	R			U	U	R	R	R	S5			Prairie Willow	SALICACEAE	
C		<i>Salix interior</i>	C	X	X	C	C	X	C	C	C	C	C	S5			Sandbar Willow	SALICACEAE	including reports of <i>S. exigua</i>
U		<i>Salix lucida</i>	R	X	X	X	X	X	U		R	C	R	S5			Shining Willow	SALICACEAE	
IR		<i>Salix matsudana</i>	IR										IR	SE1			Corkscrew Willow	SALICACEAE	
R		<i>Salix myricoides</i>	H		H	R	?	X	R		H		H	S4			Blue-leaved Willow	SALICACEAE	
U		<i>Salix nigra</i>	U	X	R	X	X	X	U	U	C	C	U	S4			Black Willow	SALICACEAE	
R		<i>Salix pedicellaris</i>	H		R	R		X	R	R	H	R	R	S5			Bog Willow	SALICACEAE	
IR		<i>Salix pentandra</i>	IR	IX		IR	IR	IX					IR	SE2			Laurel Willow	SALICACEAE	
C		<i>Salix petiolaris</i>	R	C	R	X	X	X	C	C	U	C	C	S5			Meadow Willow	SALICACEAE	
IU		<i>Salix purpurea</i>	IR	IX	IH	IX	IX	IX	IC	IX	IU	IX	IU	SE4			Purple Willow	SALICACEAE	
R		<i>Salix pyrifolia</i>				R			R					S5			Balsam Willow	SALICACEAE	
R		<i>Salix serissima</i>		R	R	R	R	X	U		R	R	R	S5			Autumn Willow	SALICACEAE	
IR		<i>Salix triandra</i>											IR	SE1			Almond Willow	SALICACEAE	
IR		<i>Salix viminalis</i>		IR									IR	SE2			Basket Willow	SALICACEAE	
hyb		<i>Salix x fragilis</i>	hyb	hyb	hyb	hyb	hyb		hyb	hyb	hyb	hyb	hyb	hyb			(<i>Salix alba</i> X <i>Salix euxina</i>)	SALICACEAE	records of <i>S. x rubens</i> assigned here
hyb		<i>Salix x pendulina</i>											hyb	hyb			(<i>Salix babylonica</i> X <i>Salix euxina</i>)	SALICACEAE	
hyb		<i>Salix x sepulcralis</i>	hyb			hyb		hyb					hyb	hyb			(<i>Salix alba</i> X <i>Salix babylonica</i>)	SALICACEAE	
R	cz	<i>Hybanthus concolor</i>			R	R	?		R	R	R	U	R	S2			Eastern Green-violet	VIOLACEAE	
R		<i>Viola adunca</i>		R	R					R			R	S5?			Hooked Violet	VIOLACEAE	
U		<i>Viola affinis</i>	R	R	R	R	R	X	U	R	R	C	U	S4?			Le Conte's Violet	VIOLACEAE	
IX		<i>Viola arvensis</i>	IR	IX		IX	IU	IX	IC	IX	IR	IX	IX	SE4			European Field Pansy	VIOLACEAE	
R	CZ	<i>Viola bicolor</i>	R		?					?	?			S1			Field Pansy	VIOLACEAE	including <i>V. rafinesquii</i>
U		<i>Viola blanda</i>	R	R	R	X	X	X	C	U	U	U	R	S5			Sweet White Violet	VIOLACEAE	
U		<i>Viola canadensis</i>		R	R	X	X	X	U	U	U	C	R	S5			Canada Violet	VIOLACEAE	var. <i>canadensis</i>
C		<i>Viola cucullata</i>	R	R	R	X	X	X	C	C	U	C	R	S5			Marsh Blue Violet	VIOLACEAE	
C		<i>Viola labradorica</i>	C	X	X	X	X	X	C	C	U	C	R	S5			Labrador Violet	VIOLACEAE	including <i>V. conspersa</i>
R		<i>Viola lanceolata</i>											R	S4			Lance-leaved Violet	VIOLACEAE	
U		<i>Viola macloskeyi</i>		R	R	R	R	X	U	U	R	U	R	S5			Smooth White Violet	VIOLACEAE	ssp. <i>pallens</i> in CZ
R		<i>Viola nephrophylla</i>	R	R	R	R		X		R		R		S5			Northern Bog Violet	VIOLACEAE	
IR		<i>Viola odorata</i>	IR	IR	IR	IR	IR		IR		IR	IX	IR	SE2			English Violet	VIOLACEAE	
R	cz	<i>Viola palmata</i>	R	R	H	R	R		U	R	H			S2			Palmate-leaved Violet	VIOLACEAE	including <i>V. triloba</i> (<i>V. palmata</i> var. <i>dilatata</i>)
R	CZ	<i>Viola pedata</i>			H				R	R	H			S1	END	END	Bird's-foot Violet	VIOLACEAE	
R	CZ	<i>Viola pedatifida</i>								R				S1			Prairie Violet	VIOLACEAE	
C		<i>Viola pubescens</i>	C	X	X	C	C	X	C	C	C	C	C	S5			Yellow Violet	VIOLACEAE	var. <i>pubescens</i> and var. <i>scabriuscula</i> occur in CZ

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R		<i>Viola renifolia</i>			R	?	R		U	R	R	R	H	S5			Kidney-leaved White Violet	VIOLACEAE	
U		<i>Viola rostrata</i>	U	R	R	X	X	X	C	U	U	C	R	S5			Long-spurred Violet	VIOLACEAE	
H		<i>Viola rotundifolia</i>				H				?	H			SH			Round-leaved Yellow Violet	VIOLACEAE	
R		<i>Viola sagittata</i> var. <i>ovata</i>		R	R	R				R		R	R	S4			Sand Violet	VIOLACEAE	including <i>V. fimbriatula</i> ; varieties not always distinguished in lists
R	cz	<i>Viola sagittata</i> var. <i>sagittata</i>	R	R	R	X	R	X	C				R	S4			Arrow-leaved Violet	VIOLACEAE	varieties not always distinguished in lists
R		<i>Viola selkirkii</i>							R			U	R	S5			Great-spurred Violet	VIOLACEAE	
C		<i>Viola sororia</i>	C	X	X	X	C	X	C	C	C	C	U	S5			Woolly Blue Violet	VIOLACEAE	including <i>V. septentrionalis</i>
R	cz	<i>Viola striata</i>	R	R	R	U	R			R	H			S3			Striped Cream Violet	VIOLACEAE	
R	CZ	<i>Viola subsinuata</i>								R				S1?			Wood Violet	VIOLACEAE	
IR		<i>Viola tricolor</i>		IR	IX	IR		IX		IX	IR	IR	IR	SE2			<i>Johnny-jump-up</i>	VIOLACEAE	
hyb		<i>Viola x brauniae</i>				hyb								hyb			(<i>Viola rostrata</i> X <i>Viola striata</i>)	VIOLACEAE	
hyb		<i>Viola x eclipses</i>				hyb				hyb				hyb			(<i>Viola labradorica</i> X <i>Viola striata</i>)	VIOLACEAE	
H		<i>Linum medium</i> var. <i>medium</i>		H							H		H	S3?			Stiff Yellow Flax	LINACEAE	
R	CZ	<i>Linum medium</i> var. <i>texanum</i>	?		H	R	R		R					S1			Texas Stiff Yellow Flax	LINACEAE	
IR		<i>Linum perenne</i>	IR			IH			IR	IX	IR	IR	IR	SE3			Blue Flax	LINACEAE	
R		<i>Linum sulcatum</i>	R				R		R			R		S2S3			Grooved Yellow Flax	LINACEAE	
IR		<i>Linum usitatissimum</i>	IR		IX		IR		IR		IR	IR	IR	SE3			Common Flax	LINACEAE	
R	cz	<i>Linum virginianum</i>	R	R	R				R	R	R		R	S2			Woodland Flax	LINACEAE	
R		<i>Hypericum ascyron</i>		R	R	R	R	X	R	R		R	R	S3			Great St. John's-wort	HYPERICACEAE	
R		<i>Hypericum boreale</i>	R	R		R								S4?			Northern St. John's-wort	HYPERICACEAE	sometimes included in <i>H. mutilum</i>
R		<i>Hypericum canadense</i>	?		R	R	R	X	R		H			S4?			Canadian St. John's-wort	HYPERICACEAE	
H		<i>Hypericum ellipticum</i>					?				H			S5			Pale St. John's-wort	HYPERICACEAE	
R	CZ	<i>Hypericum gentianoides</i>	R											S1			False St. John's-wort	HYPERICACEAE	
IR		<i>Hypericum hirsutum</i>											IR	SE1			<i>Hairy St. John's-wort</i>	HYPERICACEAE	
R		<i>Hypericum kalmianum</i>	H	R	X				U		H			S4			Kalm St. John's-wort	HYPERICACEAE	
R		<i>Hypericum majus</i>	R	R	R	R	X	X	U	R	R	R	R	S5			Larger Canadian St. John's-wort	HYPERICACEAE	
U		<i>Hypericum mutilum</i>	R		R		R		U		U	R		S4			Slender St. John's-wort	HYPERICACEAE	
IC		<i>Hypericum perforatum</i>	IC	IX	IX	IC	IC	IX	IC	IX	IC	IC	IC	SE5			<i>Common St. John's-wort</i>	HYPERICACEAE	
R	cz	<i>Hypericum prolificum</i>	R	R	H	R							R	S2			Shrubby St. John's-wort	HYPERICACEAE	
C		<i>Hypericum punctatum</i>	C	X	R	X	U	X	C	U	C	C	R	S5			Spotted St. John's-wort	HYPERICACEAE	

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R	CZ	<i>Hypericum sphaerocarpum</i>	IR			R								S1			Round-fruited St. John's-wort	HYPERICACEAE	possibly entirely introduced in CZ
R		<i>Triadenum fraseri</i>	R	R	R	R	R	X	C	U	U	U	R	S5			Fraser's St. John's-wort	HYPERICACEAE	sometimes included in <i>Hypericum</i>
R		<i>Triadenum virginicum</i>									R			S4			Virginia St. John's-wort	HYPERICACEAE	sometimes included in <i>Hypericum</i>
IR		<i>Erodium cicutarium</i>	IR	IX	IX		IR	IX	IR	IX	IR	IR	IR	SE3			Common Storksbill	GERANIACEAE	
IH		<i>Erodium moschatum</i>				IH							IR	SE1			Musky Storksbill	GERANIACEAE	
R		<i>Geranium bicknellii</i>	R		H				R			R	H	S5			Bicknell's Geranium	GERANIACEAE	
R		<i>Geranium carolinianum</i>	R		R						H			S4			Carolina Geranium	GERANIACEAE	
IR		<i>Geranium columbinum</i>							IR					SE1			Long-stalked Geranium	GERANIACEAE	
C		<i>Geranium maculatum</i>	C	X	C	X	C	X	C	C	C	C	C	S5			Spotted Geranium	GERANIACEAE	
IR		<i>Geranium molle</i>											IR	SE1			Soft Geranium	GERANIACEAE	
IR		<i>Geranium pratense</i>											IR	SE1			Meadow Geranium	GERANIACEAE	
IR		<i>Geranium pusillum</i>	IU	IR	IX	IR	IR		IR	IR	IR	IR	IX	SE4			Small-flowered Geranium	GERANIACEAE	
C		<i>Geranium robertianum</i>	C	X	X	C	C	X	C	C	C	C	C	S5			Herb-Robert	GERANIACEAE	sometimes considered introduced
IR		<i>Geranium sanguineum</i>											IR	SE1			Bloody Geranium	GERANIACEAE	
R	CZ	<i>Ammannia robusta</i>	R											S1	END	END	Scarlet Ammannia	LYTHRACEAE	
IH		<i>Cuphea viscosissima</i>									IH	IH		SEH			Blue Waxweed	LYTHRACEAE	
R		<i>Decodon verticillatus</i>	R	R	R	R	H	X	U	R	R	R	R	S5			Hairy Swamp Loosestrife	LYTHRACEAE	
R	cz	<i>Lythrum alatum</i>	C	R	X	R	R		R			R		S3			Winged Loosestrife	LYTHRACEAE	
IR		<i>Lythrum hyssopifolia</i>	IR								IR			SE1			Hyssop-leaved Loosestrife	LYTHRACEAE	
IC		<i>Lythrum salicaria</i>	IC	IX	IX	IC	IC	IX	IC	IX	IC	IC	IC	SE5			Purple Loosestrife	LYTHRACEAE	
H		<i>Rotala ramosior</i>							H					S1	THR	END	Lowland Toothcup	LYTHRACEAE	
R		<i>Chamaenerion angustifolium</i>	H	R	R	X	R	X	U	R	R	U	R	S5			Fireweed	ONAGRACEAE	often included in <i>Epilobium</i> ; CZ records likely entirely ssp. <i>circumvagum</i>
C		<i>Circaea alpina</i>	?	R	R	X	X	X	C	U	R	C	R	S5			Small Enchanter's Nightshade	ONAGRACEAE	
C		<i>Circaea canadensis</i>	C	X	X	X	C		C	C	C	C	C	S5			Broad-leaved Enchanter's Nightshade	ONAGRACEAE	formerly <i>C. lutentiana</i> , <i>C. quadrisulcata</i>
hyb		<i>Circaea x sterilis</i>				hyb			hyb					hyb			(<i>Circaea alpina</i> ssp. <i>alpina</i> X <i>Circaea canadensis</i> ssp. <i>canadensis</i>)	ONAGRACEAE	
C		<i>Epilobium ciliatum</i>	R	R	X	X	X	X	C	C	C	C	C	S5			Northern Willowherb	ONAGRACEAE	ssp. <i>ciliatum</i> ; CZ reports of ssp. <i>glandulosum</i> likely in error

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C		<i>Epilobium coloratum</i>	C	R	R	X	R	X	R	R	C	C	C	S5			Purple-veined Willowherb	ONAGRACEAE	
IU		<i>Epilobium hirsutum</i>	IC	IX	IX	IX	IX	IX	IU	IX	IC	IX	IC	SE5			Hairy Willowherb	ONAGRACEAE	
U		<i>Epilobium leptophyllum</i>		R	R	X	X	X	U	R	R	C	R	S5			Linear-leaved Willowherb	ONAGRACEAE	
IU		<i>Epilobium parviflorum</i>			IX	IX		IX	IU	IX	IU	IX	IR	SE4			Small-flowered Willowherb	ONAGRACEAE	
R		<i>Epilobium strictum</i>	R		R	R	R	X	R				R	S4			Downy Willowherb	ONAGRACEAE	
R	CZ	<i>Ludwigia alternifolia</i>	R	?	H		R							S1			Bushy Seedbox	ONAGRACEAE	
C		<i>Ludwigia palustris</i>	U	R	X	X	X	X	C	R	C	C	R	S5			Marsh Seedbox	ONAGRACEAE	
R	CZ	<i>Ludwigia polycarpa</i>	U	R	R		R		R		R			S2			Many-fruited Seedbox	ONAGRACEAE	
C		<i>Oenothera biennis</i>	C	X	X	X	X		R	X	C	C	U	S5			Common Evening Primrose	ONAGRACEAE	easily confused with <i>O. parviflora</i>
R	CZ	<i>Oenothera clelandii</i>				R	R						R	S1			Cleland's Evening Primrose	ONAGRACEAE	
IR		<i>Oenothera filiformis</i>	IR				IR					IR		SE1			Long-flowered Gaura	ONAGRACEAE	formerly <i>Gaura longiflora</i>
H	CZ	<i>Oenothera fruticosa</i>									H			SX			Narrow-leaved Evening Primrose	ONAGRACEAE	
R	cz	<i>Oenothera gaura</i>	U				R	R	R	R	R		H	S3			Biennial Gaura	ONAGRACEAE	formerly <i>Gaura biennis</i>
IR		<i>Oenothera glazioviana</i>				IH		IR				IR	IR	SE1			Red-sepaled Evening Primrose	ONAGRACEAE	
IR		<i>Oenothera laciniata</i>	IR			IR	IH		IR					SE1			Cut-leaved Evening Primrose	ONAGRACEAE	
IR		<i>Oenothera nutans</i>				IH								SU			Nodding Evening Primrose	ONAGRACEAE	
R		<i>Oenothera oakesiana</i>	R	R	R	H	U	X	R		H	R	R	S5			Oakes' Evening Primrose	ONAGRACEAE	some populations introduced
C		<i>Oenothera parviflora</i>	X	R	R	X	X	X	C	C	X	C	R	S5			Small-flowered Evening Primrose	ONAGRACEAE	easily confused with <i>O. biennis</i>
U		<i>Oenothera perennis</i>	R	R		R	R	X	U	X	U	C	R	S5			Perennial Evening Primrose	ONAGRACEAE	
R	cz	<i>Oenothera pilosella</i>	R	R	R	R	R		IR	R	R	R	IR	S2			Meadow Evening Primrose	ONAGRACEAE	some populations introduced
IH		<i>Oenothera serrulata</i>			IH									SEH			Yellow Evening Primrose	ONAGRACEAE	
R	cz	<i>Oenothera villosa</i>	H				R		H			H	R	S2?			Hairy Evening Primrose	ONAGRACEAE	ssp. <i>villosa</i>
C		<i>Staphylea trifolia</i>	C	X	X	X	X	X	C	U	U	C	R	S4			American Bladdernut	STAPHYLEACEAE	
IR		<i>Cotinus coggygria</i>	IR									IR	IR	SE1			European Smoketree	ANACARDIACEAE	
R		<i>Rhus aromatica</i>	R	R	R	R			R	R	R	R	R	S4			Fragrant Sumac	ANACARDIACEAE	
R	cz	<i>Rhus copallinum</i>	R			R	R		C					S4			Winged Sumac	ANACARDIACEAE	
R		<i>Rhus glabra</i>	U	R	X	R	R		R	C	H		R	S5			Smooth Sumac	ANACARDIACEAE	
C		<i>Rhus typhina</i>	C	X	X	C	C	X	C	C	C	C	C	S5			Staghorn Sumac	ANACARDIACEAE	
hyb		<i>Rhus x borealis</i>	hyb			hyb			hyb	hyb				hyb			(<i>Rhus glabra</i> X <i>Rhus typhina</i>)	ANACARDIACEAE	

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C		<i>Toxicodendron radicans</i> var. <i>radicans</i>	C	X	C	C	X		C	C	C	C	C	S5			Eastern Poison Ivy	ANACARDIACEAE	formerly included in Rhus; including T. negundo; some confusion with var. rydbergii and often reported at the species level
C		<i>Toxicodendron radicans</i> var. <i>rydbergii</i>	C	X	X	X	X	X	C	X	C	C	C	S5			Western Poison Ivy	ANACARDIACEAE	formerly included in Rhus; some confusion with var. radicans and often reported at the species level
R	cz	<i>Toxicodendron vernix</i>	R	R	R	R	R	X	C	R	R	R	R	S4			Poison Sumac	ANACARDIACEAE	formerly included in Rhus
IR		<i>Acer campestre</i>							IR		IR	IR	IR	SE1			Hedge Maple	SAPINDACEAE	
C		<i>Acer negundo</i>	C	X	X	C	C	X	C	C	X	C	IC	S5			Manitoba Maple	SAPINDACEAE	some records introduced
C		<i>Acer nigrum</i>	U	X	X	C	C	X	U	U	X	C	C	S4?			Black Maple	SAPINDACEAE	sometimes included in A. saccharum
IU		<i>Acer platanoides</i>	IU	IX	IX	IU	IR		IU	IX	IX	IX	IC	SE5			Norway Maple	SAPINDACEAE	
IR		<i>Acer pseudoplatanus</i>							IR	IX	IX	IR	IR	SE1			Sycamore Maple	SAPINDACEAE	
C		<i>Acer rubrum</i>	C	X	X	C	C	X	C	C	X	C	C	S5			Red Maple	SAPINDACEAE	
C		<i>Acer saccharinum</i>	C	X	X	C	C	X	C	C	X	C	X	S5			Silver Maple	SAPINDACEAE	frequently planted
C		<i>Acer saccharum</i>	C	X	X	C	C	X	C	C	X	C	C	S5			Sugar Maple	SAPINDACEAE	
U		<i>Acer spicatum</i>	H	R	R	R	R	X	U	U	X	C	U	S5			Mountain Maple	SAPINDACEAE	
IR		<i>Acer tataricum</i>							IR			IR	IR	SE1			Tatarian Maple	SAPINDACEAE	ssp. ginala, sometimes called A. ginala
hyb		<i>Acer x freemanii</i>	hyb		hyb	hyb			hyb	hyb	hyb	hyb	hyb	hyb			(Acer rubrum X Acer saccharinum)	SAPINDACEAE	
R	CZ	<i>Aesculus glabra</i>	IR		R			IR	IR	IR	IR	IR	IR	S1			Ohio Buckeye	SAPINDACEAE	
IR		<i>Aesculus hippocastanum</i>	IR		IX	IR		IX		IX	IU	IR	IU	SE2			Horse Chestnut	SAPINDACEAE	
IR		<i>Aesculus pavia</i>										IR		SE1			Red Buckeye	SAPINDACEAE	
IR		<i>Phellodendron amurense</i>										IR	IR	SE1			Amur Corktree	RUTACEAE	
R	CZ	<i>Ptelea trifoliata</i>	U	R	R	IR	R		R	R	R	IR	?	S3	SC	THR	Common Hop-tree	RUTACEAE	
IH		<i>Ruta graveolens</i>							IH					SE1			Common Rue	RUTACEAE	
C		<i>Zanthoxylum americanum</i>	C	X	C	C	C	X	C	C	C	C	R	S5			Common Prickly-ash	RUTACEAE	
IR		<i>Ailanthus altissima</i>	IR	IX	IX	IR	IR		IR		IR	IC	IR	SE5			Tree-of-heaven	SIMAROUBACEAE	
IC		<i>Abutilon theophrasti</i>	IC	IX	IX	IC	IC	IX	IU	IX	IX	IX	IR	SE5			Velvetleaf	MALVACEAE	
IR		<i>Alcea pallida</i>	IR											SE1			Eastern Hollyhock	MALVACEAE	
IR		<i>Alcea rosea</i>	IR			IR	IR		IR		IR	IX	IX	SE4			Hollyhock	MALVACEAE	
IH		<i>Althaea hirsuta</i>											IH	SEH			Hairy Marsh-mallow	MALVACEAE	
IR		<i>Althaea officinalis</i>											IR	SE1			Common Marsh-mallow	MALVACEAE	
IH		<i>Anoda cristata</i>	IH											SEH			Crested Anoda	MALVACEAE	
H	CZ	<i>Hibiscus laevis</i>	H											SX			Halberd-leaved Rose-mallow	MALVACEAE	
R	cz	<i>Hibiscus moscheutos</i>	C	X	R		R		R		R	IR	IR	S3	SC	SC	Swamp Rose-mallow	MALVACEAE	
IR		<i>Hibiscus trionum</i>	IU		IX		IR		IR				IX	IR			Flower-of-an-hour	MALVACEAE	
IR		<i>Malva alcea</i>								IX			IR	SE1			Vervain Cheeseweed	MALVACEAE	

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IU		<i>Malva moschata</i>		IR	IX	IX	IX	IX	IU	IX	IR	IX	IR	SE5			Musk Cheeseweed	MALVACEAE	
IC		<i>Malva neglecta</i>	IR	IX	IX	IX	IC	IX	IC	IX	IU	IC	IR	SE5			Dwarf Cheeseweed	MALVACEAE	
IR		<i>Malva pusilla</i>			IH	IR		IX					IR	SE2			Running Cheeseweed	MALVACEAE	
IR		<i>Malva sylvestris</i>			IH						IH		IR	SE1			High Cheeseweed	MALVACEAE	
IR		<i>Malva verticillata</i>									IH		IR	SE1			Curled Cheeseweed	MALVACEAE	
R	CZ	<i>Sida hermaphrodita</i>							R		R			S1	END	END	Virginia Mallow	MALVACEAE	
IR		<i>Sida spinosa</i>	IR		IR				IR					SE2			Prickly Mallow	MALVACEAE	
C		<i>Tilia americana</i>	C	X	C	C	C	X	C	C	C	C	C	S5			American Basswood	MALVACEAE	including T. heterophylla
IR		<i>Tilia cordata</i>							IR			IR	IR	SE1			Little-leaf Linden	MALVACEAE	
hyb		<i>Tilia x vulgaris</i>				hyb								hyb			(<i>Tilia cordata</i> X <i>Tilia platyphyllos</i>)	MALVACEAE	
IR		<i>Daphne mezereum</i>					IR	IR	IR		IR		IR	SE2			February Daphne	THYMELAEACEAE	
U		<i>Dirca palustris</i>	R		R	X	X	X	U	U	R	U	R	S4			Eastern Leatherwood	THYMELAEACEAE	
IR		<i>Thymelaea passerina</i>			IR	IR					IR			SE1			Sparrow Weed	THYMELAEACEAE	
R	cz	<i>Crocanthemum bicknellii</i>	R	R	R	R			U				R	S3			Plains Frostweed	CISTACEAE	formerly <i>Helianthemum bicknellii</i>
R	cz	<i>Crocanthemum canadense</i>	R	R	R	R	?		U	R	H	H	R	S3			Long-branched Frostweed	CISTACEAE	formerly <i>Helianthemum canadense</i>
H		<i>Hudsonia tomentosa</i>									H			S3			Woolly Beach-heath	CISTACEAE	
R		<i>Lechea intermedia</i>	?		R		R		U	U	R	R	R	S4			Large-pod Pinweed	CISTACEAE	
H	CZ	<i>Lechea minor</i>	H											SX			Thyme-leaved Pinweed	CISTACEAE	
R	CZ	<i>Lechea mucronata</i>	R	R	R	R	R		C	R				S3			Hairy Pinweed	CISTACEAE	formerly <i>L. villosa</i>
R	CZ	<i>Lechea pulchella</i>	R		R									S1			Leggett's Pinweed	CISTACEAE	
U	cz	<i>Floerkea proserpinacoides</i>	C	X	R	X	X		U	R	R	U	R	S4			False Mermaid	LIMNANTHACEAE	
IH		<i>Reseda alba</i>									IH			SEH			White Upright Mignonette	RESEDACEAE	
IR		<i>Reseda lutea</i>					IR		IH					SE1			Yellow Upright Mignonette	RESEDACEAE	
U	cz	<i>Polanisia dodecandra</i>	U	R	H		R	X	U	X	U	R	H	S4			Common Clammyweed	CLEOMACEAE	ssp. dodecandra
IR		<i>Tarenaya hassleriana</i>				IR					IR	IH	IR	SE1			Pink-queen	CLEOMACEAE	formerly <i>Cleome hassleriana</i>
IC		<i>Alliaria petiolata</i>	IC	IX	IX	IC	IC	IX	IC	IX	IC	IC	IC	SE5			Garlic Mustard	BRASSICACEAE	
IU		<i>Alyssum alyssoides</i>	IR	IR	IX	IU	IR	IX	IU	IX	IR	IX	IX	SE5			Pale Alyssum	BRASSICACEAE	
IR		<i>Alyssum murale</i>		IR	IR									SE1			Yellow-tuft	BRASSICACEAE	
R		<i>Arabidopsis lyrata</i>	R	R	X	R			U		R			S4			Lyre-leaved Rockcress	BRASSICACEAE	ssp. lyrata
IR		<i>Arabidopsis thaliana</i>	IR		IX		IR	IR	IU		IR	IX	IX	SE5			Mouse-ear Cress	BRASSICACEAE	
IR		<i>Arabis caucasica</i>									IR	IR		SE2			Wall Rockcress	BRASSICACEAE	
R	cz	<i>Arabis pycnocarpa</i> var. <i>adpressipilis</i>	R	H							H	R		S1			Soft-haired Rockcress	BRASSICACEAE	formerly called <i>Arabis hirsuta</i> var. <i>adpressipilis</i>
R		<i>Arabis pycnocarpa</i> var. <i>pycnocarpa</i>	R	R	R	R	R	X	R	R	R	R	R	S5			Cream-flowered Rockcress	BRASSICACEAE	formerly called <i>Arabis hirsuta</i> var. <i>pycnocarpa</i>
IR		<i>Armoracia rusticana</i>	IR	IR	IX	IR			IU		IR		IX	SE4			Horseradish	BRASSICACEAE	
IC		<i>Barbarea vulgaris</i>	IC	IX	IX	IC	IC	IX	IC	IX	IC	IX	IC	SE5			Bitter Wintercress	BRASSICACEAE	

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IX		<i>Berteroa incana</i>	IU	IX	IX	IX	IX		IC	IX	IR	IX	IR	SE5			Hoary False-alyssum	BRASSICACEAE	
R		<i>Boechea grahamii</i>			R	R					R	R	H	S5			Graham's Rockcress	BRASSICACEAE	formerly <i>Arabis divaricarpa</i>
R		<i>Boechea stricta</i>	R		R				R		R			S4			Drummond's Rockcress	BRASSICACEAE	formerly <i>Arabis drummondii</i>
R	cz	<i>Borodinia canadensis</i>	R	R	R	R	R		R	R	R	U	R	S4?			Sicklepod Rockcress	BRASSICACEAE	formerly <i>Arabis canadensis</i>
R	CZ	<i>Borodinia dentata</i>	R											S1			Toothed Rockcress	BRASSICACEAE	formerly <i>Arabis shortii</i> and <i>A. perstellata</i> var. <i>shortii</i>
U	cz	<i>Borodinia laevigata</i>	U	R	R	R	U		C	X	U	U	R	S4			Smooth Rockcress	BRASSICACEAE	formerly <i>Arabis laevigata</i>
IX		<i>Brassica juncea</i>	IR		IX	IX	IX			IX	IH	IX	IX	SE5			Chinese Mustard	BRASSICACEAE	
IR		<i>Brassica napus</i>	IR								IR	IX	IR	SE1			Rapeseed	BRASSICACEAE	
IR		<i>Brassica nigra</i>	IH	IX	IX	IX			IU	IX	IR	IR	IR	SE5			Black Mustard	BRASSICACEAE	
IR		<i>Brassica oleracea</i>											IR	SE1			Cabbage	BRASSICACEAE	
IR		<i>Brassica rapa</i>	IU		IX	IX					IR	IR	IR	SE5			Field Mustard	BRASSICACEAE	including <i>B. campestris</i>
U		<i>Cakile edentula</i>	U	R	X		U		U		R	R	R	S4			American Sea Rocket	BRASSICACEAE	var. <i>lacustris</i> in CZ
IU		<i>Camelina microcarpa</i>	IU	IX	IX	IX	IX	IX	IR	IX	IR	IX	IX	SE5			Small-seeded False-flax	BRASSICACEAE	
IR		<i>Camelina sativa</i>			IH		IR				IR	IR	IR	SE2			Large-seeded False-flax	BRASSICACEAE	
IC		<i>Capsella bursa-pastoris</i>	IC	IX	IX	IC	IC	IX	IC	IX	IC	IX	IX	SE5			Common Shepherd's Purse	BRASSICACEAE	
C	cz	<i>Cardamine bulbosa</i>	C	X	X	X	R	X	U	R	R	C	R	S4			Bulbous Bittercress	BRASSICACEAE	
C		<i>Cardamine concatenata</i>	R	X	X	X	C	X	U	U	U	C	U	S5			Cut-leaved Toothwort	BRASSICACEAE	formerly <i>Dentaria laciniata</i>
R		<i>Cardamine dentata</i>								R		R	H	S5			Toothed Bittercress	BRASSICACEAE	including <i>C. pratensis</i> var. <i>palustris</i> ; some possible confusion with the introduced <i>C. pratensis</i> ; including CZ reports of <i>C. pratensis</i> ssp. <i>angustifolia</i>
C		<i>Cardamine diphylla</i>	R	X	R	X	C	X	C	U	U	C	U	S5			Two-leaved Toothwort	BRASSICACEAE	formerly <i>Dentaria diphylla</i>
C	cz	<i>Cardamine douglassii</i>	C	X	X	X	X	X	U	R	R	C	R	S4			Limestone Bittercress	BRASSICACEAE	
IR		<i>Cardamine flexuosa</i>		IR					IR					SE1			Wavy Bittercress	BRASSICACEAE	
IU		<i>Cardamine hirsuta</i>	IR	IX	IX	IR	IR	IR	IR	IR	IU	IX	IX	SE4			Hairy Bittercress	BRASSICACEAE	
IR		<i>Cardamine impatiens</i>										IR	IR	SE1			Narrow-leaved Bittercress	BRASSICACEAE	
R		<i>Cardamine maxima</i>			R	R	R			R	R	U	R	S3			Large Toothwort	BRASSICACEAE	sometimes considered a hybrid; formerly included in <i>Dentaria</i>
R		<i>Cardamine parviflora</i>	R											S4			Small-flowered Bittercress	BRASSICACEAE	
C		<i>Cardamine pensylvanica</i>	C	R	X	X	X	X	U		U	C	R	S5			Pennsylvania Bittercress	BRASSICACEAE	
IR		<i>Cardamine pratensis</i>		IR	IR				IR	IR	IR			SE1			Meadow Bittercress	BRASSICACEAE	some possible confusion with the native <i>C. dentata</i> (or <i>C. pratensis</i> var. <i>palustris</i>)
IR		<i>Conringia orientalis</i>			IH	IR		IH	IR		IH		IR	SE2			Hare's-ear Mustard	BRASSICACEAE	

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R		<i>Descurainia pinnata</i>	R				R		R			R	IR	S4			Pinnate Tansy Mustard	BRASSICACEAE	some CZ populations possibly introduced
IX		<i>Descurainia sophia</i>		IX	IX	IR	IR	IX	IU	IX	IR	IX	IR	SE5			Flixweed	BRASSICACEAE	
IR		<i>Diplotaxis muralis</i>	IR	IX	IX	IR	IR				IR	IX	IX	SE1			Stinking Wallrocket	BRASSICACEAE	
IC		<i>Diplotaxis tenuifolia</i>	IC	IX	IX	IX	IU		IR	IX	IU	IX	IX	SE5			Slim-leaved Wallrocket	BRASSICACEAE	
IH		<i>Draba nemorosa</i>					IH							S4			Woodland Draba	BRASSICACEAE	presumably introduced in CZ
IU		<i>Draba verna</i>	IR	IX	IX	IX	IX	IX	IU	IX	IC	IX	IX	SE5			Spring Draba	BRASSICACEAE	sometimes called <i>Erophila verna</i>
IR		<i>Eruca vesicaria</i>			IH			IH				IR		SE1			Garden Rocket	BRASSICACEAE	including <i>E. sativa</i>
IX		<i>Erucastrum gallicum</i>	IU		IX	IX	IX		IC		IR	IX	IR	SE5			Common Dogmustard	BRASSICACEAE	
IR		<i>Erysimum asperum</i>	IR		IR									SE1			Prairie Rocket	BRASSICACEAE	
IC		<i>Erysimum cheiranthoides</i>	IC	IX	IX	IX	IX	IX	IC	IX	IU	IX	IU	SE5			Wormseed Wallflower	BRASSICACEAE	
IR		<i>Erysimum inconspicuum</i>			IX		IH						IR	S4			Small-flowered Wallflower	BRASSICACEAE	presumably introduced in CZ
IR		<i>Erysimum repandum</i>	IR	IX	IH	IR						IR		SE2			Spreading Wallflower	BRASSICACEAE	
IC		<i>Hesperis matronalis</i>	IU	IX	IX	IX	IC	IX	IC	IX	IX	IC	IC	SE5			Dame's Rocket	BRASSICACEAE	
IR		<i>Iberis umbellata</i>							IR				IR	SE1			Globe Candytuft	BRASSICACEAE	
IR		<i>Isatis tinctoria</i>											IR	SE1			Dyer's Woad	BRASSICACEAE	
IC		<i>Lepidium campestre</i>	IC	IX	IX	IX	IX	IX	IC	IX	IC	IX	IC	SE5			Field Peppergrass	BRASSICACEAE	
IR		<i>Lepidium chalepense</i>							IH				IR	SE1			Lens-pod Hoarycress	BRASSICACEAE	formerly <i>Cardaria chalepensis</i>
IR		<i>Lepidium coronopus</i>	IR										IR	SE1			Greater Swinecress	BRASSICACEAE	formerly <i>Coronopus procumbens</i>
IX		<i>Lepidium densiflorum</i>								IX	IR	IX	IR	SE5			Dense-flowered Peppergrass	BRASSICACEAE	
IR		<i>Lepidium didymum</i>	IR									IR		SE1			Wartcress	BRASSICACEAE	formerly <i>Coronopus didymus</i>
IR		<i>Lepidium draba</i>	IR		IR		IR			IX	IR			SE2			Heart-pod Hoarycress	BRASSICACEAE	formerly <i>Cardaria draba</i>
IR		<i>Lepidium perfoliatum</i>	IR										IR	SE1			Clasping-leaved Peppergrass	BRASSICACEAE	
IR		<i>Lepidium ruderae</i>	IR	IX			IR		IR		IR	IX	IX	SE3			Roadside Peppergrass	BRASSICACEAE	
IR		<i>Lepidium sativum</i>			IH								IR	SE2			Garden Peppergrass	BRASSICACEAE	
U		<i>Lepidium virginicum</i>	C	X	X	R	X	X	U	X	R	U	R	S5			Poor-man's Peppergrass	BRASSICACEAE	
IR		<i>Lobularia maritima</i>	IR		IR		IR	IX			IR	IR	IR	SE2			Sweet Alyssum	BRASSICACEAE	
IR		<i>Lunaria annua</i>	IR		IX		IR		IR		IR	IR	IR	SE2			Annual Honesty	BRASSICACEAE	
IH		<i>Malcolmia maritima</i>									IH			SEH			Virginia Stock	BRASSICACEAE	
IH		<i>Matthiola longipetala</i>			IH									SEH			Night-scented Stock	BRASSICACEAE	
IH		<i>Microthlaspi perfoliatum</i>											IH	SE1			Perfoliate Penny-cress	BRASSICACEAE	formerly <i>Thlaspi perfoliatum</i>
IX		<i>Nasturtium microphyllum</i>			IX	IX			IU	IX	IU	IX	IU	SE5			Small-leaved Watercress	BRASSICACEAE	confusion between the <i>Nasturtium</i> species
IX		<i>Nasturtium officinale</i>	IR	IX	?	IX	IX	IX					?	SE			Watercress	BRASSICACEAE	confusion between the <i>Nasturtium</i> species
IR		<i>Neslia paniculata</i>			IR			IX					IR	SE3			Common Ball-mustard	BRASSICACEAE	
IR		<i>Raphanus raphanistrum</i>			IX		IR		IR		IR		IR	SE3			Wild Radish	BRASSICACEAE	
IR		<i>Raphanus sativus</i>									IH		IR	SE1			Garden Radish	BRASSICACEAE	

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R		<i>Rorippa aquatica</i>				R					H		H	S3?			Lakecress	BRASSICACEAE	formerly <i>Armoracia aquatica</i> , <i>Neobeckia aquatica</i>
C		<i>Rorippa palustris</i>	C	X	X	X	X	X	X		U	C	U	S5			Hispid Marsh Yellowcress	BRASSICACEAE	ssp. <i>hispida</i> and ssp. <i>palustris</i> (including ssp. <i>fernaldiana</i>) occur in the CZ; ssp. <i>hispida</i> is more common
IH		<i>Rorippa sinuata</i>				IH	IH							SEH			Spreading Yellowcress	BRASSICACEAE	
IX		<i>Rorippa sylvestris</i>	IU	IX	IX	IX	IX		IR	IX	IR	IX	IR	SE5			Creeping Yellowcress	BRASSICACEAE	
IR		<i>Sinapis alba</i>			?						IR	IR		SE2			White Mustard	BRASSICACEAE	
IX		<i>Sinapis arvensis</i>	IR	IX	IX	IX	IX		IC	IX	IR	IX	IR	SE5			Corn Mustard	BRASSICACEAE	
IX		<i>Sisymbrium altissimum</i>	IU	IX	IX	IX	IX	IX	IC		IR	IX	IR	SE5			Tall Tumble Mustard	BRASSICACEAE	
IR		<i>Sisymbrium loeselii</i>			IR		IR		IR		IR	IR	IR	SE2			Loesel's Tumble Mustard	BRASSICACEAE	
IX		<i>Sisymbrium officinale</i>	IU	IX	IX	IX	IX	IX	IC		IR	IX	IX	SE5			Common Tumble Mustard	BRASSICACEAE	
IC		<i>Thlaspi arvense</i>	IC	IX	IX	IC	IC	IX	IU	IX	IC	IC	IR	SE5			Field Penny-cress	BRASSICACEAE	
R	cz	<i>Tomostima reptans</i>	R	R	R	H				R	H			S2S3			Creeping Draba	BRASSICACEAE	formerly <i>Draba reptans</i>
R		<i>Turritis glabra</i>	R		R	R	R		U	R	R	R	R	S5			Tower-mustard	BRASSICACEAE	formerly included in <i>Arabis</i>
U		<i>Comandra umbellata</i>	C	R	X	U	U		U	U	U	C	R	S5			Bastard Toadflax	SANTALACEAE	
IR		<i>Limonium platyphyllum</i>									IR			SE1			Sea Lavender	PLUMBAGINACEAE	
IR		<i>Fagopyrum esculentum</i>	IR			IR			IR	IX	IH	IR	IX	SE3			Buckwheat	POLYGONACEAE	
R		<i>Fallopia cilioidis</i>	?		H				H		R	R	R	S5			Fringed Black Bindweed	POLYGONACEAE	formerly included in <i>Polygonum</i>
IC		<i>Fallopia convolvulus</i>	IC	IX	IX	IX	IX	IX	IC	IX	IU	IX	IX	SE5			Black Bindweed	POLYGONACEAE	formerly included in <i>Polygonum</i>
IH		<i>Fallopia dumetorum</i>									IH			SEH			Hedge Bindweed	POLYGONACEAE	formerly included in <i>Polygonum</i>
U		<i>Fallopia scandens</i>	C	X	R	X	X		U	X	U	R	R	S4S5			Climbing False-buckwheat	POLYGONACEAE	formerly included in <i>Polygonum</i>
C		<i>Persicaria amphibia</i>	U	R	R	X	X	X	C	X	U	C	R	S5?			Water Smartweed	POLYGONACEAE	formerly included in <i>Polygonum</i> ; both var. <i>emorsa</i> and var. <i>stipulacea</i> occur in the CZ
R		<i>Persicaria arifolia</i>	R	R					R		U	R		S3			Halberd-leaved Smartweed	POLYGONACEAE	formerly included in <i>Polygonum</i>
R		<i>Persicaria careyi</i>							R		?			S4			Carey's Smartweed	POLYGONACEAE	formerly included in <i>Polygonum</i>
IC		<i>Persicaria hydropiper</i>	IC	IX	IX	IX	IX	IX	IC	IX	IC	IX	IC	SE5			Marshpepper Smartweed	POLYGONACEAE	formerly included in <i>Polygonum</i>
U		<i>Persicaria hydropiperoides</i>	R	R	X	X	X	X	U	X	R	C	R	S5			False Waterpepper	POLYGONACEAE	formerly included in <i>Polygonum</i>
C		<i>Persicaria lapathifolia</i>	C	X	X	X	C	X	C	C	C	C	C	S5			Pale Smartweed	POLYGONACEAE	formerly included in <i>Polygonum</i> ; including <i>Polygonum scabrum</i>

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IR		<i>Persicaria longisetata</i>											IR	SE1			Long-bristled Smartweed	POLYGONACEAE	formerly included in Polygonum; including Polygonum caespitosum var. longisetum
IC		<i>Persicaria maculosa</i>	IC	IX	IX	IX	IC	IX	IC	IX	IC	IC	IC	SE5			Spotted Lady's-thumb	POLYGONACEAE	formerly included in Polygonum; including Polygonum persicaria
IR		<i>Persicaria orientalis</i>	IR		IX	IR	IR	IX	IR		IH		IX	SE3			Oriental Smartweed	POLYGONACEAE	formerly included in Polygonum
C		<i>Persicaria pensylvanica</i>	C	X	X	X	U		U	X	C	C	R	S5			Pennsylvania Smartweed	POLYGONACEAE	formerly included in Polygonum
C		<i>Persicaria punctata</i>	C	X	X	X	U	X	U		C	C	R	S5			Dotted Smartweed	POLYGONACEAE	formerly included in Polygonum
U		<i>Persicaria sagittata</i>	R	R	R	R	R		U		C	C	R	S4S5			Arrow-leaved Smartweed	POLYGONACEAE	formerly included in Polygonum
C	cz	<i>Persicaria virginiana</i>	C	X	C	X	R		C	X	C	C	R	S4			Virginia Smartweed	POLYGONACEAE	formerly included in Polygonum
R		<i>Polygonum achoreum</i>	R	R	X	R	R	X	U	X	R	R	R	S5			Leathery Knotweed	POLYGONACEAE	weedy; some or all populations likely introduced
H		<i>Polygonum articulatum</i>			H									S4			Coast Jointweed	POLYGONACEAE	formerly included in Polygonella
IC		<i>Polygonum aviculare</i> ssp. <i>aviculare</i>	IC	IX	IX	IC	IC	IX	IC	IX	IU	IX	IU	SE5			Prostrate Knotweed	POLYGONACEAE	subspecies of P. aviculare easily confused
R		<i>Polygonum aviculare</i> ssp. <i>buxiforme</i>	R	R	H	R	R	X			R			S4?			Small's Knotweed	POLYGONACEAE	sometimes called P. buxiforme
IC		<i>Polygonum aviculare</i> ssp. <i>depressum</i>	IU	IR	IX	IC	IC		IC		IR	IX	IX	SE5			Oval-leaved Knotweed	POLYGONACEAE	sometimes called P. arenastrum
IR		<i>Polygonum aviculare</i> ssp. <i>neglectum</i>	IH			IR	IR				IR			SE3?			Narrow-leaved Knotweed	POLYGONACEAE	sometimes called P. neglectum
H	cz	<i>Polygonum erectum</i>	H	H	?	H	H				H	H		SH			Erect Knotweed	POLYGONACEAE	
R		<i>Polygonum ramosissimum</i>	IR	IR							IR	R		S4			Bushy Knotweed	POLYGONACEAE	ssp. ramosissimum; weedy; some or all populations likely introduced
R	CZ	<i>Polygonum tenue</i>	R		R	R			R		?			S2			Slender Knotweed	POLYGONACEAE	
IX		<i>Reynoutria japonica</i>	IR	IR	IX	IU	IU	IX	IU	IX	IU	IX	IC	SE5			Japanese Knotweed	POLYGONACEAE	formerly Polygonum cuspidatum and Fallopia japonica
IR		<i>Reynoutria sachalinensis</i>									IR			SE1			Giant Knotweed	POLYGONACEAE	formerly Polygonum sachalinense and Fallopia sachalinensis
hyb		<i>Reynoutria x bohemica</i>											IR	hyb			(<i>Reynoutria japonica</i> X <i>R. sachalinensis</i>)	POLYGONACEAE	formerly Polygonum x bohemicum and Fallopia x bohemica
IR		<i>Rheum rhabarbarum</i>				IX							IR	SE2			Rhubarb	POLYGONACEAE	
IC		<i>Rumex acetosella</i>	IC	IX	IX	IC	IC	IX	IC	IX	IC	IX	IX	SE5			Sheep Sorrel	POLYGONACEAE	
R	cz	<i>Rumex altissimus</i>	R	R	H	R	R						H	S2?			Pale Dock	POLYGONACEAE	
C		<i>Rumex britannica</i>	R	X	R	X	X	X	C	X	R	C	R	S5			Water Dock	POLYGONACEAE	formerly R. orbiculatus
IC		<i>Rumex crispus</i>	IC	IX	IX	IC	IC	IX	IC	IX	IC	IX	IC	SE5			Curly Dock	POLYGONACEAE	

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IH		<i>Rumex dentatus</i>											IH	SEH			Toothed Dock	POLYGONACEAE	
R		<i>Rumex fueginus</i>	R				R						IR	S4?			American Golden Dock	POLYGONACEAE	including reports of <i>R. maritimus</i> ; some or all populations likely introduced in CZ
IR		<i>Rumex longifolius</i>				IR					IH		IR	SE1			Door-yard Dock	POLYGONACEAE	
IX		<i>Rumex obtusifolius</i>	IR	IX	IX	IX	IX	IX	IC	IX	IU	IX	IU	SE5			Bitter Dock	POLYGONACEAE	
IR		<i>Rumex occidentalis</i>									IH		IR	S5			Western Dock	POLYGONACEAE	introduced in CZ
IR		<i>Rumex patientia</i>	IR						IH		?		IX	SE1			Patience Dock	POLYGONACEAE	
IR		<i>Rumex sanguineus</i>				IR	IR							SE1			Red-veined Dock	POLYGONACEAE	including reports of <i>R. conglomeratus</i>
IR		<i>Rumex thyrsoiflorus</i>											IR	SE2?			Narrow-leaved Garden Sorrel	POLYGONACEAE	including reports of <i>R. acetosa</i>
R		<i>Rumex triangulivalvis</i>					R	IR				R	IR	S5			Triangular-valved Dock	POLYGONACEAE	at least partly introduced in CZ
U		<i>Rumex verticillatus</i>	U		X	R		X	U	X	R	C	R	S4			Swamp Dock	POLYGONACEAE	
hyb		<i>Rumex x pratensis</i>									hyb			hyb			(<i>Rumex crispus</i> X <i>Rumex obtusifolius</i>)	POLYGONACEAE	
R		<i>Drosera intermedia</i>				R								S5			Spoon-leaved Sundew	DROSERACEAE	
R		<i>Drosera rotundifolia</i>	H		R	R	R	X	U	R	R	R	H	S5			Round-leaved Sundew	DROSERACEAE	
IR		<i>Agrostemma githago</i>	IH	IR	IX	IR	IR	IX	IU	IX	IH		IX	SE3			Common Corncockle	CARYOPHYLLACEAE	
IC		<i>Arenaria serpyllifolia</i>	IU	IX	IX	IC	IC	IX	IC	IX	IU	IX	IR	SE5			Thyme-leaved Sandwort	CARYOPHYLLACEAE	
IR		<i>Atocion armeria</i>		IR	IX								IR	SE2			Sweet-William Catchfly	CARYOPHYLLACEAE	formerly <i>Silene armeria</i>
IR		<i>Cerastium arvense</i> <i>ssp. arvense</i>	?		IR	IR	IR	IX		IX			IR	SE2			Field Chickweed	CARYOPHYLLACEAE	
R		<i>Cerastium arvense</i> <i>ssp. strictum</i>											H	R			Matted Field Chickweed	CARYOPHYLLACEAE	sometimes called <i>C. strictum</i>
IC		<i>Cerastium fontanum</i>	IC	IX	IX	IC	IC	IX	IC	IX	IC	IC	IC	SE5			Common Mouse-ear Chickweed	CARYOPHYLLACEAE	
IR		<i>Cerastium glomeratum</i>	IR	IR		IR	IR		IR	IR	IR			SE2			Sticky Mouse-ear Chickweed	CARYOPHYLLACEAE	
R		<i>Cerastium nutans</i>	R		R	R			R		R	R		S4			Nodding Chickweed	CARYOPHYLLACEAE	
IR		<i>Cerastium pumilum</i>	IR	IR			IR		IR	IR	IR	IR	IR	SE2			Curtis' Mouse-ear Chickweed	CARYOPHYLLACEAE	
IU		<i>Cerastium semidecandrum</i>	IR	IX	IX	IU	IR	IX	IU	IX	IU	IX	IX	SE5			Five-stamen Mouse-ear Chickweed	CARYOPHYLLACEAE	
IR		<i>Cerastium tomentosum</i>	IR		IX								IR	SE2			Snow-in-summer	CARYOPHYLLACEAE	
R	CZ	<i>Cerastium velutinum</i>	R		R									S1S2			Large Field Chickweed	CARYOPHYLLACEAE	
IC		<i>Dianthus armeria</i>	IC	IX	IX	IX	IU		IC	IX	IC	IC	IC	SE5			Deptford Pink	CARYOPHYLLACEAE	
IR		<i>Dianthus barbatus</i>							IR		IR		IR	SE1			Sweet William	CARYOPHYLLACEAE	
IH		<i>Dianthus chinensis</i>			IH									SEH			Chinese Pink	CARYOPHYLLACEAE	
IR		<i>Dianthus deltoides</i>								IX	IH		IR	SE2			Maiden Pink	CARYOPHYLLACEAE	
IR		<i>Dianthus plumarius</i>											IR	SE1			Garden Pink	CARYOPHYLLACEAE	
IR		<i>Gypsophila muralis</i>								IR				SE1			Low Baby's-breath	CARYOPHYLLACEAE	
IR		<i>Gypsophila paniculata</i>			IX				IR				IR	SE3			Tall Baby's-breath	CARYOPHYLLACEAE	

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IR		<i>Gypsophila scorzonerifolia</i>	IR											SE1			Glandular Baby's-breath	CARYOPHYLLACEAE	
IR		<i>Holosteum umbellatum</i>	IR	IR	IR	IR	IR	IR	IR	IR	IR	IX	IX	SE3			Jagged Chickweed	CARYOPHYLLACEAE	
U		<i>Moehringia lateriflora</i>	R	R					U	R	C	U		S5			Grove Sandwort	CARYOPHYLLACEAE	formerly <i>Arenaria lateriflora</i>
IR		<i>Myosoton aquaticum</i>	IR	IR	IX	IR							IX	SE3			Giant-chickweed	CARYOPHYLLACEAE	
H	CZ	<i>Paronychia canadensis</i>	H											SH			Smooth Forked Nailwort	CARYOPHYLLACEAE	
R	CZ	<i>Paronychia fastigiata</i>							R		H			S1			Hairy Forked Nailwort	CARYOPHYLLACEAE	
IR		<i>Petrorhagia saxifraga</i>	IR	IR	IR									SE2			Saxifrage Pink	CARYOPHYLLACEAE	
R		<i>Sabulina michauxii</i>	R	R	R				U	R			R	S4S5			Michaux's Stitchwort	CARYOPHYLLACEAE	formerly <i>Minuartia michauxii</i>
IR		<i>Sagina japonica</i>											IR	SE1			Japanese Pearlwort	CARYOPHYLLACEAE	
IR		<i>Sagina procumbens</i>	IH			IR			IR		IR	IR	IX	SE4			Procumbent Pearlwort	CARYOPHYLLACEAE	
IC		<i>Saponaria officinalis</i>	IC	IX	IX	IX	IC	IX	IC	IX	IC	IC	IU	SE5			Bouncing-bet	CARYOPHYLLACEAE	
IR		<i>Scleranthus annuus</i>	IR	IX	IX	IX	IR	IX	IR	IX	IR		IX	SE5			Annual Knawel	CARYOPHYLLACEAE	
R		<i>Silene antirrhina</i>	R	X	X	R	R	X	U		R	R	R	S5			Sleepy Catchfly	CARYOPHYLLACEAE	
IR		<i>Silene chalcedonica</i>											IR	SE1			Maltese-cross Campion	CARYOPHYLLACEAE	formerly <i>Lychnis chalcedonica</i>
IR		<i>Silene coronaria</i>			IR						IR	IR	IR	SE3			Rose Campion	CARYOPHYLLACEAE	formerly <i>Lychnis coronaria</i>
IR		<i>Silene csereii</i>					IR				IR	IR	IR	SE4			Balkan Catchfly	CARYOPHYLLACEAE	
IH		<i>Silene dichotoma</i>				IH		IH						SE1			Forked Catchfly	CARYOPHYLLACEAE	
IR		<i>Silene dioica</i>									IR	IR		SE1			Red Catchfly	CARYOPHYLLACEAE	
IX		<i>Silene latifolia</i>	IU	IX	IX	IX	IX	IX	IC		IR	IX	IR	SE5			White Campion	CARYOPHYLLACEAE	
IX		<i>Silene noctiflora</i>	IR	IX	IX	IX	IX	IX	IU	IX	IR	IX	IR	SE5			Night-flowering Catchfly	CARYOPHYLLACEAE	
IC		<i>Silene vulgaris</i>	IU	IX	IX	IX	IX	IX	IC	IX	IC	IC	IR	SE5			Bladder Campion	CARYOPHYLLACEAE	including <i>S. cucubalis</i>
IR		<i>Spergularia arvensis</i>			IH		IR		IR				IX	SE5			Cornspurrey	CARYOPHYLLACEAE	
IR		<i>Spergularia media</i>	IR	IR		IR	IR	IX			IR	IR	IR	SE3			Greater Sea-spurrey	CARYOPHYLLACEAE	
IR		<i>Spergularia rubra</i>									IR	IR	IX	SE3?			Red Sand-spurrey	CARYOPHYLLACEAE	
IR		<i>Spergularia salina</i>	IR	IR		IR					IR	IR	IX	S1			Saltmarsh Sand-spurrey	CARYOPHYLLACEAE	including <i>S. marina</i>; introduced in CZ
R		<i>Stellaria borealis</i>				R								S5			Boreal Starwort	CARYOPHYLLACEAE	?
IX		<i>Stellaria graminea</i>			IX	IX	IX	IX	IU	IX	IU	IX	IR	SE5			Grass-leaved Starwort	CARYOPHYLLACEAE	
C		<i>Stellaria longifolia</i>	C	X	R	X	R	X	C	C	C	C	R	S5			Long-leaved Starwort	CARYOPHYLLACEAE	
R		<i>Stellaria longipes</i>								R	H	R		S5			Long-stalked Starwort	CARYOPHYLLACEAE	
IC		<i>Stellaria media</i>	IC	IX	IX	IC	IC	IX	IC	IC	IC	IX		SE5			Common Chickweed	CARYOPHYLLACEAE	
IR		<i>Stellaria pallida</i>	IR	IR	IR		IR		IR		IR			SE2			Lesser Chickweed	CARYOPHYLLACEAE	
IR		<i>Vaccaria hispanica</i>	IR		IR		IR					IH	IR	SE3			Cowcockle	CARYOPHYLLACEAE	
IU		<i>Amaranthus albus</i>	IU	IX	IX	IU	IR	IX	IC	IX	IR	IX	IX	SE5			White Amaranth	AMARANTHACEAE	
IR		<i>Amaranthus blitoides</i>	IR	IX	IX	IU	IR				IR	IX	IX	SE4?			Prostrate Amaranth	AMARANTHACEAE	
IR		<i>Amaranthus blitum</i> ssp. <i>blitum</i>					IH						IR	SE1			Purple Amaranth	AMARANTHACEAE	sometimes called <i>A. lividus</i>
IR		<i>Amaranthus blitum</i> ssp. <i>emarginatus</i>									IR			SE1			Purple Amaranth	AMARANTHACEAE	
IH		<i>Amaranthus caudatus</i>									IH			SEH			Love-lies-bleeding	AMARANTHACEAE	

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IH		<i>Amaranthus cruentus</i>		IH	IH	IH			IH		IH		IH	SEH			Blood Amaranth	AMARANTHACEAE	
IU		<i>Amaranthus hybridus</i> <i>ssp. hybridus</i>	IU	IX	IX	IU	IR	IX		IX	IR	IX	IX	SE5?			Smooth Amaranth	AMARANTHACEAE	
IH		<i>Amaranthus hybridus</i> <i>ssp. quitensis</i>											IH	SEH			Ataco	AMARANTHACEAE	
IH		<i>Amaranthus hypochondriacus</i>				IH	IH							SE1			Prince-of-Wales Feather	AMARANTHACEAE	
IR		<i>Amaranthus palmeri</i>			IH						IR			SE1			Palmer's Amaranth	AMARANTHACEAE	
IR		<i>Amaranthus powellii</i> <i>ssp. bouchonii</i>											IR	SE1?			Indehiscent Amaranth	AMARANTHACEAE	
IC		<i>Amaranthus powellii</i> <i>ssp. powellii</i>	IR	IX	IX	IR	IC	IX	IU	IX	IR	IX	IX	SE5			Powell's Amaranth	AMARANTHACEAE	
IC		<i>Amaranthus retroflexus</i>	IU	IX	IX	IC	IC	IX	IC	IX	IC	IX	IX	SE5			Red-root Amaranth	AMARANTHACEAE	
IH		<i>Amaranthus spinosus</i>			IH								IH	SEH			Spiny Amaranth	AMARANTHACEAE	
IR		<i>Amaranthus tuberculatus</i> var. <i>rudis</i>	IR		IR								IR	SE1			Tall Rough-fruit Amaranth	AMARANTHACEAE	
R		<i>Amaranthus tuberculatus</i> var. <i>tuberculatus</i>	U		R	R	R		R		R	R		S4			Rough-fruit Amaranth	AMARANTHACEAE	
hyb		<i>Amaranthus x ozanonii</i>	hyb											hyb			(<i>Amaranthus hybridus</i> X <i>Amaranthus retroflexus</i>)	AMARANTHACEAE	
hyb		<i>Amaranthus x saroniensis</i>					hyb							hyb			(<i>Amaranthus powellii</i> X <i>Amaranthus retroflexus</i>)	AMARANTHACEAE	
IR		<i>Atriplex heterosperma</i>	IR				IR	IR			IR	IR	IR	SE4			Russian Saltbush	AMARANTHACEAE	
IR		<i>Atriplex hortensis</i>											IR	SE1			Garden Saltbush	AMARANTHACEAE	
IU		<i>Atriplex patula</i>	IU		IX	IX	IU	IX	IC	IX	IU	IU	IX	SE5			Spear Saltbush	AMARANTHACEAE	
IU		<i>Atriplex prostrata</i>	IU	IX	IX	IX	IU	IX	IU		IR	IR	IX	SE5			Creeping Saltbush	AMARANTHACEAE	including <i>A. hastata</i>
IH		<i>Atriplex rosea</i>											IH	SEH			Red-scaled Saltbush	AMARANTHACEAE	
IH		<i>Axyris amaranthoides</i>		IH										SE2			Russian-pigweed	AMARANTHACEAE	
IC		<i>Bassia scoparia</i>	IU	IX	IX	IX	IU	IX	IC	IX	IR	IX	IX	SE5			Common Kochia	AMARANTHACEAE	sometimes called <i>Kochia scoparia</i>
IR		<i>Blitum bonus-henricus</i>		IR							IH		IR	SE1			Good King Henry	AMARANTHACEAE	formerly <i>Chenopodium bonus-henricus</i>
U		<i>Blitum capitatum</i>			R	R	R		H		R	U	R	S5			Strawberry-blite	AMARANTHACEAE	formerly <i>Chenopodium capitatum</i>
IR		<i>Chenopodium murale</i>		IH				IR						SE1			Nettle-leaved Goosefoot	AMARANTHACEAE	formerly <i>Chenopodium murale</i>
U		<i>Chenopodium simplex</i>	U	R	X	R	R	X	U	X	R	U	U	S5			Maple-leaved Goosefoot	AMARANTHACEAE	formerly <i>Chenopodium simplex</i>

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IC		<i>Chenopodium album</i>	IC	IX	IX	IX	IC	IX	IC	IX	IC	IX	IC	SE5			White Goosefoot	AMARANTHACEAE	
R	CZ	<i>Chenopodium berlandieri</i>	R		R		R		R		R			S1S2			Bush's Goosefoot	AMARANTHACEAE	var. bushianum, formerly C. bushianum; var. zschackei may also occur (rare introduction)
IH		<i>Chenopodium ficifolium</i>			IH									SEH			Fig-leaved Goosefoot	AMARANTHACEAE	
R	cz	<i>Chenopodium foggii</i>	R	R	R				U		R			S2?			Fogg's Goosefoot	AMARANTHACEAE	
H		<i>Chenopodium leptophyllum</i>	H								H			S1			Slim-leaved Goosefoot	AMARANTHACEAE	
IH		<i>Chenopodium opulifolium</i>	IH											SEH			Round-leaved Goosefoot	AMARANTHACEAE	
R	CZ	<i>Chenopodium standleyanum</i>	R	R										S2?			Standley's Goosefoot	AMARANTHACEAE	
IR		<i>Chenopodium strictum</i>	IH	IH	IH	IR					IR			SE4?			Late-flowering Goosefoot	AMARANTHACEAE	
R		<i>Corispermum americanum</i>			H		R		H		R			S3?			American Bugseed	AMARANTHACEAE	formerly included in reports of C. hyssopifolium
R	cz	<i>Corispermum hookeri</i>			R				R		R			S2?			Hooker's Bugseed	AMARANTHACEAE	formerly included in reports of C. hyssopifolium
R		<i>Corispermum pallasii</i>		R	R	R	R		R		R			S2?			Pallas' Bugseed	AMARANTHACEAE	formerly included in reports of C. hyssopifolium
R		<i>Corispermum villosum</i>			R	H	H		R	R	R			S2?			Hairy Bugseed	AMARANTHACEAE	formerly included in reports of C. hyssopifolium
R		<i>Cycloloma atriplicifolium</i>	R	R	X	R	R		U		R	IR	IX	S4			Winged Pigweed	AMARANTHACEAE	
IR		<i>Dysphania ambrosioides</i>	IR		IH				IH		IR	IH		SE1			Wormseed Goosefoot	AMARANTHACEAE	formerly included in Chenopodium
IR		<i>Dysphania botrys</i>	IR	IX	IX	IR	IR	IX		IX	IR	IR	IX	SE4			Jerusalem-oak	AMARANTHACEAE	formerly included in Chenopodium
IR		<i>Dysphania pumilio</i>									IR			SE1			Clammy Goosefoot	AMARANTHACEAE	formerly included in Chenopodium
IH		<i>Froelichia gracilis</i>	IH						IH					SEH			Slender Cottonweed	AMARANTHACEAE	
IR		<i>Lipandra polysperma</i> var. <i>acutifolia</i>			IR									SE1			Acute-leaved Goosefoot	AMARANTHACEAE	formerly included in Chenopodium
IR		<i>Lipandra polysperma</i> var. <i>polysperma</i>			IH							IR	IR	SE1			Many-seeded Goosefoot	AMARANTHACEAE	formerly included in Chenopodium
IU		<i>Oxybasis glauca</i> ssp. <i>glauca</i>	IU	IX	IX	IX	IU	IX	IU	IX	IU	IX	IX	SE5			Oak-leaved Goosefoot	AMARANTHACEAE	formerly included in Chenopodium; if no ssp. specified, assumed to be ssp. glauca
IR		<i>Oxybasis glauca</i> ssp. <i>salina</i>			IR									S4?			Saline Goosefoot	AMARANTHACEAE	formerly included in Chenopodium; introduced in CZ
R		<i>Oxybasis rubra</i>			H				H			R	R	SU			Red Goosefoot	AMARANTHACEAE	var. rubra; formerly included in Chenopodium; most or all populations likely introduced in CZ

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IH		<i>Oxybasis urtica</i>			IH						IH			SE1			City Goosefoot	AMARANTHACEAE	formerly included in Chenopodium
IR		<i>Salsola collina</i>	IR	IR	IR	IR	IR	IX	IR	IX	IR	IR	IR	SE4			Slender Russian Thistle	AMARANTHACEAE	
IR		<i>Salsola kali</i>		IR										SE1			Common Saltwort	AMARANTHACEAE	
IC		<i>Salsola tragus</i>	IC	IX	IX	IX	IU	IX	IC	IX	IR	IX	IX	SE5			Prickly Russian Thistle	AMARANTHACEAE	
IR		<i>Suaeda calceoliformis</i>		IR		IR	IR	IR			IR	IR	IR	S2			Horned Sea-blite	AMARANTHACEAE	introduced in CZ
C	cz	<i>Phytolacca americana</i>	C	X	R	X	U	X	C	C	C	U	H	S4			Common Pokeweed	PHYTOLACCACEAE	recent introduced populations in 7E4
IR		<i>Mirabilis albida</i>										IR		SE1			Hairy Four-o'clock	NYCTAGINACEAE	including <i>M. hirsuta</i>
IU		<i>Mirabilis nyctaginea</i>	IC	IR	IX	IR	IU	IX	IU	IX	IR	IR	IX	S2			Wild Four-o'clock	NYCTAGINACEAE	introduced in CZ
IU		<i>Mollugo verticillata</i>	IU	IR	IX	IR	IR		IU		IR		IX	SE5			Green Carpet-weed	MOLLUGINACEAE	
U		<i>Claytonia caroliniana</i>			R	R				R	R	C	U	S5			Carolina Spring Beauty	PORTULACACEAE	
C		<i>Claytonia virginica</i>	C	X	X	C	C	X	C	C	C	C	C	S5			Narrow-leaved Spring Beauty	PORTULACACEAE	
IR		<i>Portulaca grandiflora</i>						IX	IR		IH		IR	SE1			Rose-moss-of-garden	PORTULACACEAE	
IU		<i>Portulaca oleracea</i>	IR	IX	IX	IX	IU		IU	IX	IU	IX	IR	SE5			Common Purslane	PORTULACACEAE	
R	CZ	<i>Opuntia cespitosa</i>	R	H			?		IR		IR		IR	S1	END	END	Eastern Prickly-pear Cactus	CACTACEAE	including reports of <i>O. compressa</i> and <i>O. humifusa</i>; some populations introduced
IR		<i>Opuntia fragilis</i>											IR	S3			Brittle Prickly-pear Cactus	CACTACEAE	introduced in CZ
C		<i>Cornus alternifolia</i>	R	R	X	X	X	X	C	C	C	C	C	S5			Alternate-leaved Dogwood	CORNACEAE	
U		<i>Cornus canadensis</i>	H		R	X	X	X	C	C	H	U	R	S5			Bunchberry	CORNACEAE	
U	CZ	<i>Cornus drummondii</i>	C	R			U		R		R			S4			Rough-leaved Dogwood	CORNACEAE	
U	CZ	<i>Cornus florida</i>	C	R	R	X	X		C	R	U	U	R	S2?	END	END	Eastern Flowering Dogwood	CORNACEAE	
C		<i>Cornus obliqua</i>	C	X	X	X	X	X	C	C	C	C	R	S5			Pale Dogwood	CORNACEAE	formerly <i>C. amomum</i> ssp. <i>obliqua</i>
C		<i>Cornus racemosa</i>	C	X	X	X	X	X	U	C	C	C	C	S5			Gray Dogwood	CORNACEAE	formerly <i>C. foemina</i> ssp. <i>racemosa</i>
C		<i>Cornus rugosa</i>	H	R	R	X	X	X	C	C	C	C	C	S5			Round-leaved Dogwood	CORNACEAE	
C		<i>Cornus sericea</i>	C	X	X	C	C	X	C	C	U	C	C	S5			Red-osier Dogwood	CORNACEAE	including <i>C. stolonifera</i>
hyb		<i>Cornus x arnoldiana</i>										hyb	hyb	hyb			(<i>Cornus obliqua</i> X <i>Cornus racemosa</i>)	CORNACEAE	
U	CZ	<i>Nyssa sylvatica</i>	U	R	R	R	U		C		U	R		S3			Black Gum	CORNACEAE	
IR		<i>Deutzia scabra</i>										IR		SE1			Fuzzy Deutzia	HYDRANGEACEAE	
IR		<i>Hydrangea paniculata</i>				IR								SE1			Panicle Hydrangea	HYDRANGEACEAE	
IR		<i>Philadelphus coronarius</i>				IR			IR	IX	IR	IR	IR	SE1			European Mock-orange	HYDRANGEACEAE	
IR		<i>Philadelphus inodorus</i>										IR		SE1			Scentless Mock-orange	HYDRANGEACEAE	
IR		<i>Philadelphus pubescens</i>										IR		SE1			Hairy Mock-orange	HYDRANGEACEAE	
C		<i>Impatiens capensis</i>	C	X	X	C	C	X	C	C	C	C	C	S5			Spotted Jewelweed	BALSAMINACEAE	

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IR		<i>Impatiens glandulifera</i>	IR			IR	IR		IH		IH	IX	IC	SE4			Purple Jewelweed	BALSAMINACEAE	
C		<i>Impatiens pallida</i>	R	X	R	X	X	X	C	U	U	C	U	S4			Pale Jewelweed	BALSAMINACEAE	
C		<i>Phlox divaricata</i>	C	X	R	X	X	X	C	X	U	C	R	S4			Wild Blue Phlox	POLEMONIACEAE	
IR		<i>Phlox paniculata</i>	IR	IX	IR	IR	IR	IX	IR	IX	IR	IR	IR	SE3			Fall Phlox	POLEMONIACEAE	
H	CZ	<i>Phlox pilosa</i>	H							?				SX			Downy Phlox	POLEMONIACEAE	
R	CZ	<i>Phlox subulata</i>				H	H		R	R		IR	IR	S1?			Moss Phlox	POLEMONIACEAE	also introduced in CZ
IH		<i>Polemonium reptans</i>				IH					IH			SEH			Creeping Jacob's-ladder	POLEMONIACEAE	
IX		<i>Lysimachia arvensis</i>	IR		IX	IR			IR		IR	IX	IX	SE4			Scarlet Pimpernel	PRIMULACEAE	formerly <i>Angalis arvensis</i>
C		<i>Lysimachia borealis</i>	R		X	X	X	X	C	C	C	C	C	S5			Northern Starflower	PRIMULACEAE	formerly <i>Trientalis borealis</i>
C		<i>Lysimachia ciliata</i>	C	X	X	X	C	X	C	C	C	C	C	S5			Fringed Loosestrife	PRIMULACEAE	
IC		<i>Lysimachia nummularia</i>	IC	IX	IX	IX	IX	IX	IU	IX	IC	IX	IC	SE5			Creeping Jennie	PRIMULACEAE	
IR		<i>Lysimachia punctata</i>	IR			IR	IR		IR		IH		IX	SE3			Spotted Loosestrife	PRIMULACEAE	
R		<i>Lysimachia quadriflora</i>	R		R				R	R	R			S4			Four-flowered Loosestrife	PRIMULACEAE	
R		<i>Lysimachia quadrifolia</i>	R	R		R	R	X	U	U	R	R	R	S4			Whorled Loosestrife	PRIMULACEAE	some confusion with <i>L. quadriflora</i>
R		<i>Lysimachia terrestris</i>	R	R	R	R	R	X	U	R	R	U	R	S5			Swamp Loosestrife	PRIMULACEAE	
U		<i>Lysimachia thyrsiflora</i>	R	R	R	X	X	X	U	U	U	C	R	S5			Water Loosestrife	PRIMULACEAE	
IR		<i>Lysimachia vulgaris</i>		IR		IR	IR		IR			IX	IX	SE3			Garden Loosestrife	PRIMULACEAE	
hyb		<i>Lysimachia x producta</i>											hyb	hyb			(<i>Lysimachia quadrifolia</i> X <i>Lysimachia terrestris</i>)	PRIMULACEAE	
H		<i>Primula mistassinica</i>			H					H				S4S5			Bird's-eye Primrose	PRIMULACEAE	
IR		<i>Primula veris</i>					IR						IR	SE1			Cowslip Primrose	PRIMULACEAE	
R	cz	<i>Samolus parviflorus</i>	R		R	R	R		R	R	R	C	R	S4			Seaside Brookweed	PRIMULACEAE	
R		<i>Sarracenia purpurea</i>			R	R	R	X	H	R	H	R	H	S5			Northern Pitcher Plant	SARRACENIACEAE	
IR		<i>Actinidia arguta</i>					IR							SE1			Taravine	ACTINIDIACEAE	
R		<i>Andromeda polifolia</i>			R	R		X	R		H	R	H	S5			Glaucous-leaved Bog Rosemary	ERICACEAE	var. <i>latifolia</i> , formerly <i>A. glaucophylla</i>
R		<i>Arctostaphylos uva-ursi</i>	R	R	R				R		H		R	S5			Common Bearberry	ERICACEAE	
R		<i>Chamaedaphne calyculata</i>	?		H	R		X	R	R	R	R	H	S5			Leatherleaf	ERICACEAE	
R	cz	<i>Chimaphila maculata</i>	R						R		R	H		S2	END	END	Spotted Wintergreen	ERICACEAE	
R		<i>Chimaphila umbellata</i>		R	R	R	R	X	C	R	R	R	H	S5			Common Pipsissewa	ERICACEAE	
R		<i>Epigaea repens</i>			H	R	?	X		R			R	S5			Trailing Arbutus	ERICACEAE	
R		<i>Gaultheria hispida</i>			H	R			R	R	H	R	H	S5			Creeping Snowberry	ERICACEAE	
C		<i>Gaultheria procumbens</i>	H	R	R	X	X	X	C	U	U	C	R	S5			Eastern Teaberry	ERICACEAE	
R		<i>Gaylussacia baccata</i>	U	R	X	R	R	X	C	R	R	U	R	S4			Black Huckleberry	ERICACEAE	
U		<i>Hypopitys monotropa</i>	R	R	R	R	R		U	R	R	C	R	S4			American Pinesap	ERICACEAE	formerly <i>Monotropa hypopitys</i>

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R		<i>Kalmia angustifolia</i>									R			S5			Sheep Laurel	ERICACEAE	
R		<i>Kalmia polifolia</i>			H	R					R	R	H	S5			Pale Laurel	ERICACEAE	
R		<i>Moneses uniflora</i>							H	R		U	H	S5			One-flowered Wintergreen	ERICACEAE	
C		<i>Monotropa uniflora</i>	U	R	R	X	X	X	C	X	C	C	U	S5			Indian-pipe	ERICACEAE	
R		<i>Orthilia secunda</i>		R	R	R	R		U		H	R	H	S5			One-sided Wintergreen	ERICACEAE	
H		<i>Pterospora andromedea</i>			H	H			H		H	H	H	S2			Woodland Pinedrops	ERICACEAE	
R		<i>Pyrola americana</i>	H		R	R	R		U	R	H			S4?			Round-leaved Pyrola	ERICACEAE	
R		<i>Pyrola asarifolia</i>			R	R	R	X	R		H	R	R	S5			Pink Pyrola	ERICACEAE	
R		<i>Pyrola chlorantha</i>			R		R		U	R	H	R	H	S4S5			Green-flowered Pyrola	ERICACEAE	
U		<i>Pyrola elliptica</i>	R	R	R	X	X	X	C	C	R	C	U	S5			Shinleaf	ERICACEAE	
R		<i>Rhododendron groenlandicum</i>			H			X		R	R	R	H	S5			Common Labrador Tea	ERICACEAE	formerly <i>Ledum groenlandicum</i>
C		<i>Vaccinium angustifolium</i>	R	R	R	X	X	X	C	U	U	C	R	S5			Late Lowbush Blueberry	ERICACEAE	
C	cz	<i>Vaccinium corymbosum</i>	R	R	R	X	X	X	C	U	C	C	R	S4			Highbush Blueberry	ERICACEAE	
R		<i>Vaccinium macrocarpon</i>	H		R	R	R	X	R	R	R	R	H	S4			Large Cranberry	ERICACEAE	
R		<i>Vaccinium myrtilloides</i>		R	R	R	R	X	U	R	R	R	R	S5			Velvet-leaved Blueberry	ERICACEAE	
R		<i>Vaccinium oxycoccos</i>				R		X		R	R	R	H	S5			Small Cranberry	ERICACEAE	
C	cz	<i>Vaccinium pallidum</i>	C	R		R	R	X	C	R	U	C	R	S4			Early Lowbush Blueberry	ERICACEAE	
R	cz	<i>Vaccinium stamineum</i>									R			S1	THR	THR	Deerberry	ERICACEAE	
C		<i>Cephalanthus occidentalis</i>	C	X	X	X	X	X	C	C	C	C	R	S5			Eastern Buttonbush	RUBIACEAE	
C		<i>Galium aparine</i>	C	X	X	X	X	X	C	C	C	C	U	S5			Cleavers	RUBIACEAE	some CZ populations may be introduced
C		<i>Galium asprellum</i>	R	R	R	X	X	X	C	X	C	C	U	S5			Rough Bedstraw	RUBIACEAE	
U		<i>Galium boreale</i>	R	R	X	X	X	X	U	C	U	C	R	S5			Northern Bedstraw	RUBIACEAE	
R		<i>Galium brevipes</i>				R						R		S2S3			Limestone Swamp Bedstraw	RUBIACEAE	
C		<i>Galium circaezans</i>	C	X	X	X	X	X	C	C	U	C	R	S5			Wild Licorice	RUBIACEAE	
R	CZ	<i>Galium concinnum</i>				R				?				S1			Shining Bedstraw	RUBIACEAE	
R		<i>Galium labradoricum</i>			R	R			R					S5			Bog Bedstraw	RUBIACEAE	
U		<i>Galium lanceolatum</i>	R	R	R	X	X		C	R	U	U	R	S5			Lance-leaved Wild Licorice	RUBIACEAE	
IU		<i>Galium mollugo</i>		IX	IX	IX	IX	IX	IU	IX	IC	IX	IU	SE5			Smooth Bedstraw	RUBIACEAE	most or all records are <i>G. album sensu stricto</i>
C		<i>Galium obtusum</i>	C	X	X	R	R		C	C	R	C	R	S4S5			Blunt-leaved Bedstraw	RUBIACEAE	
IR		<i>Galium odoratum</i>				IR					IR	IR	IR	SE1			Sweet Bedstraw	RUBIACEAE	
R		<i>Galium palustre</i>	R	X	R	X	X	X	R	X	C	C	C	S5			Marsh Bedstraw	RUBIACEAE	
R	cz	<i>Galium pilosum</i>	R	R	R	R	R		U		H			S3			Hairy Bedstraw	RUBIACEAE	

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IX		<i>Galium spurium</i>			IX	IX								SE2?			False Cleavers	RUBIACEAE	easily confused with <i>G. aparine</i> and sometimes included in it
IR		<i>Galium sylvaticum</i>				IR							IR	SE1			Wood Bedstraw	RUBIACEAE	
U		<i>Galium tinctorium</i>	U		R	R	X		U	U	R	C	R	S5			Stiff Marsh Bedstraw	RUBIACEAE	
IH		<i>Galium tricornutum</i>				IH								SEH			Rough-fruited Corn Bedstraw	RUBIACEAE	
U		<i>Galium trifidum</i>	R	R	R	R	X	X	U	X	U	C	R	S5			Three-petalled Bedstraw	RUBIACEAE	all CZ records assumed to be ssp. <i>trifidum</i>
C		<i>Galium triflorum</i>	C	X	X	X	X	X	C	C	C	C	C	S5			Three-flowered Bedstraw	RUBIACEAE	
IR		<i>Galium verum</i>	IR	IX	IX	IX	IX		IR	IX	IU	IX	IR	SE4			Yellow Bedstraw	RUBIACEAE	
R		<i>Houstonia canadensis</i>					R		R		R			S4?			Canada Bluets	RUBIACEAE	confusion with <i>H. longifolia</i>
R		<i>Houstonia longifolia</i>	R		R		R	H	C	R	?	H		S4			Long-leaved Bluets	RUBIACEAE	confusion with <i>H. canadensis</i>
C		<i>Mitchella repens</i>	R	R	R	X	X	X	C	X	C	C	R	S5			Partridge-berry	RUBIACEAE	
IR		<i>Sherardia arvensis</i>	IR		IH	IR							IR	SE2			Blue Field Madder	RUBIACEAE	
R	cz	<i>Bartonia virginica</i>			R	R	R		R		R			S2			Yellow Bartonia	GENTIANACEAE	
IR		<i>Centaureum erythraea</i>			IR	IR	IR				IH			SE3			Common Centaury	GENTIANACEAE	
IR		<i>Centaureum pulchellum</i>	IU	IR	IR	IR	IR		IR		IR	IR	IU	SE3			Branching Centaury	GENTIANACEAE	
R	cz	<i>Frasera caroliniensis</i>			H			?	R	R	R	R		S2	END	END	American Columbo	GENTIANACEAE	formerly <i>Swertia caroliniensis</i>
R	cz	<i>Gentiana alba</i>	H		R									S1	END	END	White Prairie Gentian	GENTIANACEAE	
U		<i>Gentiana andrewsii</i>	U	X	X	X	U	X	U	U	U	C	R	S4			Closed Bottle Gentian	GENTIANACEAE	
H	CZ	<i>Gentiana puberulenta</i>			H									SX			Downy Gentian	GENTIANACEAE	
hyb		<i>Gentiana x billingtonii</i>			hyb									hyb			(<i>Gentiana andrewsii</i> X <i>Gentiana puberulenta</i>)	GENTIANACEAE	
hyb		<i>Gentiana x pallidocyanea</i>			hyb									hyb			(<i>Gentiana alba</i> X <i>Gentiana andrewsii</i>)	GENTIANACEAE	
R	cz	<i>Gentianella quinquefolia</i>	H		R	R	R				H	R	R	S2			Stiff Gentian	GENTIANACEAE	ssp. <i>quinquefolia</i> and ssp. <i>occidentalis</i> are known from the CZ
R		<i>Gentianopsis crinita</i>	R	R	R	R	R	X	U	U	R	R	R	S5			Fringed Gentian	GENTIANACEAE	formerly included in <i>Gentiana</i>
R		<i>Gentianopsis virgata</i>			R	R	R		R	R	R			S4			Small Fringed Gentian	GENTIANACEAE	ssp. <i>virgata</i> ; formerly included in <i>Gentiana</i> ; sometimes called <i>G. procera</i>
R		<i>Halenia deflexa</i>			H	R			R	R		R		S5			Spurred Gentian	GENTIANACEAE	
H	CZ	<i>Sabatia angularis</i>										H		SX			Square-stemmed Rose Pink	GENTIANACEAE	
C		<i>Apocynum androsaemifolium</i>	U	X	X	C	C	X	C	C	C	C	U	S5			Spreading Dogbane	APOCYNACEAE	
C		<i>Apocynum cannabinum</i> var. <i>cannabinum</i>	C	X	X	C	C	X	C	C	C	C	R	S5			Hemp Dogbane	APOCYNACEAE	

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R		<i>Apocynum cannabinum</i> var. <i>hypericifolium</i>		X	R				R	X	R		U	S5			Clasping-leaved Hemp Dogbane	APOCYNACEAE	sometimes called <i>A. sibiricum</i>
hyb		<i>Apocynum x floribundum</i>	hyb		hyb	hyb						hyb	hyb	hyb			(<i>Apocynum androsaemifolium</i> ssp. <i>androsaemifolium</i> X <i>Apocynum cannabinum</i>)	APOCYNACEAE	
R		<i>Asclepias exaltata</i>	R	R	X	R	R	X	C	R	R	C	R	S4			Poke Milkweed	APOCYNACEAE	
R	CZ	<i>Asclepias hirtella</i>	R											S1			Tall Green Milkweed	APOCYNACEAE	
C		<i>Asclepias incarnata</i>	C	X	X	C	C	X	C	C	C	C	U	S5			Swamp Milkweed	APOCYNACEAE	
R	CZ	<i>Asclepias purpurascens</i>	R	R	R				R					S2			Purple Milkweed	APOCYNACEAE	
H		<i>Asclepias quadrifolia</i>			?									S1	END	END	Four-leaved Milkweed	APOCYNACEAE	
R	CZ	<i>Asclepias sullivantii</i>	R	R	R	R	R						H	S2S3			Prairie Milkweed	APOCYNACEAE	occasionally in seed mix plantings in some areas (e.g. 7E4)
C		<i>Asclepias syriaca</i>	C	X	X	C	C	X	C	C	C	C	C	S5			Common Milkweed	APOCYNACEAE	
U		<i>Asclepias tuberosa</i>	U	X	X	U	R		C	C	R	U	R	S4			Butterfly Milkweed	APOCYNACEAE	
H	CZ	<i>Asclepias variegata</i>											H	SX			White Milkweed	APOCYNACEAE	
R	cz	<i>Asclepias verticillata</i>	R	R			R		R		H			S4			Whorled Milkweed	APOCYNACEAE	some records introduced
R	cz	<i>Asclepias viridiflora</i>	R	R	R			R	R	R	H			S2			Green Cornet Milkweed	APOCYNACEAE	
IH		<i>Cynanchum laeve</i>	IH											SEH			Honeyvine	APOCYNACEAE	including <i>Ampelamus albidus</i>
IX		<i>Cynanchum louiseae</i>		IX	IX						IX	IX	IR	SE3?			Black Swallow-wort	APOCYNACEAE	formerly <i>C. nigrum</i> , <i>Vincetoxicum nigrum</i>
IX		<i>Cynanchum rossicum</i>		IX		IR	IR				IX	IR	IX	SE5			European Swallow-wort	APOCYNACEAE	formerly <i>Vincetoxicum rossicum</i>
IR		<i>Cynanchum vincetoxicum</i>									IH	IR	IR	SE1			White Swallow-wort	APOCYNACEAE	
IX		<i>Vinca minor</i>	IR		IX	IR	IR	IX	IU	IX	IU	IX	IC	SE5			Periwinkle	APOCYNACEAE	
IR		<i>Anchusa arvensis</i>			IR	IR				IX	IH	IR	IR	SE3			Small Bugloss	BORAGINACEAE	
IR		<i>Anchusa azurea</i>										IR		SE1			Italian Bugloss	BORAGINACEAE	
IR		<i>Anchusa officinalis</i>								IR				SE1			Common Bugloss	BORAGINACEAE	
R		<i>Andersonglossum virginianum</i>			R						H		R	S4			Wild Comfrey	BORAGINACEAE	including <i>Cynoglossum boreale</i> and <i>C. virginianum</i>
IH		<i>Borago officinalis</i>			IH								IH	SEH			Common Borage	BORAGINACEAE	
IU		<i>Buglossoides arvensis</i>	IU	IR	IX	IR	IR		IU	IX	IR	IX	IR	SE5			Corn Gromwell	BORAGINACEAE	formerly <i>Lithospermum arvense</i>
IU		<i>Cynoglossum officinale</i>	IR	IX	IX	IX	IX	IX	IU		IR	IX	IC	SE5			Common Hound's-tongue	BORAGINACEAE	
IH		<i>Echium plantagineum</i>									IH			SEH			Purple Viper's Bugloss	BORAGINACEAE	
IC		<i>Echium vulgare</i>	IR	IX	IX	IC	IC		IC	IX	IC	IX	IC	SE5			Common Viper's Bugloss	BORAGINACEAE	
IH		<i>Ellisia nyctelea</i>	IH											SEH			Nyctelea	BORAGINACEAE	
R		<i>Hackelia deflexa</i>										R	R	S5			Northern Stickseed	BORAGINACEAE	
C		<i>Hackelia virginiana</i>	C	R	X	U	X	X	C	U	U	C	U	S5			Virginia Stickseed	BORAGINACEAE	

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R	CZ	<i>Hydrophyllum appendiculatum</i>	R	R	?	R	R	R						S2			Appendaged Waterleaf	BORAGINACEAE	
U		<i>Hydrophyllum canadense</i>		R	R	X	X	X	U	R	U	C	R	S4			Canada Waterleaf	BORAGINACEAE	
C		<i>Hydrophyllum virginianum</i>	C	X	C	C	C	X	C	C	C	C	C	S5			Virginia Waterleaf	BORAGINACEAE	
IR		<i>Lappula squarrosa</i>	IR	IR	IX	IR	IR	IX	IX		IR	IH	IR	SE5			Bristly Stickseed	BORAGINACEAE	
R	cz	<i>Lithospermum canescens</i>	R		R	R			R	R				S3			Hoary Puccoon	BORAGINACEAE	
R		<i>Lithospermum caroliniense</i>	R	R	R	R			U		H	H		S3			Golden Puccoon	BORAGINACEAE	including <i>L. croceum</i>
R	CZ	<i>Lithospermum incisum</i>	R		R			X				R	R	S1			Narrow-leaved Puccoon	BORAGINACEAE	
R	cz	<i>Lithospermum latifolium</i>	H	H	R	R	R	R	H	R	R		H	S2S3			Broad-leaved Puccoon	BORAGINACEAE	
IU		<i>Lithospermum officinale</i>	IR	IX	IX	IX	IX		IU	IX	IR	IR	IU	SE5			European Gromwell	BORAGINACEAE	
R	cz	<i>Lithospermum parviflorum</i>			H	R	R	X	R	R	R	H		S2			Soft-hairy False Gromwell	BORAGINACEAE	formerly <i>Onosmodium molle</i>
R	cz	<i>Mertensia virginica</i>	R	R	R	R	R		R		R	R	R	S3			Virginia Bluebells	BORAGINACEAE	
IR		<i>Myosotis arvensis</i>			IX						IH	IR	IR	SE4			Rough Forget-me-not	BORAGINACEAE	
IR		<i>Myosotis discolor</i>									IR	IR		SE1			Yellow-and-blue Forget-me-not	BORAGINACEAE	
C		<i>Myosotis laxa</i>		R	R	X	X	X	C	C	C	C	C	S5			Small Forget-me-not	BORAGINACEAE	
R	CZ	<i>Myosotis macrosperma</i>	R	R										S1			Large-seeded Forget-me-not	BORAGINACEAE	
IX		<i>Myosotis scorpioides</i>	IR	IX	IX	IX	IX	IX	IR	IX	IU	IX	IC	SE5			True Forget-me-not	BORAGINACEAE	
IX		<i>Myosotis stricta</i>	IR	IR	IX	IR	IR	IX	IU	IX	IU	IR	IX	SE4			Small-flowered Forget-me-not	BORAGINACEAE	
IR		<i>Myosotis sylvatica</i>	IR		IX	IR			IR		IR	IX	IR	SE4			Woodland Forget-me-not	BORAGINACEAE	
R	cz	<i>Myosotis verna</i>	R	R							R	R		S4			Spring Forget-me-not	BORAGINACEAE	
R	CZ	<i>Phacelia purshii</i>	R											S1			Pursh's Phacelia	BORAGINACEAE	
IR		<i>Pulmonaria officinalis</i>				IR							IR	SE1			Blue Lungwort	BORAGINACEAE	
IR		<i>Symphytum asperum</i>											IR	SE2			Prickly Comfrey	BORAGINACEAE	
IR		<i>Symphytum officinale</i>	IR	IR	IX	IX	IX	IX	IR	IX	IR	IX	IR	SE5			Common Comfrey	BORAGINACEAE	
IH		<i>Calystegia hederacea</i>	IH											SEH			Japanese False Bindweed	CONVOLVULACEAE	including <i>C. pubescens</i> , <i>Convolvulus japonicus</i>
C		<i>Calystegia sepium</i>	X	X	X	X	X	X	X	C	C	C	C	S5			American False Bindweed	CONVOLVULACEAE	formerly included in <i>Convolvulus</i> ; ssp. status poorly known; ssp. <i>americana</i> and ssp. <i>angulata</i> are known from CZ
R		<i>Calystegia spithamea</i>			R		R		U	R	H	R	R	S4S5			Low False Bindweed	CONVOLVULACEAE	formerly included in <i>Convolvulus</i>

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IC		<i>Convolvulus arvensis</i>	IC	IX	IX	IX	IX	IX	IU	IX	IC	IC	IC	SE5			Field Bindweed	CONVOLVULACEAE	
R	cz	<i>Cuscuta campestris</i>	R		IR	H	R		H		R		IX	S2			Field Dodder	CONVOLVULACEAE	native and introduced
R	cz	<i>Cuscuta cephalanthi</i>	R		R				R					S2			Buttonbush Dodder	CONVOLVULACEAE	
R	CZ	<i>Cuscuta coryli</i>	R		R									S1			Hazel Dodder	CONVOLVULACEAE	
IH		<i>Cuscuta epithymum</i>			?	IH								SEH			Clover Dodder	CONVOLVULACEAE	
C		<i>Cuscuta gronovii</i>	U	X	X	C	C	X	C	C	C	C	U	S5?			Swamp Dodder	CONVOLVULACEAE	CZ records assumed to be var. gronovii
R		<i>Cuscuta polygonorum</i>	H								R			S1			Smartweed Dodder	CONVOLVULACEAE	
IR		<i>Ipomoea hederacea</i>	IH						IR		IH	IR	IR	SE1			Ivy-leaved Morning Glory	CONVOLVULACEAE	
R	CZ	<i>Ipomoea pandurata</i>	R								H			S1			Big-root Morning Glory	CONVOLVULACEAE	
IR		<i>Ipomoea purpurea</i>	IR		IX	IR	IR				IH	IR	IR	SE2			Common Morning Glory	CONVOLVULACEAE	
IR		<i>Alkekengi officinarum</i>				IR	IR		IR	IX	IR	IR	IX	SE2			Strawberry Ground-cherry	SOLANACEAE	formerly <i>Physalis alkekengi</i>
IR		<i>Datura innoxia</i>							IH			IR	IR	SE1			Angel's Trumpet	SOLANACEAE	including <i>D. wrightii</i>
IR		<i>Datura stramonium</i>	IR	IX	IX	IX	IX		IR		IR	IR	IR	SE5			Jimson Weed	SOLANACEAE	
IR		<i>Hyoscyamus albus</i>										IR		SE1			White Henbane	SOLANACEAE	
IR		<i>Hyoscyamus niger</i>	IH	IR	IH						IH		IR	SE1			Black Henbane	SOLANACEAE	
R		<i>Leucophysalis grandiflora</i>			R									S3			Large False Ground-cherry	SOLANACEAE	
IR		<i>Lycium barbarum</i>	IR		IX	IH	IH		IR		IR	IR	IR	SE2			Common Matrimony Vine	SOLANACEAE	
IH		<i>Lycium chinense</i>					IH							SE1			Chinese Matrimony Vine	SOLANACEAE	
IR		<i>Nicandra physalodes</i>			IH						IH	IR	IR	SE1			Apple-of-peru	SOLANACEAE	
IR		<i>Nicotiana glauca</i>						IR						SE1			Jasmine Tobacco	SOLANACEAE	
IR		<i>Nicotiana longiflora</i>										IR		SE1			Long-flowered Tobacco	SOLANACEAE	records may be <i>N. glauca</i>
IR		<i>Nicotiana rustica</i>									IH	IR		SE1			Wild Tobacco	SOLANACEAE	
hyb		<i>Petunia x atkinsiana</i>										hyb	hyb	hyb			(<i>Petunia axillaris</i> X <i>Petunia integrifolia</i>)	SOLANACEAE	including <i>P. x hybrida</i>
IR		<i>Physalis grisea</i>	IR							IR	IH			SE1			Gray Ground-cherry	SOLANACEAE	including reports of <i>P. pubescens</i>
C		<i>Physalis heterophylla</i>	C	X	X	X	X	X	C	C	R	C	R	S4			Clammy Ground-cherry	SOLANACEAE	
R	cz	<i>Physalis longifolia</i>	X	R	R	X	R		R		H	R	R	S4			Long-leaved Ground-cherry	SOLANACEAE	including <i>P. subglabrata</i>
R	cz	<i>Physalis virginiana</i>	R	R	R				R		R		R	SU			Virginia Ground-cherry	SOLANACEAE	
IX		<i>Solanum carolinense</i>	IU	IX	IX	IX	IX		IR		IR		IH	SE3			Carolina Horse-nettle	SOLANACEAE	
IC		<i>Solanum dulcamara</i>	IC	IX	IX	IC	IC	IX	IC	IX	IC	IC	IC	SE5			Climbing Nightshade	SOLANACEAE	
IR		<i>Solanum lycopersicum</i>									IR	IR	IR	SE2			Garden Tomato	SOLANACEAE	formerly <i>Lycopersicon esculentum</i>

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IR		<i>Solanum nigrum</i>							IX		IX	IR	IR	SE1			Black Nightshade	SOLANACEAE	most Ontario reports of <i>S. nigrum</i> refer to <i>S. ptychanthum</i>
IR		<i>Solanum physalifolium</i>	IR	IR	IR	IR	IH		IR			IR	IR	SE2			Hairy Nightshade	SOLANACEAE	including reports of <i>S. sarrachoides</i>
C		<i>Solanum ptychanthum</i>	C	X	X	X	X	X	C	C	U	C	R	S5			Black Nightshade	SOLANACEAE	
IR		<i>Solanum rostratum</i>	IH		IX						IH	IR	IR	SE1			Buffalo Bur	SOLANACEAE	
IR		<i>Solanum tuberosum</i>				IR						IR		SE1			White Potato	SOLANACEAE	
IR		<i>Forsythia viridissima</i>		IR		IR					IR		IR	SE2			Green-stemmed Forsythia	OLEACEAE	
C		<i>Fraxinus americana</i>	C	X	X	C	C	X	C	C	C	C	C	S4			White Ash	OLEACEAE	
IR		<i>Fraxinus excelsior</i>									IR	IR	IR	SE2			European Ash	OLEACEAE	
C		<i>Fraxinus nigra</i>	C	X	X	X	X	X	C	U	U	C	C	S4			Black Ash	OLEACEAE	
C		<i>Fraxinus pennsylvanica</i>	C	X	X	C	C	X	C	C	C	C	C	S4			Green Ash	OLEACEAE	including var. <i>subintegerrima</i> (Red Ash)
R	CZ	<i>Fraxinus profunda</i>	R	R	R	?	R		R		R			S2?			Pumpkin Ash	OLEACEAE	
R	CZ	<i>Fraxinus quadrangulata</i>	R	R	R	R	R							S2?	THR	THR	Blue Ash	OLEACEAE	
IR		<i>Ligustrum obtusifolium</i>		IR										SE1			Border Privet	OLEACEAE	
IX		<i>Ligustrum vulgare</i>	IU	IX	IX	IX	IR	IX	IR	IX	IC	IX	IU	SE5			European Privet	OLEACEAE	
IR		<i>Syringa reticulata</i>										IR	IR	SE1			Peking Tree Lilac	OLEACEAE	ssp. <i>pekinensis</i> , including <i>S. pekinense</i>
IX		<i>Syringa vulgaris</i>	IR		IX	IX	IR	IX	IC	IX	IC	IR	IC	SE5			Common Lilac	OLEACEAE	
IR		<i>Antirrhinum majus</i>							IR		IR	IR	IR	SE1			Garden Snapdragon	PLANTAGINACEAE	
H		<i>Callitriche hermaphroditica</i>										H		S4?			Autumnal Water-starwort	PLANTAGINACEAE	
H		<i>Callitriche heterophylla</i>									H			S2S3			Large Water-starwort	PLANTAGINACEAE	
R		<i>Callitriche palustris</i>			H	R	R	R	R		H	U		S5			Vernal Water-starwort	PLANTAGINACEAE	including <i>C. verna</i>
IC		<i>Chaenorhinum minus</i>	IC	IX	IX	IC	IC	IX	IC	IX	IU	IX	IR	SE5			Dwarf Snapdragon	PLANTAGINACEAE	
C		<i>Chelone glabra</i>	C	X	X	X	X	X	C	C	C	C	C	S5			White Turtlehead	PLANTAGINACEAE	
IR		<i>Collinsia parviflora</i>			IR									S4			Small-flowered Blue-eyed Mary	PLANTAGINACEAE	introduced in CZ
H	CZ	<i>Collinsia verna</i>				H	H	H						SX	EXP	EXP	Spring Blue-eyed Mary	PLANTAGINACEAE	
IR		<i>Cymbalaria muralis</i>					IR		IR		IR		IR	SE1			Kenilworth Ivy	PLANTAGINACEAE	
IR		<i>Digitalis grandiflora</i>										IR		SE1			Yellow Foxglove	PLANTAGINACEAE	
IR		<i>Digitalis lanata</i>											IR	SE1			Grecian Foxglove	PLANTAGINACEAE	
U		<i>Gratiola neglecta</i>				R	R		U		U	U		S4			Clammy Hedge-hyssop	PLANTAGINACEAE	
R		<i>Hippuris vulgaris</i>									R		H	S5			Common Mare's-tail	PLANTAGINACEAE	
IR		<i>Kickxia elatine</i>				IR						IR	IR	SE1			Sharp-leaved Cancerwort	PLANTAGINACEAE	
IR		<i>Kickxia spuria</i>										IR	IR	SE1			Round-leaved Cancerwort	PLANTAGINACEAE	
R	CZ	<i>Leucospora multifida</i>	R	R		IR	IR							S1			Cliff Conobea	PLANTAGINACEAE	formerly Conobea multifida

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IR		<i>Linaria dalmatica</i>	IR		IX	IR					IR	IR		SE3			Dalmatian Toadflax	PLANTAGINACEAE	ssp. dalmatica; including <i>L. genistifolia</i>
IC		<i>Linaria vulgaris</i>	IC	IX	IX	IC	IC	IX	IC	IX	IC	IC	IC	SE5			Butter-and-eggs	PLANTAGINACEAE	
IH		<i>Misopates orontium</i>									IH			SEH			Lesser Snapdragon	PLANTAGINACEAE	formerly <i>Antirrhinum orontium</i>
R	cz	<i>Nuttallanthus canadensis</i>					H			?	R		H	S1			Old-field Toadflax	PLANTAGINACEAE	formerly <i>Linaria canadensis</i>
U		<i>Penstemon digitalis</i>	R	R	X	X	R	X	U	R	U	C	R	SE4			Foxglove Beardtongue	PLANTAGINACEAE	sometimes considered introduced to Ontario and some CZ populations are likely non-native
U		<i>Penstemon hirsutus</i>	C	R	R	R	R		R	U	U	C	R	S4			Hairy Beardtongue	PLANTAGINACEAE	
IH		<i>Penstemon tubaeiflorus</i>			IH	IH								SEH			Tube Beardtongue	PLANTAGINACEAE	
IR		<i>Plantago arenaria</i>	IR		IX		IR	IX	IR		IR	IR	IR	SE4			Sand Plantain	PLANTAGINACEAE	including <i>P. psyllium</i>
IH		<i>Plantago aristata</i>		IH	IH									SE1			Large-bracted Plantain	PLANTAGINACEAE	
R	CZ	<i>Plantago cordata</i>	H		R	R								S1	END	END	Heart-leaved Plantain	PLANTAGINACEAE	
IC		<i>Plantago lanceolata</i>	IC	IX	IX	IC	IC	IX	IC	IX	IC	IC	IC	SE5			English Plantain	PLANTAGINACEAE	
IC		<i>Plantago major</i>	IU	IX	IX	IC	IC	IX	IC	IX	IC	IC	IC	SE5			Common Plantain	PLANTAGINACEAE	introduced in CZ
IR		<i>Plantago media</i>				IR	IR						IX	SE3			Hoary Plantain	PLANTAGINACEAE	
C		<i>Plantago rugelii</i>	C	X	X	C	C	X	C	C	C	C	C	S5			Rugel's Plantain	PLANTAGINACEAE	
IR		<i>Plantago virginica</i>	IR	IR	IH									SE1			Virginia Plantain	PLANTAGINACEAE	
IX		<i>Veronica agrestis</i>										IR	IX	SE1			Field Speedwell	PLANTAGINACEAE	reports from CZ are mostly or entirely <i>V. polita</i>
U		<i>Veronica americana</i>			R	X	X	X	U	R	R	C	R	S5			American Speedwell	PLANTAGINACEAE	
IX		<i>Veronica anagallis-aquatica</i>	IR	IX	IX	IX	IR	IX	IU	IX	IR	IX	IU	SE			Water Speedwell	PLANTAGINACEAE	introduced vs. native status uncertain
IC		<i>Veronica arvensis</i>	IC	IX	IX	IX	IX	IX	IC	IX	IU	IX	IR	SE5			Corn Speedwell	PLANTAGINACEAE	
IX		<i>Veronica beccabunga</i>			IX	IR	IR					IX		SE2			European Speedwell	PLANTAGINACEAE	
R		<i>Veronica catenata</i>					R		R			R	R	SU			Water Speedwell	PLANTAGINACEAE	sometimes included in <i>V. anagallis-aquatica</i>
IR		<i>Veronica chamaedrys</i>			IR	IR		IR	IR	IR	IR		IR	SE3			Germander Speedwell	PLANTAGINACEAE	
IR		<i>Veronica filiformis</i>				IR	IR					IR	IR	SE2			Slender Speedwell	PLANTAGINACEAE	
IR		<i>Veronica hederifolia</i>	IR											SE1			Ivy-leaved Speedwell	PLANTAGINACEAE	
IR		<i>Veronica longifolia</i>			IR	IR		IX	IR	IX	IR	IR	IR	SE3			Long-leaved Speedwell	PLANTAGINACEAE	
IX		<i>Veronica officinalis</i>		IX	IX	IX	IX	IX	IC	IX	IC	IC	IC	SE5			Common Speedwell	PLANTAGINACEAE	
C		<i>Veronica peregrina</i> ssp. <i>peregrina</i>	C	R	X	R	X	X	C	IX	U	U	IR	S5			Purslane Speedwell	PLANTAGINACEAE	weedy; most or all CZ populations likely introduced
R		<i>Veronica peregrina</i> ssp. <i>xalapensis</i>	R						R	R				S4			Glandular Purslane Speedwell	PLANTAGINACEAE	
IX		<i>Veronica persica</i>	IX	IR	IX	IR			IR		IR	IX	IR	SE4			Bird's-eye Speedwell	PLANTAGINACEAE	
IX		<i>Veronica polita</i>	IR	IR	IX	IX	IX	IX		IX	IR	IX	IH	SE4			Wayside Speedwell	PLANTAGINACEAE	
U		<i>Veronica scutellata</i>	R	R	H	R	R	X	C	C	U	C	R	S5			Marsh Speedwell	PLANTAGINACEAE	
IC		<i>Veronica serpyllifolia</i>	IC	IX	IX	IX	IX	IX	IC	IX	IC	IX	IC	SE5?			Thyme-leaved Speedwell	PLANTAGINACEAE	
IH		<i>Veronica spicata</i>									IH			SEH			Spiked Speedwell	PLANTAGINACEAE	ssp. <i>incana</i>

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IR		<i>Veronica teucrium</i>		IR										SE1			Broad-leaved Speedwell	PLANTAGINACEAE	including <i>V. austriaca</i> ssp. <i>teucrium</i>
IR		<i>Veronica verna</i>	IR	IR	IX			IR	IR				IU	SE4			Spring Speedwell	PLANTAGINACEAE	
R	CZ	<i>Veronicastrum virginicum</i>	R	R	R	R								S2			Culver's Root	PLANTAGINACEAE	
IR		<i>Buddleja davidii</i>							IR					SE1			Orange-eye Butterfly-bush	SCROPHULARIACEAE	
R		<i>Scrophularia lanceolata</i>	R		R	R	R	X		R	R			S4			Hare Figwort	SCROPHULARIACEAE	
R	cz	<i>Scrophularia marilandica</i>	U	R	R	X	R	X	U	R	R	C	R	S4			Carpenter's Square Figwort	SCROPHULARIACEAE	
IX		<i>Verbascum blattaria</i>	IC	IX	IX	IC	IC	IX	IU	IX	IU	IX	IR	SE5			Moth Mullein	SCROPHULARIACEAE	
IH		<i>Verbascum lychnitis</i>	IH											SE1			White Mullein	SCROPHULARIACEAE	
IR		<i>Verbascum nigrum</i>										IR	IR	SE1			Black Mullein	SCROPHULARIACEAE	
IR		<i>Verbascum phlomoides</i>			IR		IH			IR		IR	IR	SE1			Clasping-leaved Mullein	SCROPHULARIACEAE	
IC		<i>Verbascum thapsus</i>	IC	IX	IX	IC	IC	IX	IC	IX	IC	IC	IC	SE5			Common Mullein	SCROPHULARIACEAE	
U		<i>Lindernia dubia</i>	C	R	R	R	R	X	U	R	R	C	R	S4			Yellow-seeded False Pimpernel	LINDERNIACEAE	including var. <i>anagallidea</i>
IR		<i>Agastache foeniculum</i>											IR	S4			Blue Giant Hyssop	LAMIACEAE	introduced in CZ
R	cz	<i>Agastache nepetoides</i>	C	R	R	R	R			R	R	R	H	S4			Yellow Giant Hyssop	LAMIACEAE	
R	CZ	<i>Agastache scrophulariifolia</i>	R	H						?	H			S1			Purple Giant Hyssop	LAMIACEAE	
IR		<i>Ajuga genevensis</i>											IR	SE1			Geneva Bugleweed	LAMIACEAE	
IR		<i>Ajuga reptans</i>	IR	IR	IX					IX	IR		IR	SE2			Creeping Bugleweed	LAMIACEAE	
IR		<i>Ballota nigra</i>				IH						IR		SE1			Black Horehound	LAMIACEAE	
R	CZ	<i>Blephilia ciliata</i>	R		H									S1			Downy Wood Mint	LAMIACEAE	
R	CZ	<i>Blephilia hirsuta</i>			H	R								S1			Hairy Wood Mint	LAMIACEAE	
IR		<i>Clinopodium acinos</i>			IX	IX		IX					IX	IR	SE5		Spring Savory	LAMIACEAE	formerly <i>Acinos arvensis</i> , <i>Satureja acinos</i>
R		<i>Clinopodium arkansanum</i>							R	R	R			S4			Low Calamint	LAMIACEAE	formerly <i>Satureja arkansanum</i>
C		<i>Clinopodium vulgare</i>	U	X	X	X	X	X	C	C	C	C	C	S5			Field Basil	LAMIACEAE	formerly <i>Satureja vulgaris</i>
C	cz	<i>Collinsonia canadensis</i>	C	X	R	X	X	X	C	C	C	C	R	S4			Canada Horse-balm	LAMIACEAE	
IR		<i>Dracocephalum parviflorum</i>											IR	S4			American Dragonhead	LAMIACEAE	presumably introduced in CZ (Toronto)
IR		<i>Galeopsis tetrahit</i>	IR		IX	IX	IX	IX	IR		IR	IX	IU	SE5			Common Hemp-nettle	LAMIACEAE	some records might be <i>G. bifida</i>
IC		<i>Glechoma hederacea</i>	IC	IX	IX	IX	IX		IC	IX	IC	IC	IC	SE5			Ground Ivy	LAMIACEAE	
R		<i>Hedeoma hispida</i>		R					R			R	H	S4			Rough Pennyroyal	LAMIACEAE	
U	cz	<i>Hedeoma pulegioides</i>	R		R	R	R	X	U		U	C	R	S4			American Pennyroyal	LAMIACEAE	
IR		<i>Hyssopus officinalis</i>				IH				IX	IH		IR	SE2			Hyssop	LAMIACEAE	
IR		<i>Lamium galeobdolon</i>							IR				IR	SE1			Yellow Archangel	LAMIACEAE	

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IH		<i>Lamium album</i>										IH		SE1			White Deadnettle	LAMIACEAE	
IR		<i>Lamium amplexicaule</i>	IR	IX	IX	IR	IR	IX	IR		IR	IX	IR	SE3			Common Deadnettle	LAMIACEAE	
IR		<i>Lamium maculatum</i>			IX			IX					IR	SE2			Spotted Deadnettle	LAMIACEAE	
IR		<i>Lamium purpureum</i>	IU		IX	IR	IR		IR	IX	IR	IX	IR	SE3			Purple Deadnettle	LAMIACEAE	
IC		<i>Leonurus cardiaca</i>	IC	IX	IX	IC	IC	IX	IC	IX	IC	IC	IC	SE5			Common Motherwort	LAMIACEAE	
C		<i>Lycopus americanus</i>	C	X	X	C	C	X	C	C	C	C	C	S5			American Water-horehound	LAMIACEAE	
R		<i>Lycopus asper</i>	U	X	R				R			R	R	S4			Rough Water-horehound	LAMIACEAE	native status uncertain, some or all populations likely introduced from further west
IU		<i>Lycopus europaeus</i>	IR		IX				IU	IX	IU	IX	IU	SE5			European Water-horehound	LAMIACEAE	
R	CZ	<i>Lycopus rubellus</i>	R	R	R		R		U		R			S3			Taper-leaved Water-horehound	LAMIACEAE	
C		<i>Lycopus uniflorus</i>	C	X	X	C	C	X	C	C	C	C	C	S5			Northern Water-horehound	LAMIACEAE	
R	cz	<i>Lycopus virginicus</i>	R	R	R	R	R		R	?	R	R		S3			Virginia Water-horehound	LAMIACEAE	
hyb		<i>Lycopus x sherardii</i>	hyb		hyb									hyb			(<i>Lycopus uniflorus</i> X <i>Lycopus virginicus</i>)	LAMIACEAE	
IR		<i>Marrubium vulgare</i>	IR		IH	IR				IX	IH			SE2			Common Horehound	LAMIACEAE	
IR		<i>Melissa officinalis</i>				IR					IR	IR	IR	SE1			Lemon Balm	LAMIACEAE	
IR		<i>Mentha aquatica</i>											IR	SE1			Water Mint	LAMIACEAE	
C		<i>Mentha canadensis</i>	C	X	X	X	X	X	C	C	C	C	C	S5			Canada Mint	LAMIACEAE	including reports of <i>M. arvensis</i>
IR		<i>Mentha spicata</i>	IR	IX	IX	IX	IX				IR	IX	IR	SE4			Spearmint	LAMIACEAE	
IR		<i>Mentha suaveolens</i>				IR								SE1			Apple Mint	LAMIACEAE	
hyb		<i>Mentha x gentilis</i>	hyb								hyb	hyb	hyb	hyb			(<i>Mentha arvensis</i> ssp. <i>arvensis</i> X <i>Mentha spicata</i>)	LAMIACEAE	
hyb		<i>Mentha x piperita</i>	hyb		hyb	hyb	hyb	hyb	hyb	hyb	hyb	hyb	hyb	hyb			(<i>Mentha aquatica</i> X <i>Mentha spicata</i>)	LAMIACEAE	
hyb		<i>Mentha x villosa</i>	hyb											hyb			(<i>Mentha spicata</i> X <i>Mentha suaveolens</i>)	LAMIACEAE	
R	cz	<i>Monarda didyma</i>	H	R	R	U	R	X	R	R	H	R	R	S3			Scarlet Beebalm	LAMIACEAE	often planted and some populations are escapes from cultivation
C		<i>Monarda fistulosa</i>	C	X	X	C	C	X	C	C	C	C	U	SU			Wild Bergamot	LAMIACEAE	all CZ records assumed to be var. <i>fistulosa</i>
R	CZ	<i>Monarda punctata</i>				R			R					S1			Spotted Beebalm	LAMIACEAE	
hyb		<i>Monarda x media</i>					hyb		hyb					hyb			(<i>Monarda didyma</i> X <i>Monarda fistulosa</i> var. <i>fistulosa</i>)	LAMIACEAE	
IC		<i>Nepeta cataria</i>	IC	IX	IX	IC	IC	IR	IC	IX	IC	IX	IC	SE5			Catnip	LAMIACEAE	
IX		<i>Origanum vulgare</i>			IX	IU	IR		IR	IX	IR	IX	IR	SE5			Wild Marjoram	LAMIACEAE	
IR		<i>Perilla frutescens</i>											IR	SE1			Beef-steak Plant	LAMIACEAE	
R		<i>Physostegia virginiana</i>	R		R	R	R		R		R	R	R	S4			Virginia False Dragonhead	LAMIACEAE	often planted, obscuring the original natural distribution

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C		<i>Prunella vulgaris</i> <i>ssp. lanceolata</i>	C	X	X	C	C	X	C	C	C	C	C	S5			Lance-leaved Self-heal	LAMIACEAE	
IR		<i>Prunella vulgaris</i> <i>ssp. vulgaris</i>									IX	IX	IX	SE3			Common Self-heal	LAMIACEAE	
R	CZ	<i>Pycnanthemum</i> <i>incanum</i>										R	R	S1	END	END	Hoary Mountain-mint	LAMIACEAE	
R	cz	<i>Pycnanthemum</i> <i>tenuifolium</i>	R	R	R	R	R		R		H		R	S3			Slender Mountain-mint	LAMIACEAE	
R	CZ	<i>Pycnanthemum</i> <i>verticillatum</i> var. <i>pilosum</i>	R	R					R					S1			Hairy Mountain-mint	LAMIACEAE	sometimes called <i>P. pilosum</i>
R	cz	<i>Pycnanthemum</i> <i>verticillatum</i> var. <i>verticillatum</i>		?			H		R			R		S1?			Whorled Mountain-mint	LAMIACEAE	
U	cz	<i>Pycnanthemum</i> <i>virginianum</i>	C	X	X	R	R		U	U	R	U	R	S4			Virginia Mountain-mint	LAMIACEAE	
IR		<i>Salvia nemorosa</i>	IR	IR		IH	IR					IR		SE1			Wood Sage	LAMIACEAE	
IR		<i>Salvia pratensis</i>										IR		SE2			Meadow Sage	LAMIACEAE	
IR		<i>Salvia reflexa</i>	IR									IR	IR	SE1			Lance-leaved Sage	LAMIACEAE	
IR		<i>Satureja hortensis</i>	IR		IH						IR	IR	IR	SE2			Summer Savory	LAMIACEAE	
C		<i>Scutellaria</i> <i>galericulata</i>	C	X	X	X	X	X	C	C	U	C	R	S5			Hooded Skullcap	LAMIACEAE	including <i>S. epilobiifolia</i>
C		<i>Scutellaria lateriflora</i>	C	X	X	X	X	X	C	C	C	C	R	S5			Mad Dog Skullcap	LAMIACEAE	
R	CZ	<i>Scutellaria nervosa</i>	R											S1			Veined Skullcap	LAMIACEAE	
R		<i>Scutellaria parvula</i> var. <i>missouriensis</i>				R								S3			Leonard's Small Skullcap	LAMIACEAE	including <i>S. leonardii</i>
R		<i>Scutellaria parvula</i> var. <i>parvula</i>	R		R	R	R		R		R		H	S4			Small Skullcap	LAMIACEAE	
IR		<i>Stachys byzantina</i>										IR		SE1			Woolly Hedge-nettle	LAMIACEAE	
IR		<i>Stachys germanica</i>										IR		SE1			German Hedge-nettle	LAMIACEAE	
R		<i>Stachys hispida</i>	C	R	R	R	R		U	R	R	R	R	S4			Hispid Hedge-nettle	LAMIACEAE	including <i>S. tenuifolia</i>
IX		<i>Stachys palustris</i>	IX	IX	IX	IX	IX		IU		IH	IX	IR	SE5			Marsh Hedge-nettle	LAMIACEAE	
R		<i>Stachys pilosa</i>	H				R							SU			Sand Hedge-nettle	LAMIACEAE	var. <i>arenicola</i>
IR		<i>Stachys sylvatica</i>				IR								SE1			Whitespot	LAMIACEAE	
IH		<i>Teucrium botrys</i>				IH								SE1			Cut-leaved Germander	LAMIACEAE	
U		<i>Teucrium canadense</i> <i>ssp. canadense</i>	C	R	X	R	U		U	U	R	U	R	SU			Canada Germander	LAMIACEAE	
R		<i>Teucrium canadense</i> <i>ssp. viscidum</i>	X	R	?						H	R		SU			Western Germander	LAMIACEAE	including <i>T. occidentale</i>
IR		<i>Thymus praecox</i>			IX	IR				IX		IR	IR	SE3			Creeping Thyme	LAMIACEAE	
IR		<i>Thymus pulegioides</i>				IR								SE1			Lemon Thyme	LAMIACEAE	
R		<i>Trichostema</i> <i>brachiatum</i>	R						R		R	U		S4			False Pennyroyal	LAMIACEAE	formerly <i>Isanthus brachiatus</i>
R	CZ	<i>Trichostema</i> <i>dichotomum</i>					IR		R					S1			Forked Bluecurls	LAMIACEAE	
H		<i>Erythranthe geyeri</i>											H	S1			Geyer's Yellow Monkeyflower	PHRYMACEAE	formerly <i>Mimulus glabratus</i>

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H		<i>Erythranthe moschata</i>											H	S1S2			Musk Monkeyflower	PHRYMACEAE	formerly <i>Mimulus moschatus</i>
R	CZ	<i>Mimulus alatus</i>	R	R			R		R		R			S2			Sharp-winged Monkeyflower	PHRYMACEAE	
C		<i>Mimulus ringens</i>	C	X	R	X	X	X	C	C	C	C	X	S5			Square-stemmed Monkeyflower	PHRYMACEAE	
R		<i>Agalinis gattingeri</i>			R						H			S2S3	END	END	Gattinger's False Foxglove	OROBANCHACEAE	
R		<i>Agalinis purpurea</i> var. <i>parviflora</i>	R	R	R		R	X	R	R	R		R	S4S5			Small-flowered Purple False Foxglove	OROBANCHACEAE	sometimes called <i>A. paupercula</i>
R	CZ	<i>Agalinis purpurea</i> var. <i>purpurea</i>	R	R	R				R				H	S1			Large-flowered Purple False Foxglove	OROBANCHACEAE	
R	CZ	<i>Agalinis skinneriana</i>	R		R									S1	END	END	Skinner's False Foxglove	OROBANCHACEAE	
U		<i>Agalinis tenuifolia</i>	R	R	R	R	C	X	C	R	R	R	R	S4S5			Slender-leaved False Foxglove	OROBANCHACEAE	
R	cz	<i>Aureolaria flava</i>	R		R	R			R	R	H	R	R	S2?			Smooth Yellow False Foxglove	OROBANCHACEAE	
R	cz	<i>Aureolaria pedicularia</i>	R	R	R				R	R	H	R	R	S2?			Fern-leaved Yellow False Foxglove	OROBANCHACEAE	
R	cz	<i>Aureolaria virginica</i>							R	R	H	R		S1			Downy Yellow False Foxglove	OROBANCHACEAE	
R	CZ	<i>Buchnera americana</i>			R									S1	END	END	American Bluehearts	OROBANCHACEAE	
R		<i>Castilleja coccinea</i>	H	R	R	R	R		R	H	R	R	H	S4S5			Scarlet Paintbrush	OROBANCHACEAE	
R		<i>Conopholis americana</i>	R	R	R	R	R		R	R	U	R	R	S4			Squaw-root	OROBANCHACEAE	
C		<i>Epifagus virginiana</i>	R	X	R	C	C	X	C	U	C	C	U	S5			Beechdrops	OROBANCHACEAE	
R		<i>Melampyrum lineare</i>		R	R	R	R	X	C	C	U	R	R	S5			American Cow-wheat	OROBANCHACEAE	
IR		<i>Odontites vulgaris</i>			IR	IR			IR					SE2			Red Odontites	OROBANCHACEAE	including <i>O. serotina</i> , <i>O. verna</i>
R		<i>Orobanche uniflora</i>	R	R	X	R	R		R	R	R	R	R	S4			One-flowered Broomrape	OROBANCHACEAE	
U		<i>Pedicularis canadensis</i>	U	R	X	X	X	X	U	R	R	C	R	S5			Canada Lousewort	OROBANCHACEAE	
R	cz	<i>Pedicularis lanceolata</i>	R	R	X	X	R				R		H	S4			Swamp Lousewort	OROBANCHACEAE	
R		<i>Utricularia cornuta</i>			R	R			R		H			S5			Horned Bladderwort	LENTIBULARIACEAE	
R		<i>Utricularia gibba</i>	R	R	R			X	R		H			S4			Humped Bladderwort	LENTIBULARIACEAE	
R		<i>Utricularia intermedia</i>	R	R	R				R		R	R	H	S5			Flat-leaved Bladderwort	LENTIBULARIACEAE	
R		<i>Utricularia minor</i>	R	R	R		R		R			R	R	S5			Lesser Bladderwort	LENTIBULARIACEAE	
R		<i>Utricularia purpurea</i>		R										S4			Purple Bladderwort	LENTIBULARIACEAE	
R		<i>Utricularia resupinata</i>	H		R				R					S4			Northeastern Bladderwort	LENTIBULARIACEAE	
U		<i>Utricularia vulgaris</i>	U	R	R	R	R	X	C	X	U	U	R	S5			Greater Bladderwort	LENTIBULARIACEAE	
R	cz	<i>Justicia americana</i>	R	R			R		R		R			S2	THR	THR	American Water-willow	ACANTHACEAE	

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R	CZ	<i>Campsis radicans</i>	R	R		IR					IR	IR		S2?			Trumpet Creeper	BIGNONIACEAE	some CZ populations are likely escapes from cultivation
IR		<i>Catalpa bignonioides</i>					IR		IR		IR			SE1			Southern Catalpa	BIGNONIACEAE	
IR		<i>Catalpa ovata</i>				IR	IR					IR		SE1			Chinese Catalpa	BIGNONIACEAE	
IR		<i>Catalpa speciosa</i>	?	IR			IR	IX		IX	IR	IR	IR	SE1			Northern Catalpa	BIGNONIACEAE	
C		<i>Phryma leptostachya</i>	C	X	X	X	X		C	C	C	C	R	S4S5			Lopseed	VERBENACEAE	
R	CZ	<i>Phyla lanceolata</i>	R	R	R									S2?			Northern Fogfruit	VERBENACEAE	including <i>Lippia lanceolata</i>
IR		<i>Verbena bracteata</i>	IR	IR	IR	IR	IR	IX	IR	IR		IR	IX	SE3			Large-bracted Vervain	VERBENACEAE	
C		<i>Verbena hastata</i>	C	X	X	C	C	X	C	C	C	C	C	S5			Blue Vervain	VERBENACEAE	
IR		<i>Verbena incompta</i>										IR	IR	SE1			Common Claspng Vervain	VERBENACEAE	including reports of <i>V. bonariensis</i>
R	cz	<i>Verbena simplex</i>	R		H		R		H		H	R	IR	S4			Narrow-leaved Vervain	VERBENACEAE	
R		<i>Verbena stricta</i>	R	R	R	R	R	X	R	R	R		R	S4			Hoary Vervain	VERBENACEAE	
C		<i>Verbena urticifolia</i>	C	X	X	X	X	X	C	C	C	C	C	S5			White Vervain	VERBENACEAE	
hyb		<i>Verbena x deamii</i>			hyb									hyb			(<i>Verbena bracteata</i> X <i>Verbena stricta</i>)	VERBENACEAE	including <i>V. x dodgei</i>
hyb		<i>Verbena x engelmannii</i>	hyb		hyb	hyb	hyb		hyb					hyb			(<i>Verbena hastata</i> X <i>Verbena urticifolia</i>)	VERBENACEAE	
hyb		<i>Verbena x rydbergii</i>		hyb				hyb						hyb			(<i>Verbena hastata</i> X <i>Verbena stricta</i>)	VERBENACEAE	
IH		<i>Proboscidea louisiana</i>									IH	IH		SE1			Louisiana Unicorn-plant	MARTYNIACEAE	
R		<i>Ilex mucronata</i>			H	X	R	X	R	R	R	R	?	S5			Mountain Holly	AQUIFOLIACEAE	formerly <i>Nemopanthus mucronata</i>
C		<i>Ilex verticillata</i>	C	X	X	X	X	X	C	C	C	C	R	S5			Black Holly	AQUIFOLIACEAE	
U	cz	<i>Campanula americana</i>	C	X	R	R	U		R	R	R	C	R	S4			Tall Bellflower	CAMPANULACEAE	
R		<i>Campanula aparinoides</i>	R	R	X	R	R	X	U	U	R	R	R	S5			Marsh Bellflower	CAMPANULACEAE	including <i>C. uliginosa</i>
R		<i>Campanula gieseckeana</i>	R		R	R	R		U	R	R	U	R	S5			Giesecke's Bellflower	CAMPANULACEAE	including reports of <i>C. rotundifolia</i>
IR		<i>Campanula glomerata</i>							IR					SE1			Clustered Bellflower	CAMPANULACEAE	
IR		<i>Campanula persicifolia</i>											IR	SE1			Peach-leaved Bellflower	CAMPANULACEAE	
IU		<i>Campanula rapunculoides</i>	IU	IX	IX	IR	IR	IX	IU	IX	IR	IC	IX	SE5			Creeping Bellflower	CAMPANULACEAE	
IR		<i>Campanula trachelium</i>											IR	SE1			Nettle-leaved Bellflower	CAMPANULACEAE	
U		<i>Lobelia cardinalis</i>	U	X	R	X	R	X	U	R	R	C	H	S5			Cardinalflower	CAMPANULACEAE	
C		<i>Lobelia inflata</i>	U	X	R	X	U		C	C	C	C	U	S5			Indian-tobacco	CAMPANULACEAE	
R		<i>Lobelia kalmii</i>		R	X	R	R	X	U	R	R	R	R	S5			Kalm's Lobelia	CAMPANULACEAE	
C		<i>Lobelia siphilitica</i>	C	X	X	X	X		C	C	X	C	R	S5			Great Blue Lobelia	CAMPANULACEAE	
R		<i>Lobelia spicata</i>	R	R	X	R	R		U	R	H	U		S4			Pale-spike Lobelia	CAMPANULACEAE	

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hyb		<i>Lobelia x speciosa</i>							hyb					hyb			(<i>Lobelia cardinalis</i> X <i>Lobelia siphilitica</i>)	CAMPANULACEAE	
R	cz	<i>Triodanis perfoliata</i>	U		R	H	R		R		H		R	S4			Clasping-leaved Venus' Looking-glass	CAMPANULACEAE	
R		<i>Menyanthes trifoliata</i>			R	R	R	X	R	R	R	R	H	S5			Bog Buckbean	MENYANTHACEAE	
IR		<i>Nymphoides peltata</i>							IR					SE1			Yellow Floatingheart	MENYANTHACEAE	
IH		<i>Acanthospermum hispidum</i>		IH										SEH			Hispid Starbur	ASTERACEAE	
C		<i>Achillea borealis</i>	C	X	X	C	C	X	C	X	C	C	C	S5			Woolly Yarrow	ASTERACEAE	formerly <i>A. lanulosa</i> ; some possible confusion with <i>A. millefolium</i>
IX		<i>Achillea millefolium</i>						IX					IX	SE			Common Yarrow	ASTERACEAE	status vs. <i>A. borealis</i> uncertain
IR		<i>Achillea ptarmica</i>											IR	SE2?			Sneezeweed Yarrow	ASTERACEAE	
C		<i>Ageratina altissima</i>	C	X	X	C	C	X	U	C	C	C	C	S5			White Snakeroot	ASTERACEAE	formerly <i>Eupatorium rugosum</i>
C		<i>Ambrosia artemisiifolia</i>	C	X	X	C	C	X	C	C	C	C	C	S5			Annual Ragweed	ASTERACEAE	
IR		<i>Ambrosia psilostachya</i>	IH	IR	IR	IR	IR	IX	IR					SE4			Perennial Ragweed	ASTERACEAE	
C		<i>Ambrosia trifida</i>	C	X	X	C	C	X	U	C	C	U	U	S5			Great Ragweed	ASTERACEAE	
hyb		<i>Ambrosia x helenae</i>											hyb	hyb			(<i>Ambrosia artemisiifolia</i> X <i>Ambrosia trifida</i>)	ASTERACEAE	
R		<i>Anaphalis margaritacea</i>	R		R	R	R		U	R	R	R	R	S5			Pearly Everlasting	ASTERACEAE	
U		<i>Antennaria howellii</i>	U	X	X	X	X		C	X	R	R	H	S5			Howell's Pussytoes	ASTERACEAE	ssp. status uncertain; ssp. <i>canadensis</i> , ssp. <i>neodioica</i> , and ssp. <i>petaloidea</i> are all reported from the CZ; confusion with <i>A. neglecta</i>
C		<i>Antennaria neglecta</i>	R	X	R	X	X	X	X	X	C	C	X	S5			Field Pussytoes	ASTERACEAE	some records may refer to <i>A. howellii</i>
C		<i>Antennaria parlinii</i> ssp. <i>fallax</i>	C	X	X	U	X	X	U	U	U	C	U	S5			Deceitful Pussytoes	ASTERACEAE	ssp. status uncertain
R		<i>Antennaria parlinii</i> ssp. <i>parlinii</i>	R	R									R	SU			Parlin's Pussytoes	ASTERACEAE	some confusion with ssp. <i>fallax</i>
IR		<i>Anthemis arvensis</i>	IR		IR		IR	IX	IU	IX	IR	IX	IX	SE5			Corn Chamomile	ASTERACEAE	
IU		<i>Anthemis cotula</i>	IR	IX	IX	IU	IX	IX	IC	IX	IR	IX	IR	SE5			Stinking Chamomile	ASTERACEAE	
IU		<i>Arctium lappa</i>	IR	IR	IX	IR	IR	IX	IU	IX	IU	IX	IC	SE5			Great Burdock	ASTERACEAE	
IC		<i>Arctium minus</i>	IC	IX	IX	IC	IC	IX	IC	IX	IC	IC	IC	SE5			Common Burdock	ASTERACEAE	
IR		<i>Arctium tomentosum</i>											IR	SE1			Woolly Burdock	ASTERACEAE	
R		<i>Arnoglossum plantagineum</i>			R	R								S2	SC	SC	Tuberous Indian-plantain	ASTERACEAE	formerly <i>Cacalia plantaginea</i>
IR		<i>Artemisia abrotanum</i>			IH								IR	SE1			Southern Wormwood	ASTERACEAE	
IR		<i>Artemisia absinthium</i>			IR	IX	IX	IX			IR	IR	IX	SE3?			Absinthe Wormwood	ASTERACEAE	
IR		<i>Artemisia annua</i>	IR								IH	IR	IR	SE1			Annual Wormwood	ASTERACEAE	

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IR		<i>Artemisia biennis</i>	IR	IR	IX	IR	IX	IX	IX		IU	IX	IX	SE5			Biennial Wormwood	ASTERACEAE	including CZ reports of <i>Tagetes minuta</i>
R		<i>Artemisia campestris</i>	R	R	R	R	R	X	U	U	R		R	S4S5			Tall Wormwood	ASTERACEAE	ssp. <i>caudata</i> , sometimes called <i>A. caudata</i>
IH		<i>Artemisia dracunculus</i>											IH	S1			Dragon Wormwood	ASTERACEAE	introduced in CZ
IR		<i>Artemisia ludoviciana</i>	IR	IR	IX				IR			IR	IR	SU			Silver Wormwood	ASTERACEAE	introduced in CZ
IR		<i>Artemisia pontica</i>			IX	IR							IR	SE2?			Roman Wormwood	ASTERACEAE	
IR		<i>Artemisia stelleriana</i>	IR		IH									SE1			Beach Wormwood	ASTERACEAE	
IX		<i>Artemisia vulgaris</i>	IR		IX	IR	IR	IR	IR	IX	IU	IX	IR	SE5			Common Wormwood	ASTERACEAE	
IR		<i>Bellis perennis</i>			IH	IR	IR	IX			IR	IR	IR	SE5			Lawn Daisy	ASTERACEAE	
IR		<i>Bidens aristosa</i>	IR											SE1			Bearded Beggarticks	ASTERACEAE	
R		<i>Bidens beckii</i>	R		H				R		H	R	H	S5			Water-marigold	ASTERACEAE	sometimes called <i>Megalodonta beckii</i>
IH		<i>Bidens bipinnata</i>	IH											SEH			Spanish Needles	ASTERACEAE	
C		<i>Bidens cernua</i>	C	X	X	X	C	X	C	C	C	C	C	S5			Nodding Beggarticks	ASTERACEAE	
X		<i>Bidens connata</i>									X			S4?			Purple-stemmed Beggarticks	ASTERACEAE	status poorly known vs. <i>B. tripartita</i> ; some CZ records likely included with <i>B. tripartita</i>
R		<i>Bidens discoidea</i>	R	R	R	R	R	X	C	R	R	R	R	S4			Swamp Beggarticks	ASTERACEAE	
C		<i>Bidens frondosa</i>	C	X	X	X	C	X	C	C	C	C	C	S5			Devil's Beggarticks	ASTERACEAE	
IH		<i>Bidens polylepis</i>				IH								SEH			Awnless Beggarticks	ASTERACEAE	
R	CZ	<i>Bidens trichosperma</i>	R	R	R	H			R		R			S2			Crowned Beggarticks	ASTERACEAE	formerly <i>B. coronata</i>
C		<i>Bidens tripartita</i>	C	X	R	X	X	X	C	C	X	C	R	S5			Three-parted Beggarticks	ASTERACEAE	including reports of <i>B. comosa</i> ; status poorly known vs. <i>B. connata</i>
C		<i>Bidens vulgata</i>	C	R	R	X	X	X	C		U	C	R	S5			Tall Beggarticks	ASTERACEAE	
IR		<i>Calendula officinalis</i>											IR	SE1			Garden-pot Marigold	ASTERACEAE	
IR		<i>Carduus acanthoides</i>	IR			IR		IX	IR	IX	IR	IX	IC	SE5			Spiny Plumeless Thistle	ASTERACEAE	
IR		<i>Carduus crispus</i>								?	IR		IR	SE2?			Curled Thistle	ASTERACEAE	
IX		<i>Carduus nutans</i>	IR	IR				IX	IU	IX	IR	IX	IR	SE5			Nodding Thistle	ASTERACEAE	ssp. status poorly known; most or all in CZ is ssp. <i>nutans</i>
hyb		<i>Carduus x orthocephalus</i>										hyb		hyb			(<i>Carduus acanthoides</i> X <i>Carduus nutans</i>)	ASTERACEAE	
IR		<i>Centaurea calcitrapa</i>				IH							IR	SE1			Purple Starthistle	ASTERACEAE	
IR		<i>Centaurea cyanus</i>	IH		IH				IR		IH	IR	IR	SE1			Bachelor's Button	ASTERACEAE	
IR		<i>Centaurea diffusa</i>						IR			IR		IR	SE1			Diffuse Knapweed	ASTERACEAE	
IX		<i>Centaurea jacea</i>		IX	IX	IX	IX	IX	IR	IX	IU	IX	IR	SE5			Brown Knapweed	ASTERACEAE	
IX		<i>Centaurea nigra</i>			IX	IX	IX	IX	IR	IX	IU	IX	IR	SE5?			Black Knapweed	ASTERACEAE	
IX		<i>Centaurea nigrescens</i>			IR	IX	IX			IX	IR	IX		SE5			Short-fringed Knapweed	ASTERACEAE	
IH		<i>Centaurea solstitialis</i>				IH								SE1			Yellow Starthistle	ASTERACEAE	
IC		<i>Centaurea stoebe</i>	IU	IX	IX	IX	IX	IX	IC	IX	IU	IX	IR	SE5			Spotted Knapweed	ASTERACEAE	formerly <i>C. maculosa</i>

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hyb		<i>Centaurea x moncktonii</i>		hyb	hyb	hyb	hyb		hyb		hyb	hyb	hyb	hyb			(<i>Centaurea jacea</i> X <i>Centaurea nigra</i>)	ASTERACEAE	formerly <i>C. x pratensis</i>
IR		<i>Chondrilla juncea</i>	IR				IR							SE1			Rush Skeletonweed	ASTERACEAE	
IC		<i>Cichorium intybus</i>	IC	IX	IX	IC	IC	IX	IC	IX	IC	IC	IC	SE5			Chicory	ASTERACEAE	
IC		<i>Cirsium arvense</i>	IC	IX	IX	IC	IC	IX	IC	IX	IC	IC	IC	SE5			Canada Thistle	ASTERACEAE	
R		<i>Cirsium discolor</i>	U	R	R	R	R	X	R	R	H	R	R	S3			Field Thistle	ASTERACEAE	
R		<i>Cirsium muticum</i>	R	R	R	X	X	X	C	C	R	R	R	S5			Swamp Thistle	ASTERACEAE	
R		<i>Cirsium pitcheri</i>			R									S2	SC	THR	Pitcher's Thistle	ASTERACEAE	
IC		<i>Cirsium vulgare</i>	IC	IX	IX	IX	IC	IX	IC	IX	IC	IX	IC	SE5			Bull Thistle	ASTERACEAE	
IH		<i>Conoclinium coelestinum</i>	IH	IH										SEH			Blue Boneset	ASTERACEAE	formerly <i>Eupatorium coelestinum</i>
IR		<i>Coreopsis grandiflora</i>	?			IR	IR	IX	IR		IR	IR	IR	SE3?			Large-flowered Tickseed	ASTERACEAE	
IR		<i>Coreopsis lanceolata</i>	?	IR	IR	?	?			IR	IR	IR	IR	S4			Lance-leaved Tickseed	ASTERACEAE	probably entirely introduced in the CZ (frequently used in seed mixes); some confusion with <i>C. grandiflora</i>
IR		<i>Coreopsis tinctoria</i>		IR	IH						IH			SE1			Golden Tickseed	ASTERACEAE	
R	CZ	<i>Coreopsis tripteris</i>	U		R	R							IR	S1S2			Tall Tickseed	ASTERACEAE	sometimes used in seed mixes
IH		<i>Coreopsis verticillata</i>		IH					IH					SE1			Whorled Tickseed	ASTERACEAE	
IR		<i>Cosmos bipinnatus</i>	IR									IR	IR	SE1			Garden Cosmos	ASTERACEAE	
IR		<i>Cota tinctoria</i>				IH							IR	SE1			Yellow Chamomile	ASTERACEAE	formerly <i>Anthemis tinctoria</i>
IR		<i>Crepis capillaris</i>	IR			IX		IX			IR	IH		SE1			Smooth Hawksbeard	ASTERACEAE	
IH		<i>Crepis pulchra</i>									IH	IH		SEH			Small-flowered Hawksbeard	ASTERACEAE	
IX		<i>Crepis tectorum</i>	IR	IX	IX	IX	IX	IX	IC	IX	IR	IX	IR	SE5			Narrow-leaved Hawksbeard	ASTERACEAE	
IR		<i>Cyclachaena xanthiifolia</i>		IH	IH							IR	IR	SE1			False Ragweed	ASTERACEAE	formerly <i>Iva xanthifolia</i>
U		<i>Doellingeria umbellata</i>	R	R	X	R	X	X	U	C	U	R	R	S5			Flat-top White Aster	ASTERACEAE	var. <i>umbellata</i> ; formerly included in <i>Aster</i>
IR		<i>Dyssodia papposa</i>	IR	IR		IR	IR	IR			IH			SE5			Fetid Dogweed	ASTERACEAE	
IR		<i>Echinacea pallida</i>					IR							SU			Pale Purple Coneflower	ASTERACEAE	likely introduced in CZ and Ontario
IR		<i>Echinacea purpurea</i>					IH				IH		IR	SE1			Eastern Purple Coneflower	ASTERACEAE	sometimes used in seed mixes
IR		<i>Echinops sphaerocephalus</i>		IR	IR		IR			IX	IR			SE4			Great Globe-thistle	ASTERACEAE	
R	CZ	<i>Eclipta prostrata</i>	R											S1?			False-daisy	ASTERACEAE	
C		<i>Erechtites hieraciifolius</i>	C	X	X	X	X	X	C	X	C	U	R	S5			Eastern Burnweed	ASTERACEAE	
C		<i>Erigeron annuus</i>	C	X	X	C	C	X	U	C	C	C	C	S5			Annual Fleabane	ASTERACEAE	
C		<i>Erigeron canadensis</i>	C	X	X	C	C	X	C	C	C	C	U	S5			Canada Horseweed	ASTERACEAE	
C		<i>Erigeron philadelphicus</i>	C	X	X	C	C	X	C	C	C	C	C	S5			Philadelphia Fleabane	ASTERACEAE	
U	cz	<i>Erigeron pulchellus</i>	R	R	R	X	R	X	U	U	R	C	R	S5			Robin Plantain Fleabane	ASTERACEAE	

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C		<i>Erigeron strigosus</i>	C	X	X	C	C	X	U	C	R	C	X	S5			Rough Fleabane	ASTERACEAE	
R	CZ	<i>Eupatorium altissimum</i>	R	IX	IX	IR	IR	IX	IR		IR	IR	IR	S1			Tall Boneset	ASTERACEAE	introduced in most CZ counties
C		<i>Eupatorium perfoliatum</i>	C	X	X	C	C	X	C	C	C	C	C	S5			Common Boneset	ASTERACEAE	
IR		<i>Eupatorium serotinum</i>	IR			IR								SE1			Late Boneset	ASTERACEAE	
U	CZ	<i>Eurybia divaricata</i>									U	H		S2S3	THR	THR	White Wood Aster	ASTERACEAE	formerly included in Aster
C		<i>Eurybia macrophylla</i>	C	X	X	C	C	X	C	C	C	C	C	S5			Large-leaved Aster	ASTERACEAE	formerly included in Aster
R	CZ	<i>Eurybia schreberi</i>				R	R	R	R		R	R	H	S2			Schreber's Aster	ASTERACEAE	formerly included in Aster
R	CZ	<i>Euthamia caroliniana</i>	R	R	R									S1			Slender Fragrant Goldenrod	ASTERACEAE	including E. gymnospermoides of Ontario reports; formerly included in Solidago
C		<i>Euthamia graminifolia</i>	C	X	X	C	C	X	C	C	C	C	C	S5			Grass-leaved Goldenrod	ASTERACEAE	formerly included in Solidago
C		<i>Eutrochium maculatum</i>	C	X	X	C	C	X	C	C	C	C	C	S5			Spotted Joe Pye Weed	ASTERACEAE	all CZ records assumed to be var. maculatum; formerly included in Eupatorium
R	cz	<i>Eutrochium purpureum</i>	R	R	R	R	R		U	R	R	R	R	S4			Purple Joe Pye Weed	ASTERACEAE	formerly included in Eupatorium
IR		<i>Gaillardia aristata</i>									IR	IR		SE1			Great Blanket-flower	ASTERACEAE	
IR		<i>Gaillardia pulchella</i>	IR				IR			IX			IR	SE1			Fire-wheel Blanket-flower	ASTERACEAE	
IR		<i>Galinsoga parviflora</i>			?		IR		IR			IR	IR	SE1			Small-flowered Galinsoga	ASTERACEAE	
IU		<i>Galinsoga quadriradiata</i>	IU	IX	IX	IR	IR		IR		IR	IC	IX	SE5			Hairy Galinsoga	ASTERACEAE	
H	CZ	<i>Gamochaeta purpurea</i>	H								H			SX			Spoon-leaved Purple Everlasting	ASTERACEAE	formerly Gnaphalium purpureum
IH		<i>Glebionis segetum</i>			IH			IH	IH					SE1			Corn Marigold	ASTERACEAE	formerly included in Chrysanthemum
IU		<i>Gnaphalium uliginosum</i>	IR		IH	IR	IR	IX	IU		IR	IX	IR	SE5			Low Cudweed	ASTERACEAE	
IR		<i>Grindelia squarrosa</i>	IH		IX	IH			IH		IH		IR	SE3			Curly-cup Gumweed	ASTERACEAE	
IH		<i>Guizotia abyssinica</i>				IH								SE1			Ramilla	ASTERACEAE	
U		<i>Helenium autumnale</i>	U	R	R	R	R		U	U	R		R	S4			Common Sneezeweed	ASTERACEAE	
IR		<i>Helenium flexuosum</i>	IR	IR		IX			IR		IR			SE2?			Purple-headed Sneezeweed	ASTERACEAE	
IR		<i>Helianthus annuus</i>	IR	IX	IX	IR	IR	IX	IR	IX	IR		IR	SE4			Common Sunflower	ASTERACEAE	
R	cz	<i>Helianthus decapetalus</i>	R	R	X	X	X		U		R	R	R	S4			Thin-leaved Sunflower	ASTERACEAE	
C		<i>Helianthus divaricatus</i>	C	R	X	X	X		C	C	U	C	U	S5			Woodland Sunflower	ASTERACEAE	
U	cz	<i>Helianthus giganteus</i>	C	R	X	X	X	X	R	R	H	R	IR	S5			Tall Sunflower	ASTERACEAE	sometimes used in seed mixes
IR		<i>Helianthus grosseserratus</i>		IR		IR	IR							SE1?			Saw-toothed Sunflower	ASTERACEAE	
IH		<i>Helianthus hirsutus</i>			IH		?						IH	SEH			Stiff-haired Sunflower	ASTERACEAE	

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IR		<i>Helianthus maximiliani</i>	IH		IX	IR	IR				IR		IR	SE3?			Maximilian Sunflower	ASTERACEAE	
IR		<i>Helianthus mollis</i>				IR	IR							SE1			Ashy Sunflower	ASTERACEAE	
IR		<i>Helianthus pauciflorus</i> ssp. <i>pauciflorus</i>			IH	IR	IR			IX	IH			SE			Stiff Sunflower	ASTERACEAE	some confusion re. ssp. <i>subrhomboideus</i> and <i>x laetiflorus</i>
R		<i>Helianthus pauciflorus</i> ssp. <i>subrhomboideus</i>			H	R	R						IR	S2S3			Rhombic-leaved Sunflower	ASTERACEAE	partly or totally introduced in CZ
IR		<i>Helianthus petiolaris</i>			IH						IR	IR		SE1			Prairie Sunflower	ASTERACEAE	
R	cz	<i>Helianthus strumosus</i>	R	R	R	X	R		U	R	H	U	R	S5			Pale-leaved Sunflower	ASTERACEAE	
X		<i>Helianthus tuberosus</i>	X	X	IX	X	X		IU	IX	IU	IX	IC	SU			Jerusalem Artichoke	ASTERACEAE	most CZ populations likely introduced, though possibly native in some floodplain woods
hyb		<i>Helianthus x laetiflorus</i>	hyb		hyb	hyb	hyb		hyb					hyb			(<i>Helianthus pauciflorus</i> ssp. <i>pauciflorus</i> X <i>Helianthus tuberosus</i>)	ASTERACEAE	
R		<i>Heliopsis helianthoides</i>	R	X	R	R	X		R	R	H	R	R	S4S5			False Sunflower	ASTERACEAE	commonly used in seed mixes; some populations introduced
IR		<i>Helminthotheca echioides</i>									IH	IR		SE1			Bristly Oxtongue	ASTERACEAE	formerly <i>Picris echioides</i>
R	cz	<i>Hieracium gronovii</i>	H		R	R			R		H			S2?			Queen Devil Hawkweed	ASTERACEAE	
H	CZ	<i>Hieracium longipilum</i>			H				H					SX			Hairy Hawkweed	ASTERACEAE	
IR		<i>Hieracium murorum</i>									IH	IR	IX	SE1			Wall Hawkweed	ASTERACEAE	
R	cz	<i>Hieracium paniculatum</i>					H		R		R	R		S2			Panicled Hawkweed	ASTERACEAE	
R		<i>Hieracium scabrum</i>	R	R	R	R	R		U		H		R	S4			Rough Hawkweed	ASTERACEAE	
R		<i>Hieracium umbellatum</i>									R	R	R	S5			Umbellate Hawkweed	ASTERACEAE	including <i>H. canadense</i> , <i>H. kalmii</i> , <i>H. scabriusculum</i>
H	cz	<i>Hieracium venosum</i>	H		H		H		H		H		H	S1			Rattlesnake Hawkweed	ASTERACEAE	
IR		<i>Hieracium vulgatum</i>				IR				IX	IR	IX	IR	SE2?			Common Hawkweed	ASTERACEAE	including <i>H. lachenalii</i> , <i>H. maculatum</i>
IR		<i>Hypochaeris radicata</i>							IR					SE			Spotted Cat's-ear	ASTERACEAE	
IR		<i>Inula britannica</i>											IR	SE1			Brittish Yellowhead	ASTERACEAE	
IU		<i>Inula helenium</i>	IR	IX	IX	IX	IX	IX	IU	IX	IC	IX	IC	SE5			Elecampane	ASTERACEAE	
IR		<i>Jacobaea vulgaris</i>									IH	IR		SE1			Tansy Ragwort	ASTERACEAE	formerly <i>Senecio jacobaea</i>
R	CZ	<i>Krigia biflora</i>	U		R									S2			Two-flowered Dwarf-dandelion	ASTERACEAE	
R	CZ	<i>Krigia virginica</i>			R									S1			Virginia Dwarf-dandelion	ASTERACEAE	
U		<i>Lactuca biennis</i>	R	X	X	X	X	X	U	X	U	U	R	S5			Tall Blue Lettuce	ASTERACEAE	
U		<i>Lactuca canadensis</i>	X	X	X	X	X	X	C	R	U	C	U	S5			Canada Lettuce	ASTERACEAE	

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R	CZ	<i>Lactuca floridana</i>	R											S1S2			Woodland Lettuce	ASTERACEAE	
R		<i>Lactuca hirsuta</i>	H		R				R	R				S4			Hairy Lettuce	ASTERACEAE	
IR		<i>Lactuca saligna</i>	IR		IH						IR		IX	SE2			Willow-leaved Lettuce	ASTERACEAE	
IC		<i>Lactuca scariola</i>	IC	IX	IX	IX	IX	IX	IC	IX	IC	IX	IC	SE5			Prickly Lettuce	ASTERACEAE	
IX		<i>Lapsana communis</i>	IR		IX	IR	IR	IX	IU	IX	IC	IX	IU	SE5			Common Nipplewort	ASTERACEAE	
IR		<i>Leontodon saxatilis</i>	IR										IR	SE1			Hairy Hawkbit	ASTERACEAE	
IC		<i>Leucanthemum vulgare</i>	IC	IX	IX	IC	IC	IX	IC	IX	IC	IX	IC	SE5			Oxeye Daisy	ASTERACEAE	formerly <i>Chrysanthemum leucanthemum</i>
R	CZ	<i>Liatris aspera</i>	R	R	R	?							H	S2			Rough Blazing-star	ASTERACEAE	
R		<i>Liatris cylindracea</i>		R	R				R		H		R	S3			Slender Blazing-star	ASTERACEAE	
R	CZ	<i>Liatris spicata</i>	R	R	R	R	R			?	IR		IR	S2	THR	THR	Dense Blazing-star	ASTERACEAE	some populations likely introduced (e.g. NG); possibly native at one site in 7E4
hyb		<i>Liatris x gladewitzii</i>		hyb	hyb									hyb			(<i>Liatris aspera</i> X <i>Liatris cylindracea</i>)	ASTERACEAE	
hyb		<i>Liatris x spherioidea</i>	?		hyb									hyb			(<i>Liatris aspera</i> X <i>Liatris ligulistylis</i>)	ASTERACEAE	
IR		<i>Matricaria chamomilla</i>	IR							IX		IR	IR	SE			German Mayweed	ASTERACEAE	including <i>M. recutita</i>
IC		<i>Matricaria discoidea</i>	IU	IX	IX	IX	IX	IX	IC	IX	IR	IX	IR	SE5			Pineapple-weed Chamomile	ASTERACEAE	formerly <i>M. matricarioides</i>
IR		<i>Mycelis muralis</i>				IR			IR					SE2			Wall Lettuce	ASTERACEAE	formerly <i>Lactuca muralis</i>
C		<i>Nabalus albus</i>	C	X	X	X	X		C	C	U	C	U	S5			White Rattlesnake-root	ASTERACEAE	formerly included in <i>Prenanthes</i>
U		<i>Nabalus altissimus</i>	R	R	R	X	X	X	U	U	C	C	U	S5			Tall Rattlesnake-root	ASTERACEAE	formerly included in <i>Prenanthes</i>
R		<i>Nabalus racemosus</i>	R	R	R									S5			Glaucous Rattlesnake-root	ASTERACEAE	formerly included in <i>Prenanthes</i>
IR		<i>Onopordum acanthium</i>		IR	IX	IX	IX		IR	IX	IH	IR	IR	SE4			Scotch Cotton-thistle	ASTERACEAE	
U		<i>Packera aurea</i>	R	R	R	X	X	X	C	C	R	U	R	S5			Golden Ragwort	ASTERACEAE	formerly included in <i>Senecio</i>
IR		<i>Packera glabella</i>	IR	IR	IR									SE1			Butterweed	ASTERACEAE	formerly included in <i>Senecio</i>
R		<i>Packera obovata</i>		?	R									S3			Round-leaved Groundsel	ASTERACEAE	formerly included in <i>Senecio</i>
R		<i>Packera paupercula</i> var. <i>paupercula</i>	R	R	X	R	R				H		R	S5			Balsam Groundsel	ASTERACEAE	formerly included in <i>Senecio</i>
R	CZ	<i>Packera paupercula</i> var. <i>pseudotomentosa</i>		R	R	R								S2S3			False Tomentose Balsam Groundsel	ASTERACEAE	formerly included in <i>Senecio</i>
H	CZ	<i>Packera paupercula</i> var. <i>savannarum</i>	H											SH			Savanna Balsam Groundsel	ASTERACEAE	formerly included in <i>Senecio</i>
R		<i>Packera pseudoaurea</i>	R											S2			Streambank Groundsel	ASTERACEAE	formerly included in <i>Senecio</i> ; CZ records var. <i>semicordata</i>
R		<i>Petasites frigidus</i>			H	R				R	H	R	H	S5			Palmate Coltsfoot	ASTERACEAE	var. <i>palmatum</i> , including <i>P. palmatum</i>
IR		<i>Petasites hybridus</i>											IR	SE1			Butterfly-dock	ASTERACEAE	

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IR		<i>Petasites japonicus</i>									IR	IR	IR	SE1			Japanese Butterbur	ASTERACEAE	
IX		<i>Picris hieracioides</i>	IR		IX	IX	IX		IR		IU	IR	IR	SE5			Hawkweed Oxtongue	ASTERACEAE	
IX		<i>Pilosella aurantiaca</i>	IR	IX	IX	IX	IX	IX	IX	IX	IU	IX	IU	SE5			Orange Hawkweed	ASTERACEAE	formerly included in Hieracium
IX		<i>Pilosella caespitosa</i>	IU	IX	IX	IX	IX		IX	IX	IC	IX	IC	SE5			Meadow Hawkweed	ASTERACEAE	formerly included in Hieracium
IU		<i>Pilosella officinarum</i>			IX	IR	IR	IX	IU	IX	IR	IX	IR	SE5			Mouse-ear Hawkweed	ASTERACEAE	formerly included in Hieracium as <i>H. pilosella</i>
IU		<i>Pilosella piloselloides</i> <i>ssp. piloselloides</i>	IR	IX	IX	IR	IR		IC	IX	IU	IX	IU	SE5			Tall Hawkweed	ASTERACEAE	formerly included in Hieracium
IR		<i>Pilosella piloselloides</i> <i>ssp. praealta</i>										IR	IR	SE1			King Devil Hawkweed	ASTERACEAE	formerly included in Hieracium
hyb		<i>Pilosella x floribunda</i>	hyb		hyb	hyb		hyb		hyb		hyb	hyb	hyb			(<i>Pilosella caespitosa</i> X <i>Pilosella lactucella</i>)	ASTERACEAE	formerly included in Hieracium
IH		<i>Pityopsis falcata</i>											IH	SEH			Sickle-leaved Goldenaster	ASTERACEAE	
IR		<i>Pluchea odorata</i>	IR											SE1			Shrubby Camphorweed	ASTERACEAE	
R		<i>Polymnia canadensis</i>	R		H	R				R	R	U	R	S4			White-flowered Leafcup	ASTERACEAE	
R		<i>Pseudognaphalium macounii</i>			H	R	?		R				H	S5			Winged Cudweed	ASTERACEAE	including <i>Gnaphalium macounii</i> , <i>G. viscosum</i>
R		<i>Pseudognaphalium obtusifolium</i>	R	R	R	X	X	X	C	X	R	R	R	S5			Fragrant Cudweed	ASTERACEAE	formerly <i>Gnaphalium obtusifolium</i>
IR		<i>Ratibida columnifera</i>			IH		IR						IR	SE1			Upright Prairie Coneflower	ASTERACEAE	adventive from seed mixes and restoration plantings in some areas
R	CZ	<i>Ratibida pinnata</i>	U	R	R	R	R						IR	S3			Gray-headed Prairie Coneflower	ASTERACEAE	adventive from seed mixes and restoration plantings in some areas
IR		<i>Rhaponticum repens</i>											IR	SE1			Russian Knapweed	ASTERACEAE	formerly <i>Centaurea repens</i>
R	CZ	<i>Rudbeckia fulgida</i>	R										IR	S1			Orange Coneflower	ASTERACEAE	adventive from seed mixes and restoration plantings in 7E4
C		<i>Rudbeckia hirta</i>	C	X	X	C	C	X	C	C	C	C	U	S5			Black-eyed Susan	ASTERACEAE	plantings from seed mixes now outnumber native populations in 7E4
U		<i>Rudbeckia laciniata</i>	R	R	X	X	X	X	C	C	R	U	R	S5			Cut-leaved Coneflower	ASTERACEAE	
IX		<i>Rudbeckia triloba</i>	IR	IX	IX	IR	IR		IC	IX	IR	IX	IR	SE4			Brown-eyed Susan	ASTERACEAE	some CZ populations may be native
IX		<i>Scorzoneroides autumnalis</i>	IR		IX	IR	IR		IR		IU		IX	SE5			Autumn Hawkbit	ASTERACEAE	formerly <i>Leontodon autumnalis</i>
IR		<i>Senecio viscosus</i>	IR			IR					IR	IR	IX	SE3			Sticky Groundsel	ASTERACEAE	
IX		<i>Senecio vulgaris</i>	IR	IX	IX	IX	IX	IX	IC		IU	IC	IR	SE5			Common Ragwort	ASTERACEAE	
IR		<i>Silphium integrifolium</i>			IH								IR	SE1			Whole-leaved Rosinweed	ASTERACEAE	adventive from seed mixes and restoration plantings in 7E4

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R	CZ	<i>Silphium laciniatum</i>	IR	R			R				IR		IR	S1			Compass Plant	ASTERACEAE	possibly entirely introduced in CZ; adventive from seed mixes and restoration plantings at some sites
R	CZ	<i>Silphium perfoliatum</i>	H	R		R	R				IR		IR	S2			Cup Plant	ASTERACEAE	some populations introduced
R	CZ	<i>Silphium terebinthinaceum</i>	R		R				IR	IR				S1			Prairie Rosinweed	ASTERACEAE	possibly native or formerly native in HN and BR
IH		<i>Silybum marianum</i>			IH									SE1			Blessed Milk-thistle	ASTERACEAE	
C		<i>Solidago altissima</i>	C	X	X	U	X	X	C	C	C	C	C	S5			Eastern Tall Goldenrod	ASTERACEAE	var. altissima
R	cz	<i>Solidago arguta</i>			R	R	?		R		R	R	R	S4			Cut-leaved Goldenrod	ASTERACEAE	
R		<i>Solidago bicolor</i>	R	R	R	R	R		U	R	U	U	R	S4?			White Goldenrod	ASTERACEAE	
C		<i>Solidago caesia</i>	C	X	X	X	X	X	C	C	C	C	C	S5			Blue-stemmed Goldenrod	ASTERACEAE	
C		<i>Solidago canadensis</i> var. <i>canadensis</i>	C	X	X	X	X	X	C	C	C	C	C	S5			Canada Goldenrod	ASTERACEAE	all unspecified records assigned to var. <i>canadensis</i> , though var. <i>hargerii</i> also present
U	CZ	<i>Solidago canadensis</i> var. <i>hargerii</i>	R	X	R	X	X	X	X	X	X	X		S4?			Harger's Canada Goldenrod	ASTERACEAE	under-reported, probably rare in some counties
C		<i>Solidago flexicaulis</i>	R	R	R	X	X	X	C	C	C	C	C	S5			Zigzag Goldenrod	ASTERACEAE	
C		<i>Solidago gigantea</i>	R	X	C	X	X	X	C	C	C	C	C	S5			Giant Goldenrod	ASTERACEAE	
R		<i>Solidago hispida</i>	H	R	R	R			C	C	R	U	R	S5			Hairy Goldenrod	ASTERACEAE	var. <i>hispida</i> in CZ, including reports of var. <i>huronensis</i> and var. <i>tonsa</i>
C		<i>Solidago juncea</i>	U	X	X	X	X		C	C	C	C	R	S5			Early Goldenrod	ASTERACEAE	
C		<i>Solidago nemoralis</i>	C	X	X	X	X	X	C	C	C	C	C	S5			Gray-stemmed Goldenrod	ASTERACEAE	ssp. <i>nemoralis</i>
R		<i>Solidago ohioensis</i>	?	R	R	R	R		R	R	H		H	S4			Ohio Goldenrod	ASTERACEAE	
C	cz	<i>Solidago patula</i>	R	R	R	X	X	X	C	C	R	C	R	S4			Round-leaved Goldenrod	ASTERACEAE	
R		<i>Solidago ptarmicoides</i>			R	R			R	U	R	R	R	S5			Upland White Goldenrod	ASTERACEAE	including <i>Aster ptarmicoides</i>
R	CZ	<i>Solidago riddellii</i>	R	R	R	R	R							S3	SC	SC	Riddell's Goldenrod	ASTERACEAE	
R	cz	<i>Solidago rigida</i>	U	R	R	U	R			R	IH	R	R	S3			Eastern Stiff-leaved Goldenrod	ASTERACEAE	ssp. <i>rigida</i>
R	CZ	<i>Solidago rigidiuscula</i>			R									S1	END	END	Stiff-leaved Showy Goldenrod	ASTERACEAE	formerly included in <i>S. speciosa</i>
C		<i>Solidago rugosa</i>	C	X	R	X	X	X	C	C	C	C	U	S5			Rough-stemmed Goldenrod	ASTERACEAE	both ssp. <i>rugosa</i> and ssp. <i>aspera</i> likely occur in the CZ
IR		<i>Solidago sempervirens</i>	IU		IR	IR	IR	IR			IR	IR	IR	SE2			Seaside Goldenrod	ASTERACEAE	
R		<i>Solidago squarrosa</i>				H			R	R	R	R	R	S4			Squarrose Goldenrod	ASTERACEAE	
R		<i>Solidago uliginosa</i>			R	R	R	X	R	R	H	R	H	S5			Bog Goldenrod	ASTERACEAE	
R	CZ	<i>Solidago ulmifolia</i>	R	?		R								S1			Elm-leaved Goldenrod	ASTERACEAE	

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IC		<i>Sonchus arvensis</i>	IC	IX	IX	IX	IX	IX	IC	IX	IC	IX	IC	SE5			Field Sow-thistle	ASTERACEAE	both ssp. <i>arvensis</i> and ssp. <i>uliginosus</i> are widespread and locally common in the CZ
IX		<i>Sonchus asper</i>	IU	IX	IX	IX	IX	IX	IU		IC	IX	IR	SE5			Prickly Sow-thistle	ASTERACEAE	
IX		<i>Sonchus oleraceus</i>	IU	IX	IX	IX	IX		IR	IX	IU	IX	IU	SE5			Common Sow-thistle	ASTERACEAE	
IR		<i>Sonchus palustris</i>	IR											SE1			Marsh Sow-thistle	ASTERACEAE	
R		<i>Symphotrichum boreale</i>	R		R	R	R	X	R	R		R	H	S5			Rush Aster	ASTERACEAE	formerly included in Aster
IR		<i>Symphotrichum ciliatum</i>	IR	IR	IR	IR	IR	IR				IR	IX	IR	S3?		Alkali Aster	ASTERACEAE	formerly called Aster <i>brachyactis</i> ; introduced in CZ
R		<i>Symphotrichum ciliolatum</i>										R	H	S5			Lindley's Aster	ASTERACEAE	formerly included in Aster
C		<i>Symphotrichum cordifolium</i>	U	X	R	C	X	X	C	C	C	C	C	S5			Heart-leaved Aster	ASTERACEAE	formerly included in Aster
R	cz	<i>Symphotrichum dumosum</i>	R	R	R				R		R			S2			Bushy Aster	ASTERACEAE	formerly included in Aster
C		<i>Symphotrichum ericoides</i>	C	X	X	C	X	X	C	C	C	C	C	S5			White Heath Aster	ASTERACEAE	var. <i>ericoides</i> ; formerly included in Aster
X		<i>Symphotrichum firmum</i>				X								S4?			Glossy-leaved Aster	ASTERACEAE	widespread in CZ but formerly included in Aster <i>punicus</i> by many authors, so few specific records
C		<i>Symphotrichum laeve</i>	U	R	X	C	R		C	C	U	C	R	S5			Smooth Aster	ASTERACEAE	var. <i>laeve</i> ; formerly included in Aster
C		<i>Symphotrichum lanceolatum</i>	C	X	X	C	C	X	C	C	C	C	C	S5			White Panicked Aster	ASTERACEAE	formerly included in Aster; var. <i>hirsuticaule</i> , var. <i>interior</i> , var. <i>lanceolatum</i> , and var. <i>latifolium</i> (S3?) occur in CZ
C		<i>Symphotrichum lateriflorum</i>	C	X	X	C	X	X	C	C	C	C	C	S5			Calico Aster	ASTERACEAE	formerly included in Aster; var. <i>angustifolium</i> , var. <i>hirsuticaule</i> (S2?), and var. <i>lateriflorum</i> occur in the CZ
C		<i>Symphotrichum novae-angliae</i>	C	X	X	C	C	X	C	C	C	C	C	S5			New England Aster	ASTERACEAE	formerly included in Aster
R		<i>Symphotrichum ontarionis</i>	R		R		R	X	R		R	R	H	S5			Ontario Aster	ASTERACEAE	formerly included in Aster; var. <i>glabratum</i> (rarer) and var. <i>ontarionis</i> occur in the CZ
R		<i>Symphotrichum oolentangiense</i>	R	R	R	R	R		U	R	R	C	R	S4			Sky-blue Aster	ASTERACEAE	formerly included in Aster as <i>A. azureus</i>
C		<i>Symphotrichum pilosum</i> var. <i>pilosum</i>	C	X	X	U	X	X	C	C	C	C	R	S5			Old Field Aster	ASTERACEAE	formerly included in Aster
R		<i>Symphotrichum pilosum</i> var. <i>pringlei</i>	H	R	R				R		R		R	S4			Pringle's Aster	ASTERACEAE	formerly included in Aster
R	CZ	<i>Symphotrichum praealtum</i>	R	R	R	R								S2	THR	THR	Willow-leaved Aster	ASTERACEAE	formerly included in Aster
R	cz	<i>Symphotrichum prenanthoides</i>					U	R	R					S2?	SC	SC	Crooked-stem Aster	ASTERACEAE	formerly included in Aster

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C		<i>Symphotrichum puniceum</i>	R	R	R	X	X	X	C	C	C	C	C	S5			Swamp Aster	ASTERACEAE	formerly included in Aster; some reports may refer to <i>S. firmum</i>
U	CZ	<i>Symphotrichum shortii</i>	U											S4			Short's Aster	ASTERACEAE	formerly included in Aster
IR		<i>Symphotrichum subulatum</i>	IR	IR	IR	IR	IR				IR		IR	SE2			Annual Saltmarsh Aster	ASTERACEAE	formerly included in Aster
C		<i>Symphotrichum urophyllum</i>	C	R	R	X	X	X	C	C	U	C	R	S4			Arrow-leaved Aster	ASTERACEAE	formerly included in Aster as <i>A. sagittifolius</i>
hyb		<i>Symphotrichum x amethystinum</i>	hyb	hyb	hyb	hyb	hyb		hyb		hyb	hyb	hyb	hyb			(<i>Symphotrichum ericoides</i> X <i>Symphotrichum novae-angliae</i>)	ASTERACEAE	formerly included in Aster
IR		<i>Tanacetum balsamita</i>											IR	SE3			Costmary	ASTERACEAE	
IR		<i>Tanacetum parthenium</i>									IR	IR	IR	SE3			Common Feverfew	ASTERACEAE	
IX		<i>Tanacetum vulgare</i>	IR	IX	IX	IX	IX		IU	IX	IR	IX	IU	SE5			Common Tansy	ASTERACEAE	
IX		<i>Taraxacum erythrospermum</i>	IR	IR	IX	IR	IR	IX	IR	IX	IR	IX	IX	SE5			Red-seeded Dandelion	ASTERACEAE	
IC		<i>Taraxacum officinale</i>	IC	IX	IX	IC	IC	IX	IC	IX	IC	IC	IC	SE5			Common Dandelion	ASTERACEAE	
IU		<i>Taraxacum palustre</i>	IR	IR	IX	IR	IR	IX	IU	IX	IR	IX	IX	SE5			Marsh Dandelion	ASTERACEAE	
IC		<i>Tragopogon dubius</i>	IC	IX	IX	IX	IX	IX	IC	IX	IU	IX	IR	SE5			Yellow Goat's-beard	ASTERACEAE	
IR		<i>Tragopogon porrifolius</i>	IU		IX	IR	IR	IX	IR		IR	IX	IX	SE4?			Purple Goat's-beard	ASTERACEAE	
IX		<i>Tragopogon pratensis</i>	IU	IX		IX	IX	IX		IX	IC	IX	IC	SE5			Meadow Goat's-beard	ASTERACEAE	
hyb		<i>Tragopogon x mirabilis</i>										hyb		hyb			(<i>Tragopogon porrifolius</i> X <i>Tragopogon pratensis</i>)	ASTERACEAE	
hyb		<i>Tragopogon x neohybridus</i>	hyb											hyb			(<i>Tragopogon dubius</i> X <i>Tragopogon porrifolius</i>)	ASTERACEAE	
IX		<i>Tripleurospermum inodorum</i>				IR	IR				IR	IX	IU	SE			Scentless Chamomile	ASTERACEAE	including <i>Matricaria perforata</i>
IX		<i>Tripleurospermum maritimum</i>			IX							IR	IH	SE			Seaside Chamomile	ASTERACEAE	ssp. <i>maritimum</i> , including <i>Matricaria maritima</i> ssp. <i>maritima</i>
IC		<i>Tussilago farfara</i>	IU	IX	IX	IC	IC	IX	IC	IX	IC	IX	IC	SE5			Colt's-foot	ASTERACEAE	
R	CZ	<i>Verbesina alternifolia</i>	R	X	R	R	R							S3			Wingstem	ASTERACEAE	including <i>Actinomeris alternifolia</i>
R	CZ	<i>Vernonia gigantea</i>	X	R	R		R							S1?			Giant Ironweed	ASTERACEAE	some reports of <i>V. gigantea</i> (= <i>V. altissima</i>) probably refer to <i>V. missurica</i>
R	CZ	<i>Vernonia missurica</i>	X	R	R									S3?			Missouri Ironweed	ASTERACEAE	<i>Vernonia</i> (species undetermined) occasionally shows up in seed mix plantings in 7E4

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IX		<i>Xanthium spinosum</i>				IH	IR						IX	SE2?			Spiny Cocklebur	ASTERACEAE	
C		<i>Xanthium strumarium</i>	C	X	X	C	C		C	C	C	C	C	S5			Rough Cocklebur	ASTERACEAE	some populations introduced
C		<i>Viburnum acerifolium</i>	C	X	X	X	C	X	C	C	C	C	C	S5			Maple-leaved Viburnum	ADOXACEAE	
IX		<i>Viburnum lantana</i>	IR	IX		IR	IR			IX	IU	IR	IC	SE2			Wayfaring-tree	ADOXACEAE	
R		<i>Viburnum lantanoides</i>					R			R			R	S5			Hobblebush	ADOXACEAE	formerly <i>V. alnifolium</i>
C		<i>Viburnum lentago</i>	C	X	X	C	C	X	C	C	C	C	C	S5			Nannyberry	ADOXACEAE	
R		<i>Viburnum nudum</i>		R	H	X	R	X	U	R	R	R	R	S5			Smooth Witherod	ADOXACEAE	formerly <i>V. cassinoides</i>
IX		<i>Viburnum opulus</i> <i>ssp. opulus</i>	IR	IX		IR		IR	IU	IX	IC	IX	IC	SE3?			Cranberry Viburnum	ADOXACEAE	
C		<i>Viburnum opulus</i> <i>ssp. trilobum</i>	U	R	X	X	X	X	U	C	C	C	U	S5			Highbush Cranberry	ADOXACEAE	often called <i>V. trilobum</i>
C		<i>Viburnum rafinesquianum</i>	C	X	X	X	X	X	C	X	U	C	R	S5			Downy Arrowwood	ADOXACEAE	
U	cz	<i>Viburnum recognitum</i>	R	R	H		R		C	R	C	C	R	S4			Smooth Arrowwood	ADOXACEAE	including reports of <i>V. dentatum</i>
IR		<i>Cephalaria gigantea</i>											IR	SE1			Giant Yellow Scabious	CAPRIFOLIACEAE	
C		<i>Diervilla lonicera</i>	R		X	X	X	X	C	C	U	C	U	S5			Northern Bush-honeysuckle	CAPRIFOLIACEAE	
IC		<i>Dipsacus fullonum</i>	IC	IX	IX	IC	IC	IX	IC	IX	IC	IX	IC	SE5			Common Teasel	CAPRIFOLIACEAE	including <i>D. sylvestris</i>
IR		<i>Dipsacus laciniatus</i>		IR		IR			?		IR			SE2			Cut-leaved Teasel	CAPRIFOLIACEAE	
IR		<i>Knautia arvensis</i>						IR					IR	SE1			Blue-button	CAPRIFOLIACEAE	
IR		<i>Kolkwitzia amabilis</i>							IR	IR				SE1			Beautybush	CAPRIFOLIACEAE	
R		<i>Linnaea borealis</i>			R	R	R	X	R		R	R	R	S5			Twinflower	CAPRIFOLIACEAE	
C		<i>Lonicera canadensis</i>	R		R	X	X	X	C	C	C	C	R	S5			Canada Fly Honeysuckle	CAPRIFOLIACEAE	
C		<i>Lonicera dioica</i>	C	X	X	X	X		C	C	C	C	U	S5			Limber Honeysuckle	CAPRIFOLIACEAE	
R		<i>Lonicera hirsuta</i>			R	R	R				R	U	R	S5			Hairy Honeysuckle	CAPRIFOLIACEAE	
IR		<i>Lonicera japonica</i>	IU	IR		IR	IR				IR		?	SE2			Japanese Honeysuckle	CAPRIFOLIACEAE	
IR		<i>Lonicera maackii</i>	IR			IR	IR				IR	IC	IU	SE2			Amur Honeysuckle	CAPRIFOLIACEAE	
IR		<i>Lonicera morrowii</i>	IR		IX	IR			IR	IX	IU	IX	IX	SE3			Morrow's Honeysuckle	CAPRIFOLIACEAE	
R		<i>Lonicera oblongifolia</i>			R	R		X	R				U	H	S5		Swamp Fly Honeysuckle	CAPRIFOLIACEAE	
IH		<i>Lonicera periclymenum</i>											IH	SEH			European Honeysuckle	CAPRIFOLIACEAE	
IR		<i>Lonicera ruprechtiana</i>												SE1			Manchurian Honeysuckle	CAPRIFOLIACEAE	
IH		<i>Lonicera sempervirens</i>												SE1			Trumpet Honeysuckle	CAPRIFOLIACEAE	
IC		<i>Lonicera tatarica</i>	IU	IX	IX	IX		IX	IC	IX	IC	IX	IC	SE5			Tartarian Honeysuckle	CAPRIFOLIACEAE	
hyb		<i>Lonicera x bella</i>	hyb	hyb	hyb				hyb		hyb	hyb	hyb	hyb			(<i>Lonicera morrowii</i> X <i>Lonicera tatarica</i>)	CAPRIFOLIACEAE	
IR		<i>Lonicera xylosteum</i>				IR	?		IR		IR	IX	IR	SE2			Dwarf Honeysuckle	CAPRIFOLIACEAE	
C		<i>Sambucus canadensis</i>	C	X	X	X	X	X	C	X	C	C	C	S5			Common Elderberry	CAPRIFOLIACEAE	
C		<i>Sambucus racemosa</i>	R	R	R	X	X	X	C	X	C	C	C	S5			Red Elderberry	CAPRIFOLIACEAE	

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U		<i>Symphoricarpos albus</i> var. <i>albus</i>	R	R	R	X	R		U	R	U	C	U	S5			Common Snowberry	CAPRIFOLIACEAE	
IR		<i>Symphoricarpos albus</i> var. <i>laevigatus</i>											IR	SE1			Smooth Common Snowberry	CAPRIFOLIACEAE	
IR		<i>Symphoricarpos occidentalis</i>		IR	IR		IR		IR				IR	IR			Western Snowberry	CAPRIFOLIACEAE	
IR		<i>Symphoricarpos orbiculatus</i>	IR	IR		IR	IR		IR	IX	IH			SE1			Coralberry	CAPRIFOLIACEAE	
R	CZ	<i>Triosteum angustifolium</i>	R											S1			Narrow-leaved Horse-gentian	CAPRIFOLIACEAE	
U		<i>Triosteum auraniticum</i>	R	R	X	X	U	X	U	U	U	C	R	S4S5			Orange-fruited Horse-gentian	CAPRIFOLIACEAE	
R	CZ	<i>Triosteum perfoliatum</i>	R	R	R	R								S1			Perfoliate Horse-gentian	CAPRIFOLIACEAE	
R	cz	<i>Valeriana edulis</i>				H				R				S1			Edible Valerian	CAPRIFOLIACEAE	ssp. <i>ciliata</i> in CZ
IX		<i>Valeriana officinalis</i>	IR			IR	IR		IR	IX	IR	IX	IR	SE3			Common Valerian	CAPRIFOLIACEAE	
H	cz	<i>Valeriana uliginosa</i>							H		H		H	S2			Swamp Valerian	CAPRIFOLIACEAE	
H		<i>Valerianella chenopodiifolia</i>					H				H			S1			Goosefoot Cornsalad	CAPRIFOLIACEAE	
IR		<i>Valerianella locusta</i>				IH					IR			SE1			European Cornsalad	CAPRIFOLIACEAE	
R	CZ	<i>Valerianella umbilicata</i>	R		R									S1			Navel Cornsalad	CAPRIFOLIACEAE	
IR		<i>Aralia elata</i>										IR	IR	SE1			Japanese Angelica-tree	ARALIACEAE	
R		<i>Aralia hispida</i>			H		H		R	R	R			S5			Bristly Sarsaparilla	ARALIACEAE	
C		<i>Aralia nudicaulis</i>	C	X	X	C	X	X	C	C	C	C	C	S5			Wild Sarsaparilla	ARALIACEAE	
C		<i>Aralia racemosa</i>	R	R	R	C	X	X	C	U	U	C	U	S5			American Spikenard	ARALIACEAE	
IR		<i>Aralia spinosa</i>					IR		IR		IH			SE1			Hercules'-club	ARALIACEAE	Very similar to <i>A. elata</i> to which some or CZ records may belong.
IR		<i>Hedera helix</i>	IR						IR		IR	IR	IR	SE1			English Ivy	ARALIACEAE	
IR		<i>Kalopanax septemlobus</i>							IR					SE1			Castor Aralia	ARALIACEAE	
R		<i>Panax quinquefolius</i>	R	R	R	R	R	R	U	R	R	R	R	S2	END	END	American Ginseng	ARALIACEAE	
R		<i>Panax trifolius</i>	R	R	X	R	X		U	R	R	R	H	S4			Dwarf Ginseng	ARALIACEAE	
IU		<i>Aegopodium podagraria</i>		IX	IX	IU	IU	IX	IR		IR	IX	IC	SE5			Goutweed	APIACEAE	
IR		<i>Aethusa cynapium</i>			IR							IR		SE1			Fool's-parsley	APIACEAE	
IR		<i>Anethum graveolens</i>				IR						IR		SE1?			Dill	APIACEAE	
C		<i>Angelica atropurpurea</i>	R		H	C	X	X	C	C	R	U	U	S5			Great Angelica	APIACEAE	
IR		<i>Angelica sylvestris</i>											IR	SE1			Woodland Angelica	APIACEAE	
H	CZ	<i>Angelica venenosa</i>	H											SH			Hairy Angelica	APIACEAE	
IR		<i>Anthriscus caucalis</i>										IR		SE1			Bur Chervil	APIACEAE	
IH		<i>Anthriscus cerefolium</i>									IH			SE1			Common Chervil	APIACEAE	
IR		<i>Anthriscus sylvestris</i>	IR			IR	IX	IX	IR			IR	IR	SE4?			Wild Chervil	APIACEAE	
IR		<i>Carum carvi</i>				IX	IX				IH	IX	IR	SE1?			Common Caraway	APIACEAE	

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R	CZ	<i>Chaerophyllum procumbens</i>	R		R									S1S2			Spreading Chervil	APIACEAE	
C		<i>Cicuta bulbifera</i>	R	X	X	X	X	X	C	C	C	C	R	S5			Bulb-bearing Water-hemlock	APIACEAE	
C		<i>Cicuta maculata</i>	C	X	X	X	C	X	C	C	C	C	C	S5			Spotted Water-hemlock	APIACEAE	var. maculata
R		<i>Conioselinum chinense</i>			R	R			R	R	H			S2			Chinese Hemlock-parsley	APIACEAE	
IR		<i>Conium maculatum</i>	IR		IX	IX	IR			IX	IR	IR	IR	SE2?			Poison-hemlock	APIACEAE	
C		<i>Cryptotaenia canadensis</i>	C	X	X	X	C	X	C	C	U	C	U	S5			Canada Honewort	APIACEAE	
IC		<i>Daucus carota</i>	IC	IX	IX	IC	IC	IX	IC	IX	IC	IC	IC	SE5			Wild Carrot	APIACEAE	
R	cz	<i>Erigenia bulbosa</i>	R		R	U	U			R			H	S2S3			Harbinger-of-spring	APIACEAE	
IR		<i>Foeniculum vulgare</i>			IH						IH			SE3?			Sweet Fennel	APIACEAE	
IR		<i>Heracleum mantegazzianum</i>							IR			IR	IU	SE2			Giant Hogweed	APIACEAE	
U		<i>Heracleum maximum</i>	R	R	R	X	X	X	U	X	X	C	C	S5			Cow-parsnip	APIACEAE	
IH		<i>Heracleum sphondylium</i>										IH	IH	SE1			American Cow-parsnip	APIACEAE	
U		<i>Hydrocotyle americana</i>				X	X	X	C	R	R	C	R	S4S5			American Water-pennywort	APIACEAE	
IR		<i>Imperatoria ostruthium</i>											IR	SE1			Masterwort	APIACEAE	
IR		<i>Levisticum officinale</i>					IR						IR	SE1			Lovage	APIACEAE	
IH		<i>Myrrhis odorata</i>					IH						IR	SE1			Anise	APIACEAE	
C		<i>Osmorhiza claytonii</i>	C	X	X	X	X	X	C	C	C	C	U	S5			Hairy Sweet Cicely	APIACEAE	
C		<i>Osmorhiza longistylis</i>	C	X	X	X	X		C	C	C	U	R	S5			Smooth Sweet Cicely	APIACEAE	
R	CZ	<i>Oxypolis rigidior</i>	U	R							?			S2			Stiff Cowbane	APIACEAE	
IU		<i>Pastinaca sativa</i>	IU	IX	IX	IX	IX		IU	IX	IU	IX	IC	SE5			Wild Parsnip	APIACEAE	
IR		<i>Petroselinum crispum</i>	IU		IX	IR	IR		IU					SE1			Garden Parsley	APIACEAE	
U	cz	<i>Sanicula canadensis</i> var. <i>canadensis</i>	C	X	R	R	R		U	?	R	C		S4			Short-styled Canada Sanicle	APIACEAE	
R	cz	<i>Sanicula canadensis</i> var. <i>grandis</i>				H	H			R		U	R	S2			Long-styled Canada Sanicle	APIACEAE	
C		<i>Sanicula marilandica</i>	C	R	X	X	X	X	C	C	C	C	X	S5			Maryland Sanicle	APIACEAE	
C		<i>Sanicula odorata</i>	C	X	C	X	X	X	C	?	U	U	R	S5			Clustered Sanicle	APIACEAE	formerly <i>S. gregaria</i>
U		<i>Sanicula trifoliata</i>	U	X	R	X	X		U	X	R	C	R	S4			Large-fruited Sanicle	APIACEAE	
C		<i>Sium suave</i>	C	X	R	C	C	X	U	U	C	C	R	S5			Hemlock Water-parsnip	APIACEAE	
U	cz	<i>Taenidia integerrima</i>	U	R	X	R	R		U	U	R	U	R	S4			Yellow Pimpernel	APIACEAE	
H	CZ	<i>Thaspium barbinode</i>									H			SH			Hairy-jointed Meadow-parsnip	APIACEAE	
R	CZ	<i>Thaspium chapmanii</i>	R	R	H									S2?			Chapman's Meadow-parsnip	APIACEAE	most CZ reports of <i>T. barbinode</i> belong here

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R	CZ	<i>Thaspium trifoliatum</i>	R	R							H			S2			Purple Meadow-parsnip	APIACEAE	
IX		<i>Torilis japonica</i>	IR			IR			IU	IX	IR	IX	IR	SE4			Erect Hedge-parsley	APIACEAE	reports of <i>T. arvensis</i> apparently belong here
H		<i>Zizia aptera</i>	?			H								S1			Heart-leaved Alexanders	APIACEAE	
R		<i>Zizia aurea</i>	R	R	X	X	X	X	U	U	R	R	R	S5			Golden Alexanders	APIACEAE	

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