

Floristic quality assessment index (FQAI) for vascular plants and mosses for the State of Ohio

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Cover photographs (from top row): *Ranunculus flabellaris* and *Glyceria septentrionalis* at Slate Run Metropark, Pickaway Co., Ohio (Credit: John Mack, Ohio EPA); Baker Swamp, Jackson Co., Ohio (Credit: John Mack, Ohio EPA); Daughmer Savannah, Crawford Co., Ohio (Credit: John Mack, Ohio EPA); Shawnee State Forest (Credit: James McCormac, Ohio DNR-DNAP); *Cypripedium parviflorum* var. *parviflorum* (Credit: James McCormac, Ohio DNR-DNAP), Geauga County, Ohio.

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INTRODUCTION

Plant communities are often described in general terms like “outstanding” or “marginal” or by using lists of species or a few indicator species. A community might be considered high quality by one investigator while a different investigator might categorize it as average or poor. Opinion is often determined by the degree of familiarity with flora or the level of experience with habitats on a statewide basis. The Floristic Quality Assessment Index (FQAI) is designed to reduce subjectivity and create an objective standard of quality that can be used by anyone with adequate botanical skills.

The FQAI was first devised by Swink and Wilhelm (1979) for evaluating plant communities in the Chicago region and later refined by Wilhelm and Ladd (1988) and Wilhelm and Masters (1995). The FQAI concept has been extended to many other states and regions including Michigan (Herman et al. 1997, 2001), Missouri (Ladd 1993), Ontario (Oldham et al. 1995), northern Ohio (Andreas and Lichvar 1995), Illinois (Taft et al. 1997), Wisconsin (Nichols 1998; Wisconsin Floristic Quality Assessment 2002), and North Dakota (North Dakota Floristic Quality Assessment Panel 2001). The present system for the state of Ohio is an expansion of the list developed by Andreas and Lichvar (1995) for northern Ohio.

The FQAI is a variation on a long tradition of richness and diversity indices in ecology. Species richness, the number of species in a community, is one of the oldest and simplest concepts of diversity (Krebs 1999). For example, in Figure 1, community A can be considered more diverse than community B since it has more species for the same level of sampling effort. However, if community A has 10 equally abundant species, while community B has one species which comprises 95% of the individuals and 9 species which comprise 5% of the individuals, which community is more “diverse?” To answer this question, Simpson (1949) proposed a measure of diversity which includes two concepts, richness and evenness:

$$D = \sum (p_i)^2 \quad \text{Eqn. 1}$$

where D = Simpson’s Index, p_i = proportion of species i in the community, which is the probability of picking two organisms at random that are different species. Simpson’s original equation has been modified by many investigators to

$$1 - D = 1 - \sum (p_i)^2 \quad \text{Eqn. 2}$$

which has a range of 0 (low diversity) to nearly 1 (high diversity). The concepts of evenness and richness are graphically illustrated in Figure 2, where community A is more diverse than community B since it has the same number of species but more even relative abundances, and community C is more diverse than community B since it has more species even though it has the same pattern of relative abundances.

The Shannon-Weiner index is probably the best

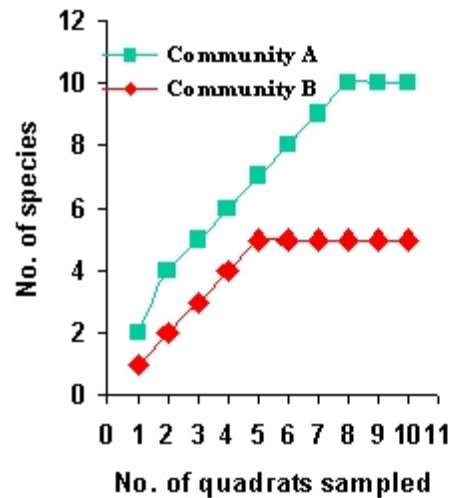


Figure 1. Hypothetical communities showing differences in diversity and species-area curves. For the same level of sampling effort, Community A is more diverse than Community B.

$$H' = \sum (p_i)(\log_e p_i) \quad \text{Eqn. 3}$$

where H' = index of species diversity (information content of sample), and p_i = proportion of the total sample of the species i . H' can vary from 0 (community with only one species) to much larger numbers, but in practice does not seem to exceed 5 for most biological communities (Krebs 1999). Some investigators modify the original Shannon-Weiner equation to change the index units from information content of the sample to numbers of species, or

$$N_1 = e^{H'} \quad \text{Eqn. 4}$$

where N_1 = number of equally common species that would produce the same diversity as H' , and $e = 2.718$ (base of the natural logarithm).

Simpson's Index and the Shannon-Weiner Index remain commonly used tools for making comparisons among communities of similar organisms. The need to make relative comparisons is one of paramount importance in environmental and natural resource management. For example, a principal goal of the Clean Water Act is to maintain and restore the physical, chemical and biological integrity of the waters of the United States (33 U.S.C. §1251(a)). Biological integrity has been defined as "...the capability of supporting and maintaining a balanced integrated, adaptive community of organisms having a species composition, diversity, and functional organization comparable to that of natural habitat of the region" (Karr and Dudley 1981). This national goal requires tools for determining whether an aquatic resource is in need of restoration or whether restoration has been successful. Similarly, given limited budgets, both governmental and nongovernmental natural resource organizations that acquire property need to be able to prioritize which natural areas should be purchased in order to make acquisition decisions.

One of the problems with many diversity measures is the equal weighting each species receives

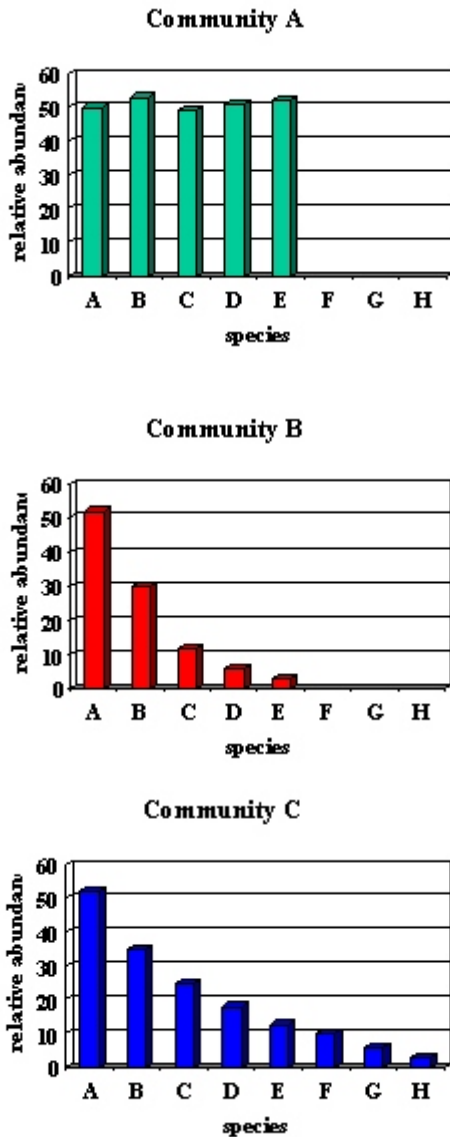


Figure 2. Hypothetical communities illustrating species richness and species evenness, two important concepts in diversity. Community A is more diverse than Community B since it has the same number of species but more even relative abundances. Community C is more diverse than Community B since it has more species even though it has the same pattern of relative abundances. Adapted from Krebs (1999).

known of the diversity indices. In its original formulation (Krebs 1999), it was calculated as follows:

regardless of its tolerance to disturbance or its fidelity to a specific habitat. This can limit their usefulness in making the kinds of natural resource management decisions that are often needed. For example, using the Shannon-Weiner or Simpson's Index, a highly disturbed community with 10 evenly distributed common or adventive species will potentially receive the same score as an intact community with 10 evenly distributed rare species. The principal concept underlying the FQAI is that the quality of a natural community can be objectively evaluated by examining the degree of ecological conservatism (or fidelity) of the plants species in that community.

The FQAI is more directly a variation on the simplest of ordination techniques, weighted averaging (Gauch 1982). In weighted averaging, species abundance is multiplied by a weighting factor and then averaged. The basic calculation is

$$S_j = \frac{\sum A_{ij} W_i}{\sum A_{ij}} \quad \text{Eqn. 5}$$

where S_j = the weighted average ordination score, A_{ij} = the abundance of species i in sample j , and W_i = the ecological weighting factor for species i . While the math is simple, the main challenge in using weighted averaging as an ordination technique is having adequate ecological insight to develop useful weighting factors (Gauch 1982). An early use of this technique was by Curtis and McIntosh (1951) who developed weighting factor for whether a species was typical of pioneer to climax forest communities in southern Wisconsin. Thus, the original calculation of the FQAI can be conceptualized as the weighted averaging of species richness, with the weighting factor called the coefficient of conservatism (C of C). If the FQAI weighting factors are used in conjunction with species abundances, the FQAI becomes a "weighted averaging" technique (Gauch 1982).

The assigning of the C of C is a decision that has subjective elements since it is made by a person or group of persons intimately familiar with the flora of a geographic region based on their knowledge of the narrowness or breadth of a plant's ecological

tolerances. But, once this decision is made, the index is both objective and consistent. In effect, a floristic index "front-loads" any subjectivity during the development of the system itself: users of the index are required to apply it objectively and consistently. Any inherent biases in assigning a particular C of C to particular plants occur uniformly and the relative comparison of site A to site B to site C is not affected.

METHODOLOGY AND APPLICATION

METHODOLOGY

A floristic quality index is developed by assigning a numeric score from 0 to 10 (the C of C) to each plant species growing in a specified geographical region (Wilhelm and Ladd 1988; Swink and Wilhelm 1979, 1994; Andreas and Lichvar 1995). The C of C is an ordinal weighting factor of the degree of conservatism (or fidelity) displayed by that species in relation to all other species of the region (Wilhelm and Ladd 1988; Wilhelm and Masters 1995; Andreas and Lichvar 1995) (Table 1). Although discussed in more detail below, it

Table 1. Summary of coefficients of conservatism used in the FQAI for vascular plants.

C of C	Description
0	Plants with a wide range of ecological tolerances. Often these are opportunistic invaders of natural areas (e.g. <i>Phragmites australis</i> , <i>Phalaris arundinacea</i>) or native taxa that are typically part of a ruderal community (e.g. <i>Polygonum pensylvanicum</i> , <i>Ambrosia artemisiifolia</i>)
1-2	Widespread taxa that are not typical of (or only marginally typical of) a particular community like <i>Solidago canadensis</i> or <i>Impatiens capensis</i>
3-5	Plants with an intermediate range of ecological tolerances that typify a stable phase of some native community, but persist under some disturbance (<i>Asclepias incarnata</i> , <i>Ulmus rubra</i> , <i>Spartina pectinata</i>)
6-8	Plants with a narrow range of ecological tolerances that typify a stable or near "climax" community (e.g. <i>Goodyera pubescens</i> , <i>Veronicastrum virginicum</i> , <i>Cephalanthus occidentalis</i>)
9-10	Plants with a narrow range of ecological tolerances that exhibit relatively high degrees of fidelity to a narrow range of habitat requirements (e.g. <i>Potamogeton robbinsii</i> , <i>Cypripedium candidum</i>)

must be stressed at the outset the C of C's in this index were *not* assigned based on the rarity of

particular species. In this regard the Ohio FQAI may differ from indexes developed elsewhere where rare, endangered or threatened species were given high coefficients regardless of their fidelity habitat requirements.

Similarly, it must be stressed that the Ohio FQAI was developed to "work" within a geographic region, i.e. the political boundaries of the State of Ohio. To the extent that ecological regions located within Ohio are shared by other states, the C of C's should be reflective of the fidelity of that species throughout the geographical extent of the shared region. For example, Ohio shares large areas of the Eastern Corn Belt Plains with Indiana, the glaciated and unglaciated Allegheny Plateau with Pennsylvania, and the unglaciated Allegheny Plateau and Interior Plateau with Kentucky (Woods et al. 1999).

Each C of C is an expression of the taxon's autecology as it relates to its fidelity to narrow or broad habitat requirements with respect to all other taxa in the flora. Assignment of a numerical value was based on the authors' collective extensive field experience in Ohio, information on herbarium labels primarily in herbaria at Kent State University (KE) and The Ohio State University (OS), and information obtained from local and regional manuals such as Voss (1972, 1985, 1996), Deam (1940) Furlow (1991), Fisher (1988), Braun (1961, 1967), Cooperrider (1995), Swink and Wilhelm (1994), USDA, NRCS (2002) and the *Flora of North America* volumes available as of December 2003.

The C of C's for vascular plants were assigned as follows:

- Plants with a wide range of ecological tolerances, and non-native taxa, were assigned a rank of 0. These species are often opportunistic invaders of natural areas, due to natural or human disturbances and frequently create extensive monocultures, e.g. common reed (*Phragmites australis*) and reed canary grass (*Phalaris arundinacea*). In addition, a

ranking of 0 was assigned to those native taxa that are typically part of a ruderal community, such as Pennsylvania smartweed (*Polygonum pennsylvanicum*) or common ragweed (*Ambrosia artemisiifolia*).

- ❑ Rankings of 1 and 2 were applied to taxa that are widespread and not typical of (or only marginally typical of) a particular community, e.g. *Solidago canadensis* and *Impatiens capensis*.
- ❑ Plants with an intermediate range of ecological tolerances were assigned average coefficients (3, 4, or 5). These taxa may be found in a stable phase of some native community, but persist under some disturbance. Examples include swamp milkweed (*Asclepias incarnata*) C of C = 4, slippery elm (*Ulmus rubra*) C of C = 3, and prairie cord grass (*Spartina pectinata*) C of C = 5.
- ❑ Rankings of 6 to 8 are applied to those plants that typify stable or near "climax" conditions. Examples include downy rattlesnake-plantain (*Goodyera pubescens*) C of C = 6, Culver's root (*Veronicastrum virginicum*) C of C = 7, and buttonbush (*Cephalanthus occidentalis*) C of C = 6.
- ❑ Plants with a narrow range of ecological tolerances were assigned high coefficients. Rankings of 9 and 10 were reserved for those



Figure 3. *Hymenoxys acaulis* (Lakeside Daisy) with Coefficient of Conservatism of 10. Grows in full sun on limestone pavement on Marblehead Peninsula, Ottawa Co., Ohio (Credit: Ohio DNR-DNAP).



Figure 4. *Trifolium stoloniferum* (Running Buffalo Clover) with a Coefficient of Conservatism of 5. Grows in open woods, forest clearings, and often in modified ecosystems (Credit: Ohio DNR-DNAP).

plants that exhibit relatively high degrees of fidelity to a narrow range of habitat requirements. Examples include Robin's pondweed (*Potamogeton robbinsii*) C of C = 10 and white lady's slipper (*Cypripedium candidum*) C of C = 9.

There are several other issues related to assigning coefficients. First, plants listed as threatened or endangered under the federal Endangered Species Act, or as threatened, endangered, or extirpated on the Ohio rare plant list (ODNR, DNAP 2002) are "rare" and frequently receive a high coefficient ranking, but there are exceptions. These plants may be rare for a number of reasons not related to the narrowness or breadth of their ecological tolerances.

For example, lakeside daisy (*Hymenoxys acaulis*) is federally endangered and only occurs in full sun on limestone pavement on Marblehead Peninsula, Ottawa County, Ohio (Figure 3). It has a ranking of 10 because of its very narrow habitat preferences. Conversely, running buffalo-clover (*Trifolium stoloniferum*) is federally endangered but occurs in open woods, forest clearings, and often in modified ecosystems (Figure 4). It receives an intermediate ranking of 5 even though it is endangered. Balsam poplar (*Populus balsamifera*) is listed as state endangered (Figure 5). It receives a relatively low ranking of 3. It is rare because it is at the edge of



Figure 5. *Populus balsamifera* (Balsam poplar). Coefficient of Conservatism of 3. At the edge of its range in Ohio but does not have specific habitat preferences (Credit: Ohio DNR-DNAP).

its range, but it does not have very specific habitat preferences.

Second, the coefficient of conservatism is independent of commonness. A plant may be widely distributed in Ohio, but predictably found in a limited number of habitats. For example, water willow (*Justicia americana*) is a common plant but it grows almost exclusively on gravel bars of mainstem rivers in Ohio (Figure 7). It receives a ranking of 9. Similarly, beechdrops (*Epifagus virginiana*) is common in beech-maple forests, but it only grows as a root parasite on beech trees (Figure 8). It receives a ranking of 10 because of its very narrow habitat.

Once the C of C's have been assigned, there are several formulas for calculating a floristic index. The formula most commonly used is,

$$I = \sum (CC_i) / \sqrt{N_{\text{native}}} \quad \text{Eqn. 6}$$

where I = the FQAI score, CC_i = the coefficient of conservatism of plant species i , and N_{native} = the total number of native species occurring in the community being evaluated.¹ Note that Equation 6 excludes non-native plants from the calculation of the index. Equation 6 is the original FQAI equation as formulated by Swink and Wilhelm (1979) and is the formulation used throughout this paper unless otherwise indicated.

The FQAI score calculated by Equation 6 has proven to be an excellent predictor of wetland degradation and intactness (Fennessy et al. 1998a and 1998b; Lopez and Fennessy 2002; Mack et al. 2000; Mack 2001). For example, the FQAI score correlates significantly with a semi-qualitative human disturbance gradient (Figure 11) and mean FQAI scores for wetlands decline as the width of natural buffers around the wetland are reduced (Figure 12).

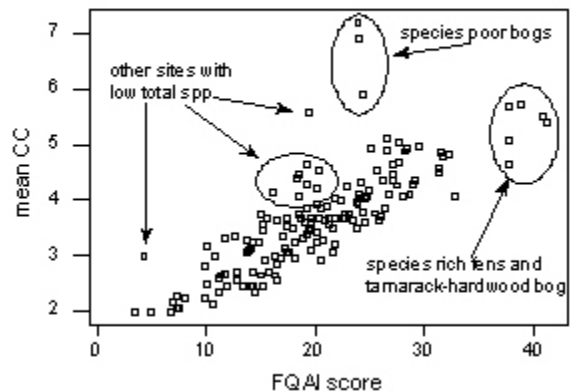


Figure 6. Comparison of mean C of C score (Equation 8) with FQAI score (Equation 6) for 156 Ohio wetlands sampled using a plot-based method.

Several variations on Equation 6 are possible. For example, N can be modified to include all species

¹ The FQAI scores should be consistently reported only to tenths (0.0). Since the C of C's are whole numbers, the rules of significant figures dictate that scores should be written as 00.0.



Figure 8. *Epifagus virginiana* (beech-drops). Coefficient of Conservatism of 10. This plant is parasitic on the roots of American beech trees (*Fagus grandifolia*). Credit: Jim Stasz - USDA Plants Database.

at a site, instead of just native species as in Equation 7:

$$I' = \sum (CC_i) / \sqrt{N_{\text{all species}}} \quad \text{Eqn. 7}$$

where I' = the modified FQAI score, CC_i = the coefficient of conservatism of plant species i , and $N_{\text{all species}}$ = the total number of species both native and non-native (Fennessy et al. 1998a, 1998b; Lopez and Fennessy 2002).

The basic equation can be simplified by calculating the mean of the ordinal C of C ranks, or

$$I'' = \sum CC_i / N_{\text{all species}} \quad \text{Eqn. 8}$$

where I'' = the modified FQAI score, CC_i = the

coefficient of conservatism of plant species i , and $N_{\text{all species}}$ = the total number of species both native and non-native (Rooney and Rogers 2002).

According to Rooney and Rogers (2002), Equation 8 is less sensitive to increases in species richness and sampling effort than Equations 6 and 7. An analysis of plot-based data from 156 Ohio wetlands indicates that high quality, species poor wetlands have higher scores using Equation 8 (mean C of C) than Equation 6 (FQAI score) when compared to species rich communities (Figure 6). For most wetland communities, the relative ranking is the same using either equation (Figure 6).

The coefficients of conservatism can be used as categorical variables. For example, an investigator may be interested in the relative abundance of plants with either high or low sensitivities to disturbance. Comprehensive, regionally calibrated lists of vascular plant species tolerances are generally lacking due to the number of species in the flora, the individualistic responses of plants to different types of disturbance, and the lack of experimental studies. Given this problem, the coefficients of conservatism provide a useful surrogate for experimentally derived species tolerances. To the extent a species has a narrow or broad range of natural ecological tolerances, this tolerance (or sensitivity) as ranked by the C of C's is a useful tool for evaluating its ability to tolerate



Figure 7. *Justicia americana* (water-willow). Coefficient of Conservatism of 9. Growing on a gravel bar in Big Darby Creek, Ohio. Credit: M. Lee - Ohio Department of Natural Resources, Division of Natural Areas and Preservers.

human disturbance. For example, the relative areal cover of plants with low C of C's can be summed to measure the dominance of "tolerant" species (Figure 12), as follows:

$$I''' = \sum (\%CC_{ij}) \quad \text{Eqn. 9}$$

where I''' = the sum of the relative cover of plants with one or more C of C scores, and $\%CC_{ij}$ = the relative cover of plant species i with C of C j (Mack et al. 2000; Mack 2001).

Finally, the C of C's can be used as the weighting factors in weighted average ordination as discussed above (Equation 5).

Selection of which equation to use will depend on the purpose of the investigation and preferences of the investigator. It is recommended that if an alternate equation is used (other than Equation 6) that Equation 6 also be calculated and reported for maximum comparability between studies.

APPLICATION

As with any tool, proper and appropriate use is of paramount importance. Once a species list is obtained, with or without abundance information, it is computationally simple to calculate any of the FQAI values discussed above. This simplicity of calculation is balanced by a need to be sensitive to several critical issues for using an FQAI system: sampling method, sampling effort, and plant community classification.

Sampling method and Sampling Effort

Selection of sampling method and standardization of sampling effort are important issues in any comparative study in vegetation ecology (Mueller-Dombois and Ellenberg 1974). The FQAI score is sensitive to sampling method and effort and care should be taken in comparing FQAI scores based on data from different methods or levels of effort.

For example, a detailed floristic inventory and a quantitative plant community characterization were undertaken at Daughmer Savannah, a 16 ha remnant consisting of oak savannah, mesic prairie, wet prairie, sedge meadow, and prairie pothole marsh (see photograph on cover) located in the formerly extensive Sandusky Plains Prairie complex in north central Ohio (Mack 2002). The oldest bur oak trees at Daughmer Savannah are at least 250 years old (Cho 1989).

The flora at Daughmer Savannah was qualitatively assessed in 1997 and 1998 by multiple site visits throughout the growing season in all of the different habitats of the site. Additionally in 1999, the plant communities at Daughmer Savannah were quantitatively characterized by establishing five 20m x 50m (0.1ha) plots in the different plant communities using the methods described in Peet et al. (1998). All species within the plots were identified to the lowest taxonomic level possible and percent cover was estimated.

The FQAI scores for the 5 plots ranged from 22.8 to 27.9 (plot 1 = mesic prairie, plot 2 = savannah with bluejoint swales, plot 3 = wet-mesic to mesic

prairie, plot 4 = savannah, plot 5 = wet prairie to sedge meadow). Aggregating the species lists from all five plots resulted in an FQAI score of 33.3 which was nearly 6 points higher than the score of the highest scoring single plot. In comparison, the result of a one year, spring-summer-fall, "qualitative" inventory was a score of 32.5. The FQAI score of a two year, spring-summer-fall qualitative inventory was 35.6, and aggregating the species lists from the all five plots and qualitative inventories resulted in a composite score of 38.4 (Figure 9).

It is well known that sample method and effort can affect the results of a vegetation survey (Mueller-Dombois and Ellenberg 1974). Sample method and effort can also affect the results of the FQAI. This raises several issues about its proper use:

- ❑ Caution should be used in comparing FQAI scores from different investigators or different studies unless it is determined that equivalent levels of floristic survey effort were used, especially for qualitative inventories.
- ❑ Compositing (pooling) species lists or quantitative data from different plant community types will almost always increase the overall score. FQAI scores from surveys of single plant communities will not generally be able to "compete" with scores based on lists from multiple different community types. Compositing of scores should generally be avoided unless the study expressly makes note of it. Where compositing is done, scores from the individual communities should also be reported.
- ❑ Calculating an FQAI score from a quantitative survey with a predetermined level of sampling effort provides the greatest assurance that the level of effort used is consistent and that relative comparisons of the scores can be made between studies and investigators, although scores based on complete floristic inventories made with similar effort by experienced botanists will also be comparable.

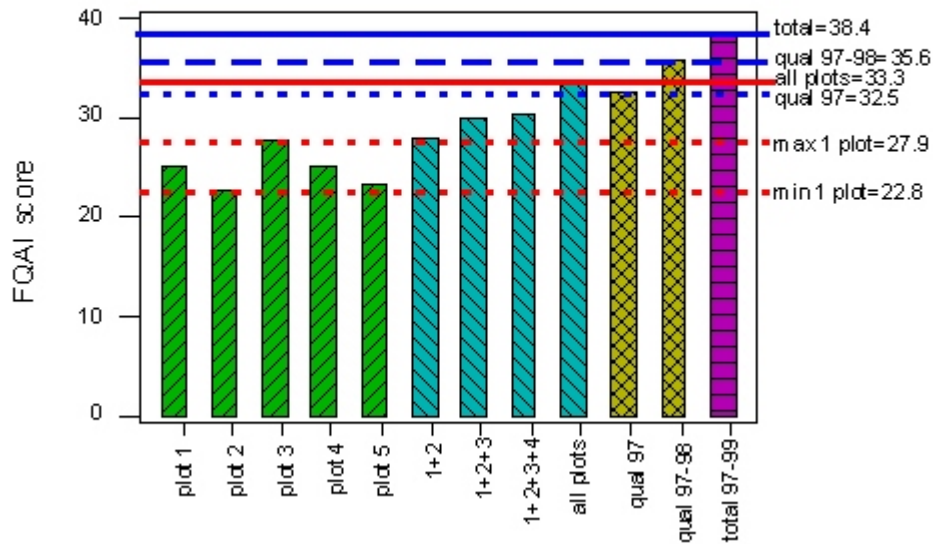


Figure 9. Comparison of Floristic Quality Assessment Index scores from Daughmer Oak Savannah, Crawford Co., Ohio. Plot 1, 2, 3, etc. (green with left slant) refer to 0.1ha (20x50) sample plots established in different dominant plant communities at Daughmer Savannah: plot 1 = mesic prairie, plot 2 = oak savannah with shaded bluejoint swales, plot 3 = wet to mesic prairie, plot 4 = oak savannah, plot 5 = prairie sedge meadow. Teal with right slant bars refer to FQAI scores from summations of species lists from individual plots, e.g. plot 1 plus plot 2, plot 1 plus plot 2 plus plot 3, etc. "Qual" refers to qualitative floristic inventories performed in 1997 and 1998 (gold bars with cross-hatching). "Total 97-99" (purple bar) refers to composite FQAI score from species lists from sample plots and qualitative floristic inventory.

Plant community effects

Coefficients of conservatism were assigned based on the narrowness or breadth of a particular plant species habitat preferences and ecological tolerances. It follows from this that an intact plant community with a naturally high proportion of habitat specialists will score higher than an equally intact plant community that is naturally dominated by more generalist species. In this situation, the difference in scores is not due to differences in floristic integrity but from differences in plant community types. Scores using Equation 6 for different wetland plant communities including sphagnum bogs, fens, sedge meadows, marshes, shrub swamps, and swamp forests show significant differences based on community type (Figure 10).

The data included in Figure 10 are from communities that are considered very good to excellent examples of that community type. For example mean FQAI score for marshes are significantly lower than mean scores for bog or fens. This makes sense because marshes contain

relatively few habitat specialists; many of the plants in marsh communities will grow in other types of wetland habitats, whereas fens and bogs have many habitat specialists. If the goal is to identify high quality marsh habitats for acquisition or protection, the FQAI score from a particular marsh should be compared to other marsh scores, not to a scores from a fen or bog. Systems like the FQAI are sometimes criticized as being biased towards bogs and fens. This is not so much a bias but an improper use of the system because of an insensitivity to inherent differences in plant communities.

Rooney and Rogers (2002) reached a similar conclusion after calculating a modified floristic quality index score for various types of Wisconsin upland and wetland plant communities. For example, scores from upland sand barren communities were lower on average than scores from northern upland forests for reasons not associated with the quality of the flora of sand barren communities. They conclude that such inter-community comparison is meaningless for conservation purposes.

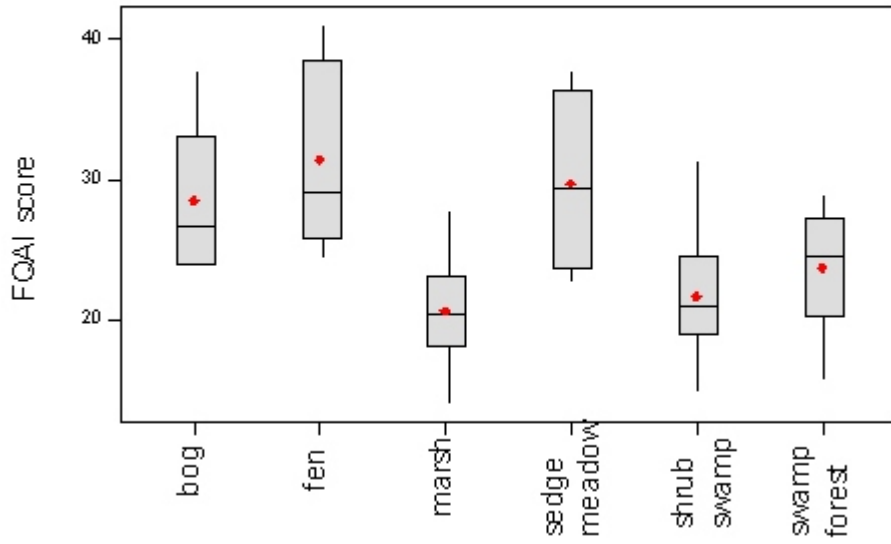


Figure 10. Box and whisker plots comparing mean FQAI scores for different plant community types. "Sedge meadow" includes sedge dominated wetlands that are not "fens" (deep soil prairie sedge meadows, Oak Openings sand prairies. Mean = red dot, median = horizontal bar in box, bottom and top of box 25th and 75th quartiles, respectively, whiskers = values outside 25th to 75th quartiles. Mean FQAI scores are significantly different (df = 156, F = 12.29, p < 0.001). Bog (28.4) = Fen (31.4) = Sedge meadow (29.8) > Marsh (20.6) = Shrub swamp (21.6) = Swamp forest (23.6) after Tukey's multiple comparison test (p < 0.05).

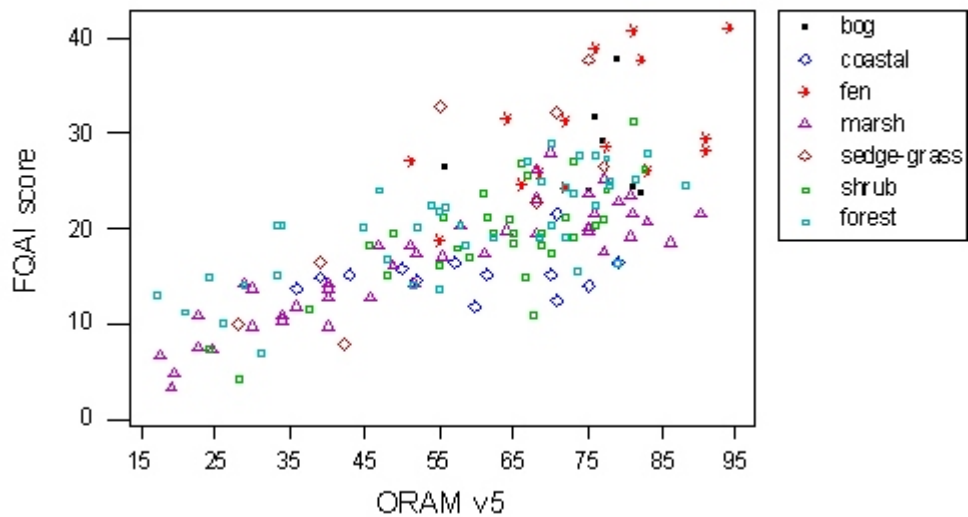


Figure 11. FQAI score versus Ohio Rapid Assessment Method v. 5.0 score used as a human disturbance gradient, 0 = high disturbance, 100 = low disturbance (df = 156, F = 170.7, R² = 52.1%, p < 0.001).

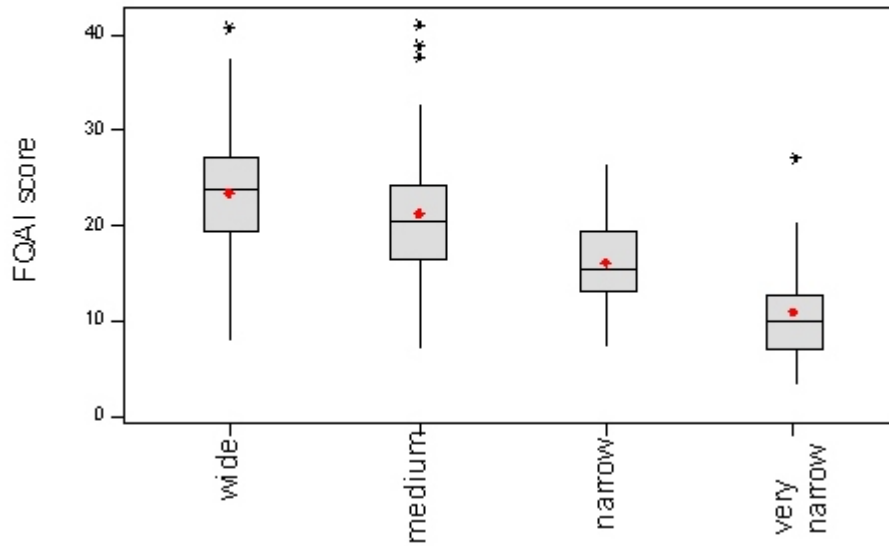


Figure 12. Box and whisker plots comparing mean FQAI scores for different average buffer width classes: wide = >50m, medium = 25-5m, narrow = 10-25m, very narrow = <10m. Mean = red dot, median = horizontal bar in box, bottom and top of box 25th and 75th quartiles, respectively, whiskers = values outside 25th to 75th quartiles. Mean FQAI scores are significantly different (df = 156, F = 22.9, p <0.001). Wide (23.5) = Medium (21.2) > narrow (16.1) > very narrow (10.8) after Tukey's multiple comparison test (p <0.05).

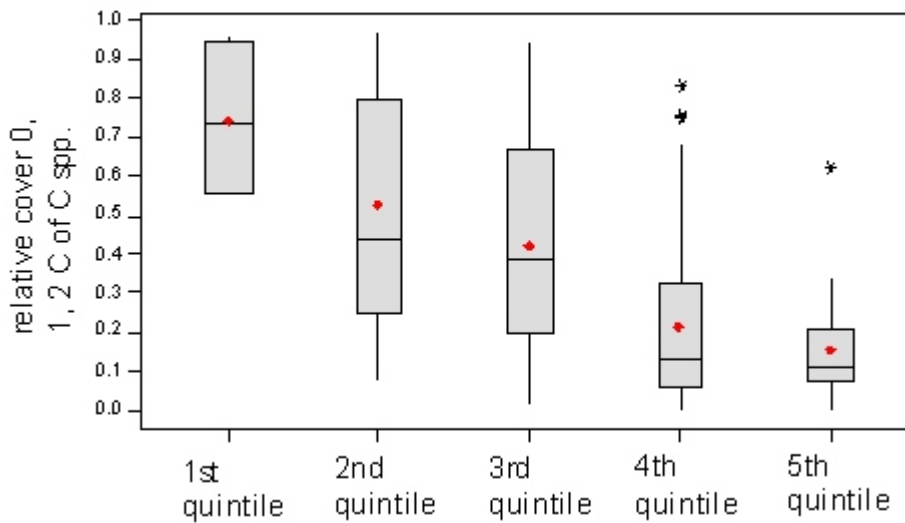


Figure 13. Box and whisker plots comparing relative cover of tolerant plant species (C of C's 0, 1, 2) for ORAM score quintiles (1 = 0-19.9, 2 = 20-39.9, 3 = 40-59.9, 4 = 60-79.9, 5 = 80-100). Mean = red dot, median = horizontal bar in box, bottom and top of box 25th and 75th quartiles, respectively, whiskers = values outside 25th to 75th quartiles. Mean FQAI scores are significantly different (df = 156, F = 15.2, p <0.001). Quintile 1 (74%) = Quintile 2 (52%) > Quintile 3 (42%) > Quintile 4 (21%) = Quintile 5 (16%) after Tukey's multiple comparison test (p <0.05).

Representative scores from different types of Ohio plant communities are provided in the next section. Scores derived from quantitative sampling of Ohio wetlands are provided in Table 2.

Example Calculations

Once a species list has been obtained for a site through quantitative sampling or qualitative floristic surveys, a FQAI score can be calculated relatively easily using a spreadsheet or statistical program. Relatively simple programs have also been developed to calculate the FQAI from quantitative data or qualitative surveys.²

Example calculations for data from a high quality leatherleaf bog are provided (Table 3). The first step is to assign each species on the list the appropriate C of C. Next, the C of C's are then summed. Third, a FQAI "N" must then be calculated: this is the number of native species excluding native species that can only be identified to genus. From these three basic steps, all of the various basic FQAI variant equations can be calculated (Table 3). Relative abundance is the sum of abundance values for a species divided by the summed abundance values of all species. Once relative abundances are calculated, they can be summed by C of C category or multiplied by the C of C's to obtain a weighted relative abundance. From these values, the weighted average ordination score or relative abundance of species by C of C class can be calculated (Table 3).

Example scores from selected natural areas in Ohio

The most common application of the FQAI will

² Hermann et al. (2001) state that a Windows™-based program is available for inventory and transect assessments from The Conservation Research Institute, 375 W. First St., Elmhurst, ILL 60126, 630-559-2018.

likely be the assessment of the floristic quality of various types of Ohio plant communities. With the cautions and recommendations discussed above in mind, example scores from selected communities are listed below. In many instances these communities are generally regarded as being some of the most intact and least disturbed examples in Ohio. All of these sites have been the focus of numerous botanical surveys, and complete species lists were available for each based on multi-visit and/or multi-year floristic inventories. Scores from wetlands sampled using single visit quantitative vegetation surveys are summarized in Table 2. Equation 6 was used to calculate the FQAI score.

EMERGENT MARSH

Calamus Swamp – **FQAI = 37.0, n=126**, where "n" means number of species occurring at a site. Calamus Swamp is an approximately 7.3 ha (18 acre) glacial kettle lake located in Pickaway County. The core of the wetland is lushly vegetated with a diversity of native species, and the perimeter is ringed with a narrow fringe of swamp forest. Even though no state-listed species are known to occur here, there are many species with coefficients between 4 and 7.

North Pond State Nature Preserve – **FQAI = 28.7, n=38**. This approximately 16.2 ha (40 acre) marsh is the best remaining wetland on the Lake Erie islands, but floristic composition varies depending on lake water levels. A few species of state-listed wetland plants occur here, but most are mid-range coefficient species. Scores from a sample plot focusing on the emergent areas and a plot focusing on the shrubbier margins yielded FQAI scores of 16.4 (n = 21) and 19.6 (n = 42), respectively. A combined score of both plots was 21.6 (n = 49).

PRAIRIE AND SAVANNAH

Caledonia (Claridon) Prairie – **FQAI = 43.4, n=144**. This 4.8 ha (12 acre) prairie remnant in Marion County is a linear strip between railroad

Table 2. Representative FQAI scores using a quantitative, plot-based sampling method. Data from Ohio EPA wetland data sets 1999-2002. Scores were calculated using Equation 6. “SNP” means a state nature preserve. Note how scores differ for sites where complete floristic inventories were available (Calamus Swamp, Daughmer Savannah, Gallagher Fen, Irwin Prairie, Wilson Swamp) discussed in the text.

type	name and location	score
High quality mixed emergent marsh	Marsh Wetlands SNP, Portage Co.	19.6
High quality mixed emergent marsh in former glacial kettle	Calamus Swamp, Pickaway Co.	21.0
High quality mixed emergent marsh	Eagle Creek SNP, Portage Co.	23.0
Good quality mixed emergent marsh	Rickenbacker, Franklin Co.	14.4
Very disturbed mixed emergent marsh	Palmer Rd., Fairfield Co.	6.6
High quality buttonbush swamp	Slate Run Metropark, Pickaway Co.	20.4
High quality buttonbush swamp	Gahanna Woods SNP, Franklin Co.	26.2
High quality buttonbush swamp	Wilson Swamp, St. Marys R. Oxbow, Mercer Co.	21.0
High quality mature swamp forest	Bradley Woods Metropark, Cuyahoga Co.	25.1
High quality mature swamp forest	Pawnee Rd., Medina Co.	28.9
High quality mature swamp forest	Crall Woods, Medina Co.	27.3
High quality vernal pool	Big Woods Park, Miami Co.	19.2
High quality vernal pool	Pallister Woods SNP, Ashtabula Co.	27.6
Degraded vernal pool	Graham Rd., Licking Co.	11.4
High quality prairie sedge meadow	Daughmer Savannah, Crawford Co.	22.7
High quality Oak Openings sand prairie	Irwin Prairie SNP, Lucas Co.	32.1
High quality Oak Openings sand prairie	Kitty Todd, Patton Tract, Lucas Co.	37.8
High quality calcareous fen with marl flats	Gallagher Fen, Clark Co.	40.9
High quality calcareous fen with marl flats	Prairie Rd. Fen, Clark Co.	38.8
High quality fen sedge meadow with prairie-fringed orchid	Cemetery Rd., Killbuck Swamp, Wayne Co.	25.7
High quality calcareous fen	Mantua Bog SNP, Portage Co.	41.1
High quality tamarack-hardwood bog	Oyer Tamarack Bog, Williams Co.	37.7
Large, very high quality leatherleaf bog	Singer Lake Bog, Summit Co.	23.8
Small, high quality kettle bog	Eagle Creek SNP, Portage Co.	24.3

Table 3. Example FQAI calculations using species and abundance data from a high quality leatherleaf bog at Singer Lake Bog, Summit County, Ohio. Species and abundance data collected from a 0.1ha plot (20x50m) and does not represent a complete floristic inventory of this site. Note that the C of C for *Sphagnum* could be included in the calculation if it had been identified to species (See Appendix B).

species	relative cover (A)	C of C (W)	A * W
<i>Calla palustris</i>	0.002	10	0.02
<i>Carex canescens</i>	0.0001	7	0.0007
<i>Carex oligosperma</i>	0.005	10	0.05
<i>Cephalanthus occidentalis</i>	0.011	6	0.066
<i>Chamaedaphne calyculata</i>	0.449	9	4.041
<i>Decodon verticillatus</i>	0.048	6	0.288
<i>Eriophorum virginicum</i>	0.007	10	0.07
<i>Nuphar advena</i>	0.020	4	0.08
<i>Polygonum amphibium</i>	0.005	4	0.02
<i>Sphagnum</i> sp.	0.449	*	---
<i>Toxicodendron vernix</i>	0.001	7	0.007
<i>Vaccinium corymbosum</i>	0.001	6	0.006
	Sum of relative cover (excluding <i>Sphagnum</i> sp.)	0.5491	
	Sum of A*W	4.6507	
	Sum C of C	79	
	FQAI N	11	
	FQAI score (Eqn. 6)	23.8	
	Average C of C	7.2	
	relative cover sensitive species (6-10)	0.524	
	Weighted average ordination score	8.875	

tracks and a county road, but is surprisingly intact. It is one of the best remaining relicts of the formerly expansive Sandusky Plains wet prairie that blanketed parts of Marion, Wyandot, and Crawford counties. There are a number of state-listed rare species here, and many plants with high coefficients.

Daughmer Savannah - **FQAI=38.4, n=147**. This is a 14 ha (35 acre) prairie and savannah remnant in Crawford County. Although prairie forb richness has been suppressed by sheep grazing, it is likely the best deep-soil savannah, mesic prairie, wet prairie, and prairie sedge meadow remnant in Ohio. The score is based on a combined species list from all habitats from surveys performed over 4 years.

FEN

Cedar Bog State Memorial – **FQAI vascular plants = 74.0, n=128; FQAI mosses = 45.4, n=105**. The vascular plant score is the highest score of any area the authors are aware of in Ohio. Cedar Bog is a calcareous fen that is unique in that northern white cedar (*Thuja occidentalis*) is a dominant component of woody communities. There are expanses of open fen meadow that harbor many state-listed rarities, and many species with coefficients of 8 or greater. Species of natives used to develop this score occurred in the open meadows or interspersed shrub zones.

Springfield (Gallagher) Fen – **FQAI vascular plants = 62.7, n=159; FQAI mosses = 25.3, n=28**. Springfield fen is comprised of two rich calcareous fen meadows totaling about 2.8 ha (7 acres). A quantitative, multi-year vegetation survey was performed using 403 quadrats (quadrats = 1 m²).

RED CEDAR BARRENS

Lynx Prairie – **FQAI mosses = 20.0, n=32**. Lynx Prairie, as described by Osterbrook and Snider (1985) is a 21.4 ha (53 acre) tract comprised of open red cedar (*Juniperus communis*) barrens and

limestone outcrops surrounded by oak-maple forests.

LIMESTONE CLIFF FACE

Clifton Gorge State Nature Preserve – **FQAI = 37.1, n=28** (only species growing directly on cliff faces or at the edge of the cliff top). This preserve is part of a deep gorge cut through limestone bedrock by the Little Miami River, and one of its defining characteristics are the large, sheer cliff faces, many of which are very undisturbed and support a good diversity of rock-dwelling plants. Many rare species are found here.

SANDSTONE CLIFF FACE

Conkle's Hollow State Nature Preserve – **FQAI = 32.2, n=20** (Only plants that grow on the cliff faces, along the precipices, or in the shaded sandy basal alcoves). This preserve is a relatively narrow box canyon carved through sandstone, featuring sheer undisturbed cliff faces. There are a few species of state-listed rare plants on the cliffs, including some obligate rock-face species like *Sullivantia* (*Sullivantia sullivantia*) and round-leaved catchfly (*Silene rotundifolia*).

TWIG-RUSH SEDGE MEADOW

Irwin Prairie State Nature Preserve – **FQAI = 45.9, n=89**. This habitat is very rare in Ohio, and the only remaining large expanses are in and around this preserve. The meadow studied here is about 20 ha (50 acres), and contains numerous state-listed rarities, including several species confined to the Oak Openings. There are a number of wet prairie species as well.

ALVARS

North Shore Alvar – **FQAI = 20.6, n=27**. Located along the shoreline of Kelley's Island, this is probably the most intact, unmolested alvar remaining in the state. While not very diverse botanically, there are several rare species that occur here.

Lakeside Daisy State Nature Preserve – **FQAI = 33.2, n=55**. This 7.7 ha (19 acre) site is essentially an alvar, although it has been modified by past quarrying activities. It is mostly open limestone pavement, with scattered ephemeral wetland pools. The flagship species is the federally threatened Lakeside Daisy (*Hymenoxys herbacea*) which is present in great numbers. There are nearly a dozen other state-listed rarities as well.

LAKE ERIE BEACH

Headlands Dunes State Nature Preserve – **FQAI = 32.9, n=23**. This is the most intact, undisturbed beach along the Ohio portion of Lake Erie. Very little recent disturbance has taken place, and the beach grass community is probably typical of what used to be found on other Lake Erie beaches. Several rare species are present including several that are beach-obligates, such as American beach grass (*Ammophila breviligulata*), beach pea (*Lathyrus maritimus*), and seaside spurge (*Euphorbia polygonifolia*).

SWAMP FOREST

Goll Woods State Nature Preserve – **FQAI = 46.7, n=103**. Goll Woods represents the only significant remaining tract of woods in the former Great Black Swamp region, and is well known for the old-growth timber that is present. The preserve is 130 ha (321 acres), but only species occurring within the mature woodlands were used to compile this score. There are a few state-listed species present, such as Three-birds orchid (*Triphora trianthophora*) and rock elm (*Ulmus thomasii*).

St. Marys River oxbow wetlands – **FQAI = 32.9, n=39**. The St. Marys River floodplain supports some of the best remaining riparian woodlands in western Ohio, an approximately 50-acre tract of wet, regularly inundated woods interspersed with flooded oxbows. This area is almost free of weedy species, and is known for harboring some of the most localized rarities in Ohio, such as catchfly grass (*Leersia lenticularis*), cuspidate dodder

(*Cuscuta cuspidata*), and lake cress (*Armoracia lacustris*).

MIXED MESOPHYTIC FOREST

Fowler Woods State Nature Preserve – **FQAI = 64.9, n=272**. Located in Richland County, Fowler Woods is one of the best remaining woodlands of its type. Containing about 40 ha (100 acres) of mature woodland, a diversity of habitats are encompassed within the forest, which resulted in the high score, as the woodland was treated as a unit and a complete species list was compiled. There are very few rare species, but many high coefficient plants. Most of the woodland is beech-sugar maple, with maple-ash inclusions, and two large buttonbush swamps. As comparison, the FQAI score from a single 0.1 ha sample plot located in a pumpkin ash swamp with Fowler Woods was 25.5 (n = 44).

OAK-HICKORY WOODLAND

Shawnee State Forest – **FQAI = 36.1, n=67**. This is the largest state forest at over 24,000 ha (60,000 acres), but the sample unit is only 4 ha (10 acres). However, it is an area that was burned in 1998, which reinvigorated the herbaceous understory. It is also in an area known for supporting rare flora of southern distribution, and there are several state-listed rare species present. Dominant trees are chestnut oak (*Quercus prinus*), with scattered shagbark hickory (*Carya ovata*), and a few blackjack oak (*Quercus marilandica*). Sixty-seven native species were recorded.

TEAYS RIVER LACUSTRINE WET MEADOW

Glade Wetland Preserve – **vascular plant FQAI = 30.4, n=277; moss FQAI = 14.4, n=13**. Possibly the only remaining example of this habitat type in the state, Glade Wetland is a 118 ha (292 acre) expanse of open, mostly wet fields that are in the process of being restored via fire management and restoration of original hydrology. It is located on thick, lacustrine silt deposits associated with the prehistoric Teays River. Several rarities are found here, including

the only known Ohio population of Wolf's spikerush (*Eleocharis wolfii*). As management progresses, it is expected that upland species will decrease, and additional high coefficient wetland plants will colonize the site.

BOG

Triangle Lake Bog – **FQAI = 38.5, n=44**. This 25 ha (61acre) site includes one of the most pristine kettle lake bogs remaining in Ohio. For purposes of compiling the list of species used to develop the score, only the open areas of bog mat and shrub zone inclusions were examined. There are a number of very rare bog obligates, including two-scaped bladderwort (*Utricularia geminiscapa*), as well as other bog species like pitcher-plant (*Sarracenia purpurea*) and round-leaved sundew (*Drosera rotundifolia*).

EXPLANATION OF APPENDICES

EXPLANATION OF APPENDIX A: OHIO VASCULAR PLANT DATABASE

The arrangement of the vascular plant database is alphabetical by genus and species with the authority and family name provided. Nomenclature and circumscription essentially follow Gleason and Cronquist (1991). Differences in nomenclature or circumscription from Gleason and Cronquist (1991) are noted by underlining the species name in Appendix A and by providing a synonym in Appendix C.

Coefficients of conservatism for native vascular plants were normally distributed although the distribution was slightly skewed to towards higher C of C's (Figure 14). With the recent review and updating of the flora of Ohio as represented by the *Seventh Catalog of the Vascular Plants of Ohio* (Cooperrider et al. 2001), the taxa listed in the Ohio Vascular Plant Database were compared to the taxa listed in the Cooperrider et al. (2001) (Table 4). Overall, there are relatively few differences between the Ohio Plant Database in Appendix A and Cooperrider et al. (2001). The main difference is that Appendix A only lists varieties and subspecies separately where differences in habitat preferences resulted in different C of C's for the variety or subspecies. Other differences include different opinions as to whether a particular species is native or non-native to Ohio; elevating a variety or subspecies to specific rank or vice versa; or whether a species is legitimately included in Ohio's flora.

Only native species were given C of C ranks between 0 and 10. Native species are those taxa presumed to be present in the region prior to European settlement. The native status of a taxon was determined from reviewing Fernald (1950), Braun (1961, 1967), Voss (1972, 1985, and 1996), Cooperrider (1985), Furlow (1991), Gleason and Cronquist (1991), Cooperrider et al (2001),

USDA, NRCS (2002) the *Flora of North America* volumes listed in the reference section, and journal articles.

Non-native taxa have been assigned the value of 0. They are excluded from the calculation of the FQAI in Equation 6 and are preceded with an asterisk in the coefficient of conservatism column. Additionally, the scientific name of non-native taxa is printed in BOLD TYPE. Examples of common non-native plants include chicory (*Cichorium intybus*) and queen Anne's lace (*Daucus carota*).

When both native and non-native populations of a species (or native and non-native varieties) are known in Ohio, or where a species or variety is native in one part of Ohio but adventive elsewhere (e.g. *Campsis radicans*), several approaches were used in Appendix A. A few plants in the Ohio plant database are listed twice, once in normal typeface and once in CAPS, and information is provided in the footnotes as to the status of native and non-native populations (e.g. *Najas marina*, *Phlox subulata*, *Pinus strobus*).

Table 4. Summary table of Appendix A and Appendix E comparing results to numbers from the 7th catalog (Cooperrider et al. 2001).

	Appendix A	7 th Catalog
native species and infraspecific taxa	1794	1904
native hybrids	1	115
naturalized non-native taxa including infraspecific taxa	550	527
non-native taxa (in Appendix E not in Appendix A)	298	428
TOTALS	2643	2974

When there are both native and non-native varieties of the same species, these may also be listed in the database twice, with the native variety in normal typeface and the non-native variety in CAPS (e.g. *Descurainia pinnata*, *Fragaria vesca*, *Symphoricarpus albus*).

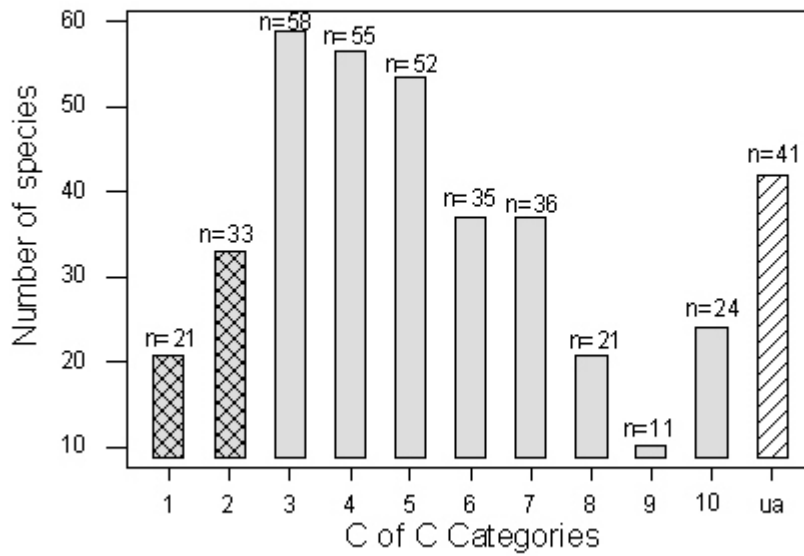
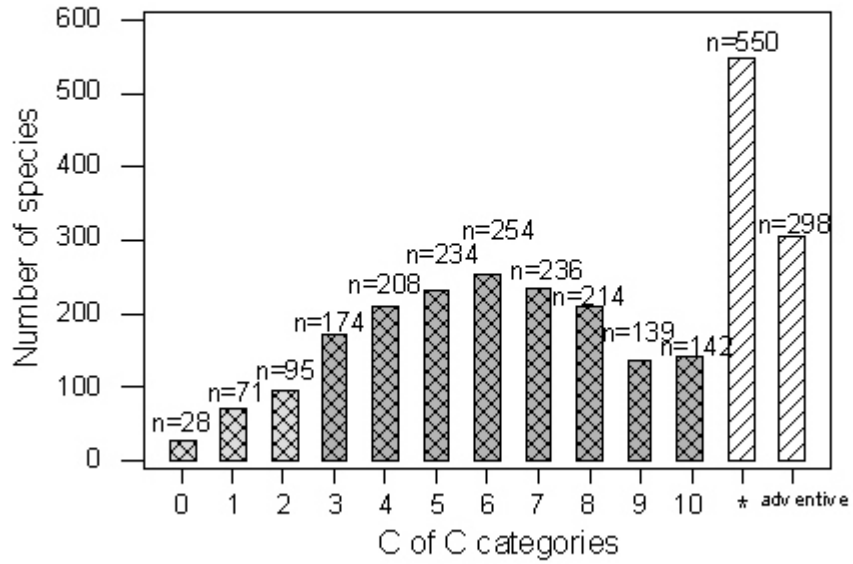


Figure 15. Histogram of coefficients of conservatism categories and number of unassigned C of C's in the Ohio Moss Database in Appendix B.

Finally, the issue of nativity in only one part of the state was often addressed in a footnote for that species (e.g. *Achillea millefolium*, *Aralia spinosa*, *Artemesia campestris*, *Campsis radicans*, *Cardamine palustris*, *Desmanthus illinoensis*, *Filipendula rubra*, *Gymnocladus dioicus*, *Humulus lupulus*, *Hydrangea arborescens*, *Physalis longifolia*, *Polygonum lapathifolium*, *Veronica peregrina*, *Thuja occidentalis*).

Each taxon is preceded with a 6-letter acronym. This generally represents the first three letters of the genus followed by the first three letters of the specific epithet. The exceptions are where duplicate names would occur and a nonintuitive generic acronym was created (e.g. CX for *Carex*). Where varieties or subspecies are listed separately, a 7th letter was added to distinguish the variety or subspecies.

A common name is provided for each plant. Common names were generally selected from Gleason and Cronquist (1991), Voss (1972, 1985, and 1996), or Cooperrider et al (2001) or are innovations of the authors.

Additional information is provided for each taxon. In the column labeled "group," the taxonomic class to which the taxon belongs is listed: SVP = seedless vascular plant, MONO = monocotyledon, DI = dicotyledon, and GYMN = gymnosperm. Life history information is provided with AN = annual, PE = perennial, BI = biennial and W=woody. Physiognomic categories (tree, small tree, shrub, vine, forb, grass, sedge, fern) are provided in the column labeled "form." Information for all of the preceding categories was obtained primarily from Gleason and Cronquist (1991).

Wetland categories (Reed 1988, 1997) are provided for each native taxon. For taxa not provided with a wetland indicator status in Reed (1988), the status provided by Reed (1997) was used (if one was listed) or a determination was made based on the authors' familiarity with the plant and the indicator status was listed in brackets. The wetland categories are UPL (upland), FACU (facultative upland), FAC (facultative), FACW (facultative wetland) and OBL (obligate wetland). The several facultative

categories may also have a + or - modifier (e.g. FACW+). See Reed (1988, 1997) for definitions of these categories.

EXPLANATION OF APPENDIX B: OHIO MOSS DATABASE

The arrangement of the moss database is alphabetical by genus and species with the family name provided. Nomenclature and circumscription essentially follow Anderson, Crum and Buck (1990) and Anderson (1990). Appendix B includes 387 of the 400 Ohio moss taxa (385 species and 15 varieties) listed in Snider and Andreas (1996). All Ohio mosses are considered to be native (Snider and Andreas, 1996). Unless a variety has a distinct habitat, varieties are listed together and have the same coefficients of conservatism. A rare intergeneric hybrid, *Pleuriditrichum marylandicum* Andrews & Hermann (a putative hybrid between *Pleuridium subulatum* (Hedw.) Rabenh. and *Ditrichum pallidum* (Hedw.) Hampe), known from a site in Jackson County, is not included in the moss database.

The assignment of a numerical value for the coefficient of conservatism is based on the same principles used in the vascular plant database: 1) the author's (Andreas) extensive field experience in Ohio, 2) descriptions of habitat preferences in local and regional manuals, and 3) a survey of information on herbarium labels primarily in herbaria at the University of Cincinnati (UC), Kent State University (KE), and The Ohio State University (OS). The moss values are intended to be used in conjunction with vascular plants when mosses are included in the floristic list of a natural area, although separate indices could also be calculated for the vascular and nonvascular flora of an area. The distribution of moss C of C's is summarized in Figure 15.

Species often associated with human disturbance, such as *Bryum argenteum* Hedw., *Ceratodon purpureus* (Hedw.) Brid. var. *purpureus* and *Funaria hygrometrica* Hedw., and are found on a variety of substrates, receive numerical values of

“1.” Several Ohio taxa, such as *Bryum algovicum* Sendtn. ex C. Müll. var. *algovicum*, *Desmatodon plinthobius* Sull. & Lesq. in Sull., *Grimmia plagiopodia* Hedw., *G. pulvinata* (Hedw.) Sm. var. *pulvinata*, and *Jaffuelobryum wrightii* (Sull. in Gray) Thér., are presently known to grow only on man-made structures such as cement walls, tombstones and bridges. Although rare in distribution, these taxa are also considered plants of disturbed areas and are assigned coefficient of conservatism values of 1.

Taxa common to a variety of substrates and habitats receive values of 2 and 3. Examples include *Polytrichum commune* Hedw. and *Thuidium delicatulum* (Hedw.) Schimp. in B.S.G. Both species occur in a variety of habitats such as roadside banks, mature forests, and edges of wetlands.

There are some moss taxa that have low community affiliation but are specific to a natural substrate. These taxa receive values of 4-6. For example, *Anacamptodon splachnoides* (Fröl. ex Brid.) Brid. is found on bark in the crotch of hardwood tree trunks in a wide range of habitats.

Taxa affiliated with mature communities, and which are somewhat substrate-specific, receive values of 7-8. An example is *Dicranum fulvum* Hook., which typically grows on sandstone boulders in a variety of mature forest types.

Mosses growing in specific plant communities and on specific substrates receive values of 9-10. Examples of the latter would include *Bryoxiphium norvegicum* (Brid.) Mitt. and *Pohlia elongata* Hedw. var. *elongata* (both limited to moist sandstone cliffs in shaded ravines); *Anomodon viticulosus* (Hedw.) Hook. & Tayl. (limited to exposed limestone boulders in oak forests); and *Hamatocaulis vernicosus* (Mitt.) Hedenäs (limited to highly minerotrophic peatlands).

Some taxa are given the code “ua” (unassigned) in the coefficient of conservatism column. Plants given this assignment are from two situations. The first is taxa whose distribution for Ohio comes from literature sources (such as Crum and Anderson, 1981) but for which there are no known herbarium records. An example is *Cyrtomnium*

hymenophylloides (Hüb.) Nyh. ex T. Kop., reported in Crum and Anderson (1981) and whose Ohio distribution is unknown. The second group includes historical records reported in the literature (e.g. Geisy 1957), but these specimens have yet to be located or verified. An example is *Encalypta ciliata* Hedw., reported by Geisy (1957) as occurring in Ottawa County, but no herbarium specimen has been located. In both situations, until further field knowledge is gained, or herbarium records are located, a numerical value cannot be assigned.

In many manuals mosses are separated into either acrocarpous or pleurocarpous body forms. Acrocarps (A) produce a sporophyte at the end of the main stem and are therefore unbranched or sparsely branched and grow as tufts. Pleurocarps (P) produce sporophytes laterally and are usually prostrate and form mats.

The column “Life Cycles” refers to the condition of the gametophyte plant body. In most genera the leafy gametophyte (gametophore) is commonly perennial (P). In several genera such as *Pogonatum* and *Buxbaumia*, the gametophore is inconspicuous and ephemeral, and the protonema is persistent or perennial. Annuals are common in a few families (e.g. the Funariaceae), where the plant goes from spore to spore in one season. For these latter two situations the symbol A/E is used. Life cycle information was taken from Crum and Anderson (1981) and Ireland (1982).

EXPLANATION OF APPENDIX C: SELECTED SYNONYMS

For its completeness, identification keys, and availability to the general botanical community, Gleason and Cronquist (1991) is followed for nomenclature and circumscription. With the publication of more and more volumes of *The Flora of North America North of Mexico* (FNA) by the Flora of North American Editorial Committee, new treatments have been proposed. With a few exceptions, e.g. *Panicum* and *Dichantherium*, the FNA treatment was used in

Appendix A with the name of a species in Gleason and Cronquist (1991) provided as a synonym in Appendix C. For example, the current treatment of FNA (Vol. 2) uses the scientific name *Huperzia lucidula* (FNA, Vol. 2) instead of *Lycopodium lucidulum*, which is listed in synonymy. Other common synonyms were also provided in Appendix C when it was felt there inclusion would aid the user.

squamigera and *Spiraea japonica*) or from non-natural habitats like cemeteries, vicinities around greenhouses, landfills or gardens, it was removed from Appendix A and alphabetically listed in Appendix E. New additions to Ohio's non-native flora can be assigned an asterisk or a zero score depending on the equation used.

EXPLANATION OF APPENDIX D: FOOTNOTES

Appendix D includes additional information regarding specific taxa. These footnotes are arranged in numeric order. Many footnotes refer to the inclusion of one taxon within another (for example *Bromus pubescens* Muhl. ex Willd. includes plants known by the rejected name *Bromus purgans* L.). Other footnotes list varieties included within a taxon (for example, *Campanula aparinoides* Pursh includes both varieties: *C. aparinoides* var. *aparinoides* and *C. aparinoides* var. *grandiflora* Holz). Other footnotes refer to situations where the plant is indigenous within part of its range, but may be escaped from cultivation elsewhere in the state (for example, *Campsis radicans*). Recent additions to Ohio's flora are also noted as problematic issues of nomenclature or circumscription. Occasionally the "nativeness" of a taxon is questioned, such as *Penstemon tubaeformis*. Often the information included in Appendix D reflects the thinking of the authors during the compilation of Appendix A.

EXPLANATION OF APPENDIX E: LIST OF OHIO ADVENTIVE TAXA

Non-native species which have become naturalized in Ohio's flora and can be encountered in natural habitats are included in Appendix A. To keep Appendix A uncluttered, infrequently observed non-native, adventive taxon were deleted from Appendix A. If the adventive taxa is known from less than 3 counties based on published distribution maps or is known from only one or two Ohio collections (for example, *Lycoris*

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APPENDICES

APPENDIX A - OHIO VASCULAR PLANT DATABASE

APPENDIX B - OHIO MOSS DATABASE

APPENDIX C - SELECTED VASCULAR PLANT SYNONYMS

APPENDIX D - FOOTNOTES FOR OHIO VASCULAR PLANT DATABASE

APPENDIX E - OCCASIONAL ADVENTIVE VASCULAR PLANT SPECIES

APPENDIX A
OHIO VASCULAR PLANT DATABASE

Acronym	CofC	Scientific Name	Authority	syn	Family	fn	Common Name	WET	Form	Habit	Group
ABUTHE	*	<i>ABUTILON THEOPHRASTI</i>	Medik.		Malvaceae		VELVETLEAF	UPL	forb	AN	DI
ACADEA	0	<i>Acalypha deamii</i>	(Weath.) Ahles.	syn	Euphorbiaceae	1	DEAM'S TWO-SEEDED MERCURY	[FAC]	forb	AN	DI
ACAOST	*	<i>ACALYPHA OSTRYIFOLIA</i>	Riddell		Euphorbiaceae		HORNBEAM THREE-S. MERCURY	[FACU-]	forb	AN	DI
ACARHO	0	<i>Acalypha rhomboidea</i>	Raf.	syn	Euphorbiaceae		RHOMBIC THREE-S. MERCURY	FACU-	forb	AN	DI
ACAVIR	0	<i>Acalypha virginica</i>	L.	syn	Euphorbiaceae		VIRGINIA THREE-S. MERCURY	FACU-	forb	AN	DI
ACENEG	3	<i>Acer negundo</i>	L.		Aceraceae	2	BOX ELDER	FAC+	tree	W	DI
ACEPEN	10	<i>Acer pensylvanicum</i>	L.		Aceraceae		STRIPED MAPLE	FACU	tree	W	DI
ACEPLA	*	<i>ACER PLATANOIDES</i>	L.		Aceraceae		NORWAY MAPLE	UPL	tree	W	DI
ACERUB	2	<i>Acer rubrum</i>	L.		Aceraceae	3	RED MAPLE	FAC	tree	W	DI
ACESAC	3	<i>Acer saccharinum</i>	L.		Aceraceae		SILVER MAPLE	[FAC	tree	W	DI
ACESAR	5	<i>Acer saccharum</i>	Marshall		Aceraceae	4	SUGAR MAPLE	FACU-	tree	W	DI
ACESPI	8	<i>Acer spicatum</i>	Lam.		Aceraceae		MOUNTAIN MAPLE	FACU-	tree	W	DI
ACHMIL	1	<i>Achillea millefolium</i>	DC.		Asteraceae	5	YARROW	FACU	forb	PE	DI
ACONOV	10	<i>Aconitum noveboracense</i>	A. Gray		Ranunculaceae		NORTHERN MONKSHOOD	[UPL]	forb	PE	DI
ACOUNC	10	<i>Aconitum uncinatum</i>	L.		Ranunculaceae		SOUTHERN MONKSHOOD	[FAC+]	forb	PE	DI
ACOAME	6	<i>Acorus americanus</i>	(Raf.) Raf.		Acoraceae		AMERICAN SWEET-FLAG	[OBL]	forb	PE	DI
ACOCAL	*	<i>ACORUS CALAMUS</i>	L.		Acoraceae		SWEET-FLAG	OBL	forb	PE	DI
ACTALB	7	<i>Actaea alba</i>	(L.) Mill.	syn	Ranunculaceae		WHITE BANE BERRY	UPL	forb	PE	DI
ACTRUB	7	<i>Actaea rubra</i>	(Aiton) Willd.		Ranunculaceae		RED BANE BERRY	UPL	forb	PE	DI
ADIPED	6	<i>Adiantum pedatum</i>	L.		Pteridaceae		MAIDENHAIR FERN	FAC-	fern	PE	SVP
ADLFUN	8	<i>Adlumia fungosa</i>	(Aiton) Greene ex B.S.P.		Fumariaceae		MOUNTAIN-FRINGE	[UPL]	forb	BI	DI

APPENDIX A
OHIO VASCULAR PLANT DATABASE

Acronym	CofC	Scientific Name	Authority	syn	Family	fn	Common Name	WET	Form	Habit	Group
AEGPOD	*	<i>AEGOPODIUM PODAGRARIA</i>	L.		Apiaceae		GOUTWEED	FACU	forb	PE	DI
AESFLA	7	<i>Aesculus flava</i>	Aiton	syn	Hippocastanaceae	6	YELLOW BUCKEYE	[UPL]	tree	W	DI
AESGLA	6	<i>Aesculus glabra</i>	Willd.		Hippocastanaceae	7	OHIO BUCKEYE	FACU+	tree	W	DI
AGAAUR	8	<i>Agalinis auriculata</i>	(Michx.) S.F. Blake	syn	Scrophulariaceae		EAR-LEAVED FOXGLOVE	[UPL]	forb	AN	DI
AGAGAT	8	<i>Agalinis gattingeri</i>	(Small) Small ex Britton	syn	Scophulariaceae		GATTINGER'S FOXGLOVE	[FACW]	forb	AN	DI
AGAPUP	10	<i>Agalinis purpurea</i> (L.) Pennell var. <i>parviflora</i>	(Benth.) B. Boivin	syn	Scophulariaceae		SMALL PURPLE FOXGLOVE	FACW+	forb	AN	DI
AGAPUP	6	<i>Agalinis purpurea</i> var. <i>purpurea</i>	(L.) Pennell	syn	Scophulariaceae		LARGE PURPLE FOXGLOVE	FACW-	forb	AN	DI
AGASKI	10	<i>Agalinis skinneriana</i>	(A.W. Wood) Britton	syn	Scophulariaceae	8	SKINNER'S FOXGLOVE	[FACW]	forb	AN	DI
AGATEN	4	<i>Agalinis tenuifolia</i>	(M. Vahl) Raf.	syn	Scophulariaceae	9	SLENDER FOXGLOVE	FAC	forb	AN	DI
AGANEP	4	<i>Agastache nepetoides</i>	(L.) Kuntze		Lamiaceae		YELLOW GIANT-HYSSOP	FACU	forb	PE	DI
AGASCR	4	<i>Agastache scrophulariifolia</i>	(Willd.) Kuntze		Lamiaceae		PURPLE GIANT-HYSSOP	[UPL]	forb	PE	DI
AGRGRY	3	<i>Agrimonia gryposepala</i>	Wallr.		Rosaceae		TALL AGRIMONY	FACU	forb	PE	DI
AGRPAR	2	<i>Agrimonia parviflora</i>	Aiton		Rosaceae		SMALL-FLOWERED AGRIMONY	FAC	forb	PE	DI
AGRPUB	5	<i>Agrimonia pubescens</i>	Wallr.		Rosaceae		DOWNY AGRIMONY	[UPL]	forb	PE	DI
AGRROS	5	<i>Agrimonia rostellata</i>	Wallr.		Rosaceae		WOODLAND AGRIMONY	FACU	forb	PE	DI
AGRSTR	7	<i>Agrimonia striata</i>	Michx.		Rosaceae		LINED AGRIMONY	FACU-	forb	PE	DI
ARGGIT	*	<i>AGROSTEMMA GITHAGO</i>	L.		Caryophyllaceae		CORN-COCKLE	[FACU]	forb	BI	DI
AGRCAP	*	<i>AGROSTIS CAPILLARIS</i>	L.		Poaceae	10	RHODE ISLAND BENT GRASS	[UPL]	grass	PE	MONO
AGRELL	5	<i>Agrostis elliotiana</i>	Schult.		Poaceae		ELLIOTT'S BENT GRASS	[UPL]	grass	AN	MONO
ARGGIG	*	<i>AGROSTIS GIGANTEA</i>	Roth	syn	Poaceae	11	REDTOP	FACW	grass	PE	MONO
AGRHYE	3	<i>Agrostis hyemalis</i>	(Walter) B.S.P.		Poaceae	12	TICKLEGRASS	FAC	grass	PE	MONO

APPENDIX A
OHIO VASCULAR PLANT DATABASE

Acronym	CofC	Scientific Name	Authority	syn	Family	fn	Common Name	WET	Form	Habit	Group
AGRPER	4	<i>Agrostis perennans</i>	(Walter) Tuck.		Poaceae		AUTUMN BENT GRASS	FACU	grass	PE	MONO
AGRSTO	*	<i>AGROSTIS STOLONIFERA</i>	L.	syn	Poaceae	13	CREEPING BENT GRASS	FACW	grass	PE	MONO
AGRTEA	*	<i>AGROSTIS TENUIS</i>	Sibth.	syn	Poaceae		COLONIAL BENT GRASS	[FACU-]	grass	PE	MONO
AILALT	*	<i>AILANTHUS ALTISSIMA</i>	(Mill.) Swingle		Simaroubaceae		TREE-OF-HEAVEN	FACU-	tree	W	DI
AJUREP	*	<i>AJUGA REPTANS</i>	L.		Lamiaceae		CARPET BUGLE-WEED	[UPL]	forb	PE	DI
AKEQUI	*	<i>AKEBIA QUINATA</i>	(Houtt.) Decne.		Lardizabalaceae		CHOCOLATE-VINE	[UPL]	vine	W	DI
ALBJUL	*	<i>ALBIZIA JULIBRISSIN</i>	Durazz.		Mimosaceae		SILK-TREE	[UPL]	tree	W	DI
ALEFAR	8	<i>Aletris farinosa</i>	L.		Liliaceae		COLIC-ROOT	FAC	forb	PE	MONO
ALISUB	2	<i>Alisma subcordatum</i>	Raf.	syn	Alismataceae	14	SOUTHERN WATER-PLANTAIN	OBL	forb	PE	MONO
ALITRI	6	<i>Alisma triviale</i>	Pursh	syn	Alismataceae		NORTHERN WATER-PLANTAIN	[OBL]	forb	PE	MONO
ALLPET	*	<i>ALLIARIA PETIOLATA</i>	(M. Bieb.) Cavara & Grande	syn	Brassicaceae		GARLIC MUSTARD	FACU-	forb	BI	DI
ALLCAN	2	<i>Allium canadense</i>	L.		Liliaceae		WILD GARLIC	FACU	forb	PE	MONO
ALLCER	5	<i>Allium cernuum</i>	Roth		Liliaceae		NODDING WILD ONION	[FACU]	forb	PE	MONO
ALLSAT	*	<i>ALLIUM SATIVUM</i>	L.		Liliaceae		GARLIC	[UPL]	forb	PE	MONO
ALLTRI	5	<i>Allium tricoccum</i>	Aiton		Liliaceae	15	WILD LEEK	FACU+	forb	PE	MONO
ALLVIN	*	<i>ALLIUM VINEALE</i>	L.		Liliaceae		FIELD GARLIC	FACU-	forb	PE	MONO
ALNGLU	*	<i>ALNUS GLUTINOSA</i>	(L.) Gaertn.		Betulaceae		BLACK ALDER	FACW-	shrub	W	DI
ALNINC	6	<i>Alnus incana</i>	(L.) Moench	syn	Betulaceae	16	SPECKLED ALDER	FACW+	shrub	W	DI
ALNSER	6	<i>Alnus serrulata</i>	(Aiton) Willd.		Betulaceae		SMOOTH ALDER	OBL	shrub	W	DI
ALOAEG	3	<i>Alopecurus aequalis</i>	Sobol.		Poaceae		SHORT-AWNED FOXTAIL	OBL	grass	PE	MONO
ALOCAR	1	<i>Alopecurus carolinianus</i>	Walter		Poaceae		CAROLINA FOXTAIL	FACW	grass	AN	MONO

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Acronym	CofC	Scientific Name	Authority	syn	Family	fn	Common Name	WET	Form	Habit	Group
ALTOFF	*	<i>ALTHAEA OFFICINALIS</i>	L.		Malvaceae		MARSH-MALLOW	FACW+	forb	PE	DI
ALTROS	*	<i>ALTHAEA ROSEA</i>	(L.) Cav.	syn	Malvaceae		HOLLYHOCK	[UPL]	forb	BI	DI
ALYALY	*	<i>ALYSSUM ALYSSOIDES</i>	(L.) L.		Brassicaceae		ALYSSUM	[UPL]	forb	AN	DI
AMAALB	0	<i>Amaranthus albus</i>	L.		Amaranthaceae		TUMBLEWEED	FACU	forb	AN	DI
AMABLI	*	<i>AMARANTHUS BLITOIDES</i>	S. Watson		Amaranthaceae	17	MAT AMARANTH	[UPL]	forb	AN	DI
AMAHYB	*	<i>AMARANTHUS HYBRIDUS</i>	L.		Amaranthaceae		SMOOTH PIGWEED	[UPL]	forb	AN	DI
AMARET	*	<i>AMARANTHUS RETROFLEXUS</i>	L.		Amaranthaceae		REDROOT	FACU	forb	AN	DI
AMARUD	*	<i>AMARANTHUS RUDIS</i>	Sauer	syn	Amaranthaceae	18	WESTERN AMARANTH	FACW-	forb	AN	DI
AMASPI	*	<i>AMARANTHUS SPINOSUS</i>	L.		Amaranthaceae		SPINY AMARANTH	FACU	forb	AN	DI
AMATUB	1	<i>Amaranthus tuberculatus</i>	(Moq.) J.D. Sauer		Amaranthaceae		TUBERCLED AMARANTH	FACW	forb	AN	DI
AMBART	0	<i>Ambrosia artemisiifolia</i>	L.		Asteraceae		COMMON RAGWEED	FACU	forb	AN	DI
AMBBID	1	<i>Ambrosia bidentata</i>	Michx.		Asteraceae		LANCELEAVED RAGWEED	[UPL]	forb	AN	DI
AMBPSI	*	<i>AMBROSIA PSILOSTACHYA</i>	DC.		Asteraceae		WESTERN RAGWEED	FACU-	forb	PE	DI
AMBTRI	0	<i>Ambrosia trifida</i>	L.		Asteraceae		GIANT RAGWEED	FAC	forb	AN	DI
AMEARB	5	<i>Amelanchier arborea</i>	(F. Michx.) Fernald		Rosaceae		DOWNY SERVICEBERRY	FAC-	sm	W	DI
AMEINT	4	<i>Amelanchier interior</i>	Nielsen		Rosaceae	19	INTERIOR SERVICEBERRY	[FACU]	sm	W	DI
AMELAE	5	<i>Amelanchier laevis</i>	Wiegand		Rosaceae		SMOOTH SERVICEBERRY	[FAC]	sm	W	DI
AMESAN	7	<i>Amelanchier sanguinea</i>	(Pursh) DC.		Rosaceae		ROCK SERVICEBERRY	[UPL]	sm	W	DI
AMESPI	7	<i>Amelanchier spicata</i>	(Lam.) K. Koch		Rosaceae		DWARF SERVICEBERRY	[FACU]	sm	W	DI
AMMCO	7	<i>Ammannia coccinea</i>	Rottb.		Lythraceae		LONG-LEAVED TOOTH-CUP	OBL	forb	AN	DI
AMMRO	7	<i>Ammannia robusta</i>	Heer & Regel		Lythraceae		SESSILE TOOTH-CUP	OBL	forb	AN	DI

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AMMBRE	10	<i>Ammophila breviligulata</i>	Fernald		Poaceae		BEACH GRASS	FACU-	grass	PE	DI
AMOFRU	3	<i>Amorpha fruticosa</i>	L.		Fabaceae		FALSE INDIGO	FACW	forb	PE	DI
AMPALB	1	<i>Ampelamus albidus</i>	(Nutt.) Britton	syn	Asclepiadaceae		SAND-VINE	FAC	vine	PE	DI
AMPBRE	*	<i>AMPELOPSIS BREVIPEDUNCULATA</i>	(Maxim.) Trautv.		Vitaceae		PORCELAIN-BERRY	[UPL]	vine	W	DI
AMPCOR	7	<i>Ampelopsis cordata</i>	Michx.		Vitaceae		RACCOON-GRAPE	FAC+	vine	W	DI
AMPDRA	*	<i>AMPHIACHYRIS DRACUNCULOIDES</i>	(DC.) Nutt.		Asteraceae		BROOMWEED	[UPL]	forb	AN	DI
AMPBRA	4	<i>Amphicarpaea bracteata</i>	(L.) Fernald		Fabaceae	20	HOG-PEANUT	FAC	forb	PE	DI
ANAARV	*	<i>ANAGALLIS ARVENSIS</i>	L.		Primulaceae		SCARLET PIMPERNEL	[FACU]	forb	AN	DI
ANAMAR	5	<i>Anaphalis margaritacea</i>	(L.) Benth. & Hook.		Asteraceae		PEARLY EVERLASTING	[UPL]	forb	PE	DI
ANDGLA	10	<i>Andromeda glaucophylla</i>	Link.	syn	Ericaceae		BOG-ROSEMARY	OBL	shrub	W	DI
ANDGER	5	<i>Andropogon gerardii</i>	Vitman	syn	Poaceae		BIG BLUESTEM	FAC	grass	PE	MONO
ANDVIRA	6	<u><i>Andropogon glomeratus</i></u>	(Walter) B.S.P.	syn	Poaceae		BUSHY BROOM-SEDGE	FACW+	grass	PE	MONO
ANDGYR	3	<i>Andropogon gyrans</i>	Ashe	syn	Poaceae		ELLIOTT'S BEARD GRASS	[UPL]	grass	PE	MONO
ANDVIRV	3	<i>Andropogon virginicus</i>	L.	syn	Poaceae		COMMON BROOM-SEDGE	FACU	grass	PE	MONO
ANDOCC	10	<i>Androsace occidentalis</i>	Pursh		Primulaceae		WESTERN ROCK-JASMINE	[FACU]	forb	AN	DI
ANECAN	5	<i>Anemone canadensis</i>	L.		Ranunculaceae		CANADA ANEMONE	FACW	forb	PE	DI
ANECYL	8	<i>Anemone cylindrica</i>	A. Gray		Ranunculaceae		PRAIRIE THIMBLEWEED	[UPL]	forb	PE	DI
ANEQUI	5	<i>Anemone quinquefolia</i>	L.		Ranunculaceae		WOOD ANEMONE	FACU	forb	PE	DI
ANEVIR	3	<i>Anemone virginiana</i>	L.		Ranunculaceae		WOODLAND THIMBLEWEED	FACU	forb	PE	DI
ANETHA	6	<i>Anemonella thalictroides</i>	(L.) Spach.	syn	Ranunculaceae		RUE ANEMONE	[UPL]	forb	PE	DI
ANGATR	6	<i>Angelica atropurpurea</i>	L.		Apiaceae		PURPLE-STEMMED ANGELICA	OBL	forb	PE	DI

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ANGVEN	6	<i>Angelica venenosa</i>	(Greenway) Fernald		Apiaceae		HAIRY ANGELICA	[FACU]	forb	PE	DI
ANOCRI	*	<i>ANODA CRISTATA</i>	(L.) Schlechtend.		Malvaceae		SPURRED ANODA	UPL	forb	AN	DI
ANTNEG	1	<i>Antennaria neglecta</i>	Greene		Asteraceae	21	FIELD PUSSY-TOES	FACU-	forb	PE	DI
ANTPLA	1	<i>Antennaria plantaginifolia</i>	(L.) Richardson		Asteraceae	22	PLANTAIN-LEAVED PUSSY-TOES	[UPL]	forb	PE	DI
ANTSOL	3	<i>Antennaria solitaria</i>	Rydb.		Asteraceae		SINGLE-HEADED PUSSY-TOES	[UPL]	forb	PE	DI
ANTVIR	9	<i>Antennaria virginica</i>	Stebbins		Asteraceae		SHALE BARREN PUSSY-TOES	[UPL]	forb	PE	DI
ANTARV	*	<i>ANTHEMIS ARVENSIS</i>	L.		Asteraceae		CORN-CHAMOMILE	[UPL]	forb	AN	DI
ANTCOT	*	<i>ANTHEMIS COTULA</i>	L.		Asteraceae		DOGFENNEL	FACU-	forb	AN	DI
ANTTIN	*	<i>ANTHEMIS TINCTORIA</i>	L.		Asteraceae		YELLOW CHAMOMILE	[UPL]	forb	PE	DI
ANTODO	*	<i>ANTHOXANTHUM ODORATUM</i>	L.		Poaceae		SWEET VERNAL GRASS	FACU	grass	PE	MONO
APIAME	3	<i>Apios americana</i>	Medik.		Fabaceae		COMMON GROUNDNUT	FACW	forb	PE	DI
APLHYE	7	<i>Aplectrum hyemale</i>	(Muhl. ex Willd.) Torr.		Orchidaceae		PUTTY ROOT	FAC	forb	PE	MONO
APOAND	6	<i>Apocynum androsaemifolium</i>	L.		Apocynaceae		SPREADING DOGBANE	FACU-	forb	PE	DI
APOCAN	1	<i>Apocynum cannabinum</i>	L.		Apocynaceae		INDIAN HEMP	FACU	forb	PE	DI
APOSIB	4	<i>Apocynum sibiricum</i>	Jacq.	syn	Apocynaceae		CLASPING-LEAVED DOGBANE	FAC	forb	PE	DI
AQUCAN	6	<i>Aquilegia canadensis</i>	L.		Ranunculaceae		WILD COLUMBINE	FAC	forb	PE	DI
ARATHA	*	<i>ARABIDOPSIS THALIANA</i>	(L.) Heynh.		Brassicaceae		MOUSE-EAR CRESS	[UPL]	forb	AN	DI
ARACAN	5	<i>Arabis canadensis</i>	L.		Brassicaceae		SICKLE-POD	[UPL]	forb	BI	DI
ARADIV	9	<i>Arabis divaricarpa</i>	A. Nelson		Brassicaceae		LIMESTONE ROCKCRESS	FACU	forb	BI	DI
ARADRU	9	<i>Arabis drummondii</i>	A. Gray		Brassicaceae		DRUMMOND'S ROCKCRESS	FACU	forb	BI	DI
ARAGLA	3	<i>Arabis glabra</i>	(L.) Bernh.		Brassicaceae		TOWER MUSTARD	[UPL]	forb	BI	DI

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ARAHIRA	4	<i>Arabis hirsuta</i> (L.) Scop. var. <i>adpressipilis</i>	(M. Hopkins) Rollins		Brassicaceae		SMALL HAIRY ROCK CRESS	FACU	forb	BI	DI
ARAHIRP	6	<i>Arabis hirsuta</i> (L.) Scop. var. <i>pycnocarpa</i>	(M. Hopkins) Rollins		Brassicaceae		WESTERN HAIRY ROCK CRESS	FACU	forb	BI	DI
ARALAE	4	<i>Arabis laevigata</i>	(Muhl. ex Willd.) Poir.		Brassicaceae		SMOOTH ROCK CRESS	[UPL]	forb	BI	DI
ARALYR	6	<i>Arabis lyrata</i>	L.		Brassicaceae		LYRE-LEAF ROCK CRESS	FACU	forb	BI	DI
ARAMIS	9	<i>Arabis missouriensis</i>	Greene		Brassicaceae		MISSOURI ROCK CRESS	[UPL]	forb	BI	DI
ARAPAT	10	<i>Arabis patens</i>	Sull.		Brassicaceae		SPREADING ROCK CRESS	[UPL]	forb	BI	DI
ARASHO	7	<i>Arabis shortii</i>	(Fernald) Gleason		Brassicaceae	23	SHORT'S ROCK CRESS	[UPL]	forb	PE	DI
ARAHIS	7	<i>Aralia hispida</i>	Vent.		Araliaceae		BRISTLY SARSAPARILLA	[UPL]	forb	PE	DI
ARANUD	5	<i>Aralia nudicaulis</i>	L.		Araliaceae		WILD SARSAPARILLA	FACU	forb	PE	DI
ARARAC	5	<i>Aralia racemosa</i>	L.		Araliaceae		SPIKENARD	[UPL]	forb	PE	DI
ARASPI	5	<i>Aralia spinosa</i>	L.		Araliaceae	24	DEVIL'S WALKINGSTICK	FAC	shrub	W	DI
ARCLAP	*	<i>ARCTIUM LAPPA</i>	L.		Asteraceae		GREAT BURDOCK	[FACU+]	forb	BI	DI
ARCMIN	*	<i>ARCTIUM MINUS</i>	Berhn.		Asteraceae		COMMON BURDOCK	FACU-	forb	BI	DI
ARCUVA	10	<i>Arctostaphylos uva-ursi</i>	(L.) Spreng.		Ericaceae	25	BEARBERRY	[UPL]	shrub	W	DI
ARELAT	7	<i>Arenaria lateriflora</i>	L.	syn	Caryophyllaceae		GROVE SANDWORT	[FACU-]	forb	PE	DI
AREPAT	9	<i>Arenaria patula</i>	Michx.	syn	Caryophyllaceae		SPREADING SANDWORT	[UPL]	forb	AN	DI
ARESER	*	<i>ARENARIA SERPYLLIFOLIA</i>	L.		Caryophyllaceae		THYME-LEAVED SANDWORT	FAC	forb	AN	DI
ARESTR	10	<i>Arenaria stricta</i>	Michx.	syn	Caryophyllaceae		ROCK SANDWORT	[UPL]	forb	PE	DI
AREBUL	10	<i>Arethusa bulbosa</i>	L.		Orchidaceae		DRAGON'S MOUTH	OBL	forb	PE	MONO
ARIDRA	5	<i>Arisaema dracontium</i>	(L.) Schott		Araceae		GREEN DRAGON	FACW	forb	PE	MONO
ARITRIS	7	<i>Arisaema triphyllum</i> subsp. <i>stewardsonii</i>	(Britton) Huttleston	syn	Araceae		SWAMP JACK-IN-THE-PULPIT	[FACW-]	forb	PE	MONO

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ARITRIT	3	<i>Arisaema triphyllum</i> subsp. <i>triphyllum</i>	(L.) Schott	syn	Araceae		JACK-IN-THE-PULPIT	[FACU-]	forb	PE	MONO
ARIDIC	1	<i>Aristida dichotoma</i>	Michx.		Poaceae		POVERTY GRASS	UPL	grass	AN	MONO
ARILONG	8	<i>Aristida longespica</i> Poir. var. <i>geniculata</i>	(Raf.) Fernald	syn	Poaceae		FALSE ARROW-FEATHER	[UPL]	grass	AN	MONO
ARILONL	4	<i>Aristida longespica</i> var. <i>longespica</i>	Poir.	syn	Poaceae		THREE-AWNED GRASS	UPL	grass	AN	MONO
ARIOLI	1	<i>Aristida oligantha</i>	Michx.		Poaceae		PLAINS THREE-AWNED GRASS	[UPL]	grass	AN	MONO
ARIPUR	7	<i>Aristida purpurascens</i>	Poir.		Poaceae		PURPLE THREE-AWNED GRASS	[UPL]	grass	PE	MONO
ARISER	7	<i>Aristolochia serpentaria</i>	L.		Aristolochiaceae		VIRGINIA SNAKEROOT	[UPL]	forb	PE	DI
ARITOM	*	ARISTOLOCHIA TOMENTOSA	Sims		Aristolochiaceae		PIPE-VINE	FAC	vine	W	DI
ARMLAC	10	<i>Armoracia lacustris</i>	(A. Gray) Al-Sheh. & V.M. Bates	syn	Brassicaceae		LAKE CRESS	OBL	forb	PE	DI
AROARB	9	<i>Aronia arbutifolia</i>	(L.) Pers.	syn	Rosaceae	535	RED CHOKEBERRY	FACW	shrub	W	DI
AROMEL	5	<i>Aronia melanocarpa</i>	(Michx.) Elliott	syn	Rosaceae	26	BLACK CHOKEBERRY	FAC	shrub	W	DI
ARRELA	*	ARRHENATHERUM ELATIUS	P. Beauv.		Poaceae		TALL OATGRASS	FACU	grass	PE	MONO
ARTANN	*	ARTEMISIA ANNUA	L.		Asteraceae		ANNUAL WORMWOOD	FACU	forb	AN	DI
ARTBIE	*	ARTEMISIA BIENNIS	Willd.		Asteraceae		BIENNIAL WORMWOOD	FACU-	forb	BI	DI
ARTCAM	10	<i>Artemisia campestris</i> L. var. <i>caudata</i>	(Michx.) E.J. Palm. & Steyerm.	syn	Asteraceae	27	BEACH WORMWOOD	[FAC+]	forb	PE	DI
ARTLUD	*	ARTEMISIA LUDOVICIANA	Nutt.		Asteraceae	28	WESTERN MUGWORT	[UPL]	forb	PE	DI
ARTPON	*	ARTEMISIA PONTICA	L.		Asteraceae		ROMAN WORMWOOD	[UPL]	forb	PE	DI
ARTVUL	*	ARTEMISIA VULGARIS	L.		Asteraceae		COMMON MUGWORT	FACU-	forb	PE	DI
ARTHIS	*	ARTHRAOXON HISPIDUS	(Thunb.) Makino		Poaceae		HAIRY JOINT GRASS	FAC	grass	AN	MONO
ARUDIO	6	<i>Aruncus dioicus</i>	(Walter) Fernald		Rosaceae		GOAT'S-BEARD	FACU	forb	PE	DI
ARUGIG	7	<i>Arundinaria gigantea</i>	(Walter) Muhl.		Poaceae	29	GIANT CANE	FACW	grass	PE	MONO

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ASACAN	6	<i>Asarum canadense</i>	L.		Aristolochiaceae	30	WILD GINGER	FACU-	forb	PE	DI
ASCAMP	7	<i>Asclepias amplexicaulis</i>	Sm.		Asclepiadaceae		CLASPING-LEAVED MILKWEED	[UPL]	forb	PE	DI
ASCEXA	8	<i>Asclepias exaltata</i>	L.		Asclepiadaceae		POKE MILKWEED	FACU	forb	PE	DI
ASCHIR	8	<i>Asclepias hirtella</i>	(Pennell) Woodson		Asclepiadaceae		SAND MILKWEED	[UPL]	forb	PE	DI
ASCINC	4	<i>Asclepias incarnata</i>	L.		Asclepiadaceae		SWAMP MILKWEED	OBL	forb	PE	DI
ASCPUR	7	<i>Asclepias purpurascens</i>	L.		Asclepiadaceae		PURPLE MILKWEED	FACU	forb	PE	DI
ASCQUA	6	<i>Asclepias quadrifolia</i>	Jacq.		Asclepiadaceae		FOUR-LEAVED MILKWEED	[UPL]	forb	PE	DI
ASCSUL	8	<i>Asclepias sullivantii</i>	Engelm. ex A. Gray		Asclepiadaceae		SULLIVANT'S MILKWEED	[UPL]	forb	PE	DI
ASCSYR	1	<i>Asclepias syriaca</i>	L.		Asclepiadaceae		COMMON MILKWEED	FACU-	forb	PE	DI
ASCTUB	4	<i>Asclepias tuberosa</i>	L.		Asclepiadaceae		BUTTERFLY-WEED	[UPL]	forb	PE	DI
ASCVAR	7	<i>Asclepias variegata</i>	L.		Asclepiadaceae		WHITE MILKWEED	FACU	forb	PE	DI
ASCVER	4	<i>Asclepias verticillata</i>	L.		Asclepiadaceae		WHORLED MILKWEED	[UPL]	forb	PE	DI
ASCVIR	5	<i>Asclepias viridiflora</i>	Raf.		Asclepiadaceae		GREEN MILKWEED	[UPL]	forb	PE	DI
ASCVID	7	<i>Asclepias viridis</i>	Walter		Asclepiadaceae		SPIDER MILKWEED	[UPL]	forb	PE	DI
ASITRI	6	<i>Asimina triloba</i>	(L.) Dunal		Annonaceae		PAWPAW	FACU+	sm	W	DI
ASPOFF	*	<i>ASPARAGUS OFFICINALIS</i>	L.		Liliaceae		ASPARAGUS	FACU	forb	PE	MONO
ASPBRA	8	<i>Asplenium bradleyi</i>	DC. Eaton		Aspleniaceae		BRADLEY'S SPLEENWORT	[UPL]	fern	PE	SVP
ASPMON	7	<i>Asplenium montanum</i>	Willd.		Aspleniaceae		MOUNTAIN SPLEENWORT	[UPL]	fern	PE	SVP
ASPPIN	8	<i>Asplenium pinnatifidum</i>	Nutt.		Aspleniaceae		LOBED SPLEENWORT	[UPL]	fern	PE	SVP
ASPPLA	3	<i>Asplenium platyneuron</i>	(L.) B.S.P.		Aspleniaceae		EBONY SPLEENWORT	FACU	fern	PE	SVP
ASPRES	7	<i>Asplenium resiliens</i>	Kunze		Aspleniaceae		BLACK-STEMMED SPLEENWORT	[UPL]	fern	PE	SVP

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ASPRHI	7	<i>Asplenium rhizophyllum</i>	L.	syn	Aspleniaceae		WALKING FERN	[UPL]	fern	PE	SVP
ASPRUT	10	<i>Asplenium ruta-muraria</i>	L.		Aspleniaceae		WALL-RUE	[UPL]	fern	PE	SVP
ASPTRI	7	<i>Asplenium trichomanes</i>	L.		Aspleniaceae	31	MAIDENHAIR SPLEENWORT	[UPL]	fern	PE	SVP
ASTACU	8	<i>Aster acuminatus</i>	Michx.		Asteraceae		MOUNTAIN ASTER	FACU+	forb	PE	DI
ASTBOR	9	<i>Aster borealis</i>	Prov.	syn	Asteraceae	32	NORTHERN BOG ASTER	OBL	forb	PE	DI
ASTBRA	*	<i>ASTER BRACHYACTIS</i>	S.F. Blake		Asteraceae		WESTERN ANNUAL ASTER	[FAC]	forb	AN	DI
ASTCOR	4	<i>Aster cordifolius</i>	L.		Asteraceae		BLUE WOOD ASTER	[UPL]	forb	PE	DI
ASTDIV	5	<i>Aster divaricatus</i>	L.		Asteraceae		WHITE WOOD ASTER	[UPL]	forb	PE	DI
ASTDRU	6	<i>Aster drummondii</i>	Lindl.		Asteraceae		DRUMMOND'S ASTER	[UPL]	forb	PE	DI
ASTDUM	9	<i>Aster dumosus</i>	L.		Asteraceae	33	BUSHY ASTER	FAC	forb	PE	DI
ASTERI	2	<i>Aster ericoides</i>	L.		Asteraceae	34	WHITE HEATH ASTER	FACU	forb	PE	DI
ASTFIR	7	<i>Aster firmus</i>	Nees	syn	Asteraceae	35	SHINING ASTER	[OBL]	forb	PE	DI
ASTINF	8	<i>Aster infirmus</i>	Michx.		Asteraceae		WEAK ASTER	[UPL]	forb	PE	DI
ASTLAE	6	<i>Aster laevis</i>	L.		Asteraceae		SMOOTH ASTER	UPL	forb	PE	DI
ASTLAN	3	<i>Aster lanceolatus</i>	Willd.	syn	Asteraceae	36	EASTERN LINED ASTER	[FACW]	forb	PE	DI
ASTLAT	2	<i>Aster lateriflorus</i>	(L.) Britton		Asteraceae		CALICO ASTER	FACW-	forb	PE	DI
ASTLIN	8	<i>Aster linariifolius</i>	L.		Asteraceae		STIFF ASTER	[UPL]	forb	PE	DI
ASTLOW	6	<i>Aster lowrieanus</i>	T.C. Porter		Asteraceae	37	LOWRIES' ASTER	[UPL]	forb	PE	DI
ASTMAC	5	<i>Aster macrophyllus</i>	L.		Asteraceae		BIG-LEAVED ASTER	UPL	forb	PE	DI
ASTNOV	2	<i>Aster novae-angliae</i>	L.		Asteraceae		NEW ENGLAND ASTER	FACW-	forb	PE	DI
ASTOBL	7	<i>Aster oblongifolius</i>	Nutt.		Asteraceae		SHALE BARREN ASTER	[UPL]	forb	PE	DI

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Acronym	CofC	Scientific Name	Authority	syn	Family	fn	Common Name	WET	Form	Habit	Group
ASTONT	7	<i>Aster ontarionis</i>	Wiegand		Asteraceae		BOTTOMLAND ASTER	FAC	forb	PE	DI
ASTOOL	7	<i>Aster oolentangiensis</i>	Riddell	syn	Asteraceae	38	SKY BLUE ASTER	[UPL]	forb	PE	DI
ASTPAT	6	<i>Aster patens</i>	Aiton		Asteraceae	39	CLASPING-LEAVED ASTER	[UPL]	forb	PE	DI
ASTPTR	4	<i>Aster paternus</i>	Cronquist		Asteraceae		TOOTHED WHITE-TOPPED ASTER	[UPL]	forb	PE	DI
ASTPIL	1	<i>Aster pilosus</i>	Willd.		Asteraceae	40	AWL ASTER	UPL	forb	PE	DI
ASTPRA	6	<i>Aster praealtus</i>	Poir.		Asteraceae		VEINY LINED ASTER	FACW	forb	PE	DI
ASTPRE	4	<i>Aster prenanthoides</i>	Muhl. ex Willd.		Asteraceae		ZIGZAG ASTER	FAC	forb	PE	DI
ASTPUN	7	<i>Aster puniceus</i>	L.		Asteraceae	41	FEN ASTER	OBL	forb	PE	DI
ASTRAC	2	<i>Aster racemosus</i>	Elliott	syn	Asteraceae		SMALL-HEADED ASTER	FACW	forb	PE	DI
ASTSAG	3	<i>Aster sagittifolius</i>	Wedem. ex Willd.	syn	Asteraceae		ARROW-LEAVED ASTER	[UPL]	forb	PE	DI
ASTSCH	5	<i>Aster schreberi</i>	Nees		Asteraceae		LARGE-LEAVED ASTER	[FACU+]	forb	PE	DI
ASTSHO	4	<i>Aster shortii</i>	Lindl.		Asteraceae		SHORT'S ASTER	[UPL]	forb	PE	DI
ASTSOL	8	<i>Aster solidagineus</i>	Michx.		Asteraceae		NARROW-LEAVED ASTER	[UPL]	forb	PE	DI
ASTSUB	*	<i>ASTER SUBULATUS</i>	Michx.		Asteraceae		ANNUAL SALT-MARSH ASTER	OBL	forb	AN	DI
ASTSUR	9	<i>Aster surculosus</i>	Michx.		Asteraceae		CREEPING ASTER	[UPL]	forb	PE	DI
ASTUMB	3	<i>Aster umbellatus</i>	Mill.		Asteraceae		FLAT-TOPPED WHITE ASTER	FACW	forb	PE	DI
ASTUND	3	<i>Aster undulatus</i>	L.		Asteraceae		CLASPING HEART-LEAVED	[UPL]	forb	PE	DI
ASTCAN	3	<i>Astragalus canadensis</i>	L.		Fabaceae		CANADA MILK-VETCH	FAC	forb	PE	DI
ASTNEG	10	<i>Astragalus neglectus</i>	(Torr. & A. Gray) E. Sheld.		Fabaceae		COOPER'S MILK-VETCH	FACU	forb	PE	DI
ATHFEL	5	<i>Athyrium filix-femina</i>	(L.) Roth ex Mert.		Dryopteridaceae	42	LADY FERN	FAC	fern	PE	SVP
ATHPYC	8	<i>Athyrium pycnocarpon</i>	(Spreng.) Tidestr.	syn	Dryopteridaceae		NARROW-LEAVED GLADE FERN	FAC	fern	PE	SVP

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ATHTHE	6	<i>Athyrium thelypteroides</i>	(Michx.) Desv.	syn	Dryopteridaceae		SILVERY GLADE FERN	FAC	fern	PE	SVP
ATRPAT	*	<i>ATRIPLEX PATULA</i>	L.		Chenopodiaceae	43	SPEAR-SCALE	FACW	forb	AN	DI
AURFLA	7	<i>Aureolaria flava</i>	(L.) Farw.	syn	Scrophulariaceae	44	SMALL FALSE FOXGLOVE	[UPL]	forb	PE	DI
AURLAE	8	<i>Aureolaria laevigata</i>	(Raf.) Raf.	syn	Scrophulariaceae		APPALACH. FALSE FOXGLOVE	[UPL]	forb	PE	DI
AURPED	10	<i>Aureolaria pedicularia</i> (L.) Raf. var. <i>ambigens</i>	(Fernald) Farw.	syn	Scrophulariaceae		PRAIRIE FERN-LEAVED FALSE F.	[UPL]	forb	AN	DI
AURPED	8	<i>Aureolaria pedicularia</i> var. <i>pedicularia</i>	(L.) Raf.	syn	Scrophulariaceae		WOODLAND FERN-LEAVED	[UPL]	forb	AN	DI
AURVIR	8	<i>Aureolaria virginica</i>	(L.) Pennell	syn	Scrophulariaceae		DOWNY FALSE FOXGLOVE	[UPL]	forb	PE	DI
AZOCAR	*	<i>AZOLLA CAROLINIANA</i>	Willd.		Salviniaceae	45	MOSQUITO-FERN	OBL	fern	PE	SVP
BAP AUS	6	<i>Baptisia australis</i>	(L.) R. Br.		Fabaceae		BLUE FALSE INDIGO	[FACU-]	forb	PE	DI
BAP LAC	8	<i>Baptisia lactea</i>	(Raf.) Thieret	syn	Fabaceae		WHITE FALSE INDIGO	FACU	forb	PE	DI
BAP TIN	6	<i>Baptisia tinctoria</i>	(L.) R. Br.		Fabaceae	46	YELLOW FALSE INDIGO	[UPL]	forb	PE	DI
BARVER	*	<i>BARBAREA VERNA</i>	(Mill.) Asch.		Brassicaceae		EARLY WINTER CRESS	[UPL]	forb	BI	DI
BARVUL	*	<i>BARBAREA VULGARIS</i>	R. Br.		Brassicaceae		YELLOW ROCKET	FACU	forb	BI	DI
BARPAN	10	<i>Bartonia paniculata</i>	(Michx.) Muhl.		Gentianaceae	47	TWINING SCREWSTEM	OBL	forb	AN	DI
BARVIR	6	<i>Bartonia virginica</i>	(L.) B.S.P.		Gentianaceae		SCREW-STEM	FACW	forb	AN	DI
BELCHI	*	<i>BELAMCANDA CHINENSIS</i>	(L.) DC.		Iridaceae		BLACKBERRY-LILY	[UPL]	forb	PE	MONO
BELPER	*	<i>BELLIS PERENNIS</i>	L.		Asteraceae		ENGLISH DAISY	[UPL]	forb	PE	DI
BERTHU	*	<i>BERBERIS THUNBERGII</i>	DC.		Berberidaceae		JAPANESE BARBERRY	FACU	shrub	W	DI
BERVUL	*	<i>BERBERIS VULGARIS</i>	L.		Berberidaceae		COMMON BARBERRY	FACU	shrub	W	DI
BERINC	*	<i>BERTEROA INCANA</i>	(L.) DC.		Brassicaceae		HOARY-ALYSSUM	[UPL]	forb	AN	DI
BESBUL	9	<i>Besseyia bullii</i>	(Eaton) Rydb.		Scrophulariaceae		KITTEN-TAILS	[UPL]	forb	PE	DI

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BETALL	7	<i>Betula alleghaniensis</i>	Britton	syn	Betulaceae		YELLOW BIRCH	FAC	tree	W	DI
BETLEN	7	<i>Betula lenta</i>	L.		Betulaceae		SWEET BIRCH	FACU	tree	W	DI
BETNIG	9	<i>Betula nigra</i>	L.		Betulaceae		RIVER BIRCH	FACW	tree	W	DI
BETPOP	5	<i>Betula populifolia</i>	Marshall		Betulaceae		GRAY BIRCH	FAC	tree	W	DI
BETPUM	10	<i>Betula pumila</i>	L.		Betulaceae		SWAMP BIRCH	OBL	shrub	W	DI
BIDARI	4	<i>Bidens aristosa</i>	(Michx.) Britton		Asteraceae		MIDWEST TICKSEED-SUNFLOW.	FACW-	forb	AN	DI
BIDBEC	10	<i>Bidens beckii</i>	Torr. ex Spreng.	syn	Asteraceae		WATER-MARIGOLD	OBL	forb	PE	DI
BIDBIP	2	<i>Bidens bipinnata</i>	L.		Asteraceae		SPANISH-NEEDLES	[FACU]	forb	AN	DI
BIDCER	3	<i>Bidens cernua</i>	L.		Asteraceae	48	NODDING BEGGAR'S-TICK	OBL	forb	AN	DI
BIDCOM	3	<i>Bidens comosa</i>	(A. Gray) Wiegand		Asteraceae		SWAMP TICKSEED	FACW	forb	AN	DI
BIDCON	3	<i>Bidens connata</i>	Muhl. ex Willd.	syn	Asteraceae	49	PURPLE-STEMMED BEGGAR'S-T.	FACW+	forb	AN	DI
BIDCOR	3	<i>Bidens coronata</i>	(L.) Britton		Asteraceae		N. TICKSEED-SUNFLOWER	OBL	forb	AN	DI
BIDDIS	7	<i>Bidens discoidea</i>	(Torr. & A. Gray) Britton		Asteraceae		FEW-BRACTED BEGGAR'S-TICK	FACW	forb	AN	DI
BIDFRO	2	<i>Bidens frondosa</i>	L.		Asteraceae		DEVIL'S BEGGAR'S-TICK	FACW	forb	AN	DI
BIDPOL	*	<i>BIDENS POLYLEPIS</i>	S.F. Blake		Asteraceae	50	OZARK TICKSEED-SUNFLOWER	FACW	forb	AN	DI
BIDVUL	2	<i>Bidens vulgata</i>	Greene		Asteraceae		TALL BEGGAR'S-TICKS	[FACW]	forb	AN	DI
BIGCAP	7	<i>Bignonia capreolata</i>	L.		Bignoniaceae		CROSS-VINE	FAC+	vine	W	DI
BLECIL	4	<i>Blephilia ciliata</i>	(L.) Benth.		Lamiaceae		DOWNY WOODMINT	[UPL]	forb	PE	DI
BLEHIR	4	<i>Blephilia hirsuta</i>	(Pursh) Benth.		Lamiaceae		HAIRY WOODMINT	FACU-	forb	PE	DI
BOECYL	4	<i>Boehmeria cylindrica</i>	(L.) Sw.		Urticaceae		FALSE NETTLE	FACW+	forb	PE	DI
BOLFLU	5	<i><u>Bolboschoenus fluviatilis</u></i>	(Torr.) Sojak	syn	Cyperaceae	51	RIVER BULRUSH	OBL	sedge	PE	MONO

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BOLAST	7	<i>Boltonia asteroides</i>	(L.) L'Her		Asteraceae		FALSE ASTER	FACW	forb	PE	DI
BOTBIT	4	<i>Botrychium biternatum</i>	(Savigny) Underw.		Ophioglossaceae		SPARSE-LOBED GRAPE FERN	FAC	fern	PE	SVP
BOTDIS	3	<i>Botrychium dissectum</i>	Spreng.		Ophioglossaceae	52	LACE-FROND GRAPE FERN	FAC	fern	PE	SVP
BOTLAN	8	<i>Botrychium lanceolatum</i>	(S.G. Gmelin) Angstr.		Ophioglossaceae	53	TRIANGLE GRAPE FERN	FACW	fern	PE	SVP
BOTMAT	5	<i>Botrychium matricariifolium</i>	(Doll) A. Braun ex W.D.J. Koch		Ophioglossaceae		DAISY-LEAVED GRAPE FERN	FACU	fern	PE	SVP
BOTMUL	4	<i>Botrychium multifidum</i>	(S.G. Gmelin) Rupr.		Ophioglossaceae		LEATHERY GRAPE FERN	FACU	fern	PE	SVP
BOTONE	4	<i>Botrychium oneidense</i>	(Gilbert) House		Ophioglossaceae		BLUNT-LOBED GRAPE FERN	[UPL]	fern	PE	SVP
BOTSIM	7	<i>Botrychium simplex</i>	E. Hitchc.		Ophioglossaceae		LEAST GRAPE FERN	FACU	fern	PE	SVP
BOTVIR	4	<i>Botrychium virginianum</i>	(L.) Sw.		Ophioglossaceae		RATTLESNAKE FERN	FACU	fern	PE	SVP
BOUCUR	8	<i>Bouteloua curtipendula</i>	(Michx.) Torr.		Poaceae		SIDE-OATS GRAMA GRASS	[UPL]	grass	PE	MONO
BRAARI	7	<i>Brachyelytrum aristosum</i>	(Michx.) Trel.	syn	Poaceae	54	NORTHERN SHORTHUSK	[FAC]	grass	PE	MONO
BRAERE	5	<i>Brachyelytrum erectum</i>	(Schreb.ex Spreng.) P. Beauv.		Poaceae		LONG-AWNED WOOD GRASS	[UPL]	grass	PE	MONO
BRASCH	7	<i>Brasenia schreberi</i>	J.F. Gmel.		Cabombaceae		WATER-SHIELD	OBL	forb	PE	DI
BRAJUN	*	<i>BRASSICA JUNCEA</i>	(L.) Czern.		Brassicaceae		BROWN MUSTARD	[UPL]	forb	AN	DI
BRANAP	*	<i>BRASSICA NAPUS</i>	L.		Brassicaceae	55	RAPE	[UPL]	forb	AN	DI
BRANIG	*	<i>BRASSICA NIGRA</i>	(L.) K. Koch		Brassicaceae		BLACK MUSTARD	[UPL]	forb	AN	DI
BRARAP	*	<i>BRASSICA RAPA</i>	L.		Brassicaceae		FIELD MUSTARD	[UPL]	forb	AN	DI
BROCIL	7	<i>Bromus ciliatus</i>	L.		Poaceae		FRINGED BROME	FACW	grass	PE	MONO
BROCOM	*	<i>BROMUS COMMUTATUS</i>	Schrad.		Poaceae		HAIRY CHESSE	[UPL]	grass	AN	MONO
BROINE	*	<i>BROMUS INERMIS</i>	Leyss.		Poaceae		HUNGARIAN BROME	UPL	grass	PE	MONO
BROJAP	*	<i>BROMUS JAPONICUS</i>	Thunb. ex Murray		Poaceae		JAPANESE BROME	FACU-	grass	AN	MONO

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BROKAL	8	<i>Bromus kalmii</i>	A. Gray		Poaceae		KALM'S BROME	FAC-	grass	PE	MONO
BROLAT	6	<i>Bromus latiglumis</i>	(Scribn. ex Shear) Hitchc.	syn	Poaceae		EAR-LEAVED BROME	FACW	grass	PE	MONO
BRONOT	7	<i>Bromus nottowayanus</i>	Fernald		Poaceae		SATIN BROME	[FACU+]	grass	PE	MONO
BROPUB	4	<i>Bromus pubescens</i>	Muhl. ex Willd.		Poaceae	56	CANADA BROME	[FACU]	grass	PE	MONO
BROSEC	*	<i>BROMUS SECALINUS</i>	L.		Poaceae		CHEAT	[UPL]	grass	AN	MONO
BROTEC	*	<i>BROMUS TECTORUM</i>	L.		Poaceae		DOWNY BROME	[UPL]	grass	AN	MONO
BROPAP	*	<i>BROUSSONETIA PAPYRIFERA</i>	(L.) Vent		Moraceae		PAPER-MULBERRY	[UPL]	tree	W	DI
BUCAME	8	<i>Buchnera americana</i>	L.		Scrophulariaceae		BLUEHEARTS	FACU	forb	PE	DI
BULCAP	3	<i>Bulbostylis capillaris</i>	(L.) Kunth ex C.B. Clarke		Cyperaceae		THREAD-LEAVED SEDGE	FACU	sedge	AN	MONO
BUTUMB	*	<i>BUTOMUS UMBELLATUS</i>	L.		Butomaceae		FLOWERING-RUSH	OBL	forb	PE	MONO
CABCAR	*	<i>CABOMBA CAROLINIANA</i>	A. Gray		Cabombaceae		FANWORT	OBL	forb	PE	DI
CACATR	6	<i>Cacalia atriplicifolia</i>	L.	syn	Asteraceae		PALE INDIAN-PLANTAIN	[UPL]	forb	PE	DI
CACMUH	6	<i>Cacalia muhlenbergii</i>	(Schultz-Bip.) Fernald	syn	Asteraceae		GREAT INDIAN-PLANTAIN	[UPL]	forb	PE	DI
CACPLA	10	<i>Cacalia plantaginea</i>	(Raf.) Shinnars	syn	Asteraceae		FEN INDIAN-PLANTAIN	FACW	forb	PE	DI
CACSUA	7	<i>Cacalia suaveolens</i>	L.	syn	Asteraceae		SWEET INDIAN-PLANTAIN	FAC-	forb	PE	DI
CAKEDE	10	<i>Cakile edentula</i>	(Bigelow) Hook.		Brassicaceae	57	SEA ROCKET	FACU	forb	AN	DI
CALCAN	4	<i>Calamagrostis canadensis</i>	(Michx.) P. Beauv.		Poaceae		CANADA BLUEJOINT	FACW+	grass	PE	MONO
CALINS	8	<i>Calamagrostis insperata</i>	Swallen	syn	Poaceae		BARTLEY'S REED GRASS	[UPL]	grass	PE	MONO
CALSTR	7	<i>Calamagrostis stricta</i>	(Timm) Koeler	syn	Poaceae	58	NORTHERN REED GRASS	FACW	grass	PE	MONO
CALARK	8	<i>Calamintha arkansana</i>	(Nutt.) Shinnars	syn	Lamiaceae		LIMESTONE SAVORY	FACU	forb	PE	DI
CLLPAL	10	<i>Calla palustris</i>	L.		Araceae		WILD CALLA	OBL	forb	PE	MONO

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CALHET	4	<i>Callitriche heterophylla</i>	Pursh		Callitrichaceae		LARGER WATER-STARWORT	OBL	forb	AN	DI
CALPAL	9	<i>Callitriche palustris</i>	L.	syn	Callitrichaceae		VERNAL WATER-STARWORT	OBL	forb	AN	DI
CALTER	6	<i>Callitriche terrestris</i>	Raf.		Callitrichaceae		TERRESTRIAL WATER-STARW.	FACW+	forb	AN	DI
CALTUB	9	<i>Calopogon tuberosus</i>	(L.) B.S.P.		Orchidaceae	59	GRASS-PINK	FACW+	forb	PE	MONO
CLTPAL	6	<i>Caltha palustris</i>	L.		Ranunculaceae		MARSH-MARIGOLD	OBL	forb	PE	DI
CALFLO	6	<i>Calycanthus floridus</i> L. var. <i>glaucus</i>	(Willd.) Torr. & A. Gray	syn	Calycanthaceae		SWEET-SHRUB	[FACU]	shrub	W	DI
CALHED	*	CALYSTEZIA HEDERACEA	Wall.		Convolvulaceae		JAPANESE BINDWEED	[UPL]	forb	PE	DI
CALSEP	1	<i>Calystegia sepium</i>	(L.) R. Br.		Convolvulaceae		HEDGE BINDWEED	FAC-	forb	PE	DI
CALSPI	4	<i>Calystegia spithamea</i>	(L.) Pursh		Convolvulaceae		UPRIGHT BINDWEED	[UPL]	forb	PE	DI
CAMSCI	6	<i>Camassia scilloides</i>	(Raf.) Cory		Liliaceae		WILD HYACINTH	FAC	forb	PE	MONO
CAMMIC	*	CAMELINA MICROCARPA	Andrz. ex DC.		Brassicaceae		SMALL-SEEDED FALSE FLAX	[UPL]	forb	AN	DI
CAMSAT	*	CAMELINA SATIVA	(L.) Crantz		Brassicaceae		LARGE-SEEDED FALSE FLAX	UPL	forb	AN	DI
CAMAME	4	<i>Campanula americana</i>	L.		Campanulaceae		TALL BELLFLOWER	FAC	forb	BI	DI
CAMAPA	7	<i>Campanula aparinoides</i>	Pursh		Campanulaceae	60	MARSH BELLFLOWER	OBL	forb	PE	DI
CAMRAP	*	CAMPANULA RAPUNCULOIDES	L.		Campanulaceae		EUROPEAN BELLFLOWER	[UPL]	forb	PE	DI
CAMROT	10	<i>Campanula rotundifolia</i>	L.		Campanulaceae		HAREBELL	FACU	forb	PE	DI
CAMTRA	*	CAMPANULA TRACHELIUM	L.		Campanulaceae		THROATWORT	[UPL]	forb	PE	DI
CAMRAD	1	<i>Campsis radicans</i>	(L.) See. ex Bureau		Bignoniaceae	61	TRUMPET-CREEPER	FAC	vine	W	DI
CANSAT	*	CANNABIS SATIVA	L.		Cannabaceae		HEMP	FACU	forb	AN	DI
CAPBUR	*	CAPSELLA BURSA-PASTORIS	(L.) Medik.		Brassicaceae		SHEPHERD'S-PURSE	FACU	forb	AN	DI
CARANG	7	<i>Cardamine angustata</i>	O.E. Schulz	syn	Brassicaceae		APPALACHIAN TOOTHWORT	FACU	forb	PE	DI

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CARCON	3	<i>Cardamine concatenata</i>	(Michx.) O. Schwarz	syn	Brassicaceae		CUT-LEAVED TOOTHWORT	FACU	forb	PE	DI
CARDIP	4	<i>Cardamine diphylla</i>	(Michx.) A.W. Wood	syn	Brassicaceae		TWO-LEAVED TOOTHWORT	FACU	forb	PE	DI
CARDIS	7	<i>Cardamine dissecta</i>	(Leavenw.) Al-Sheh.	syn	Brassicaceae		NARROW-LEAVED TOOTHWORT	[FACU+]	forb	PE	DI
CARDOU	5	<i>Cardamine douglassii</i>	Britton		Brassicaceae		PURPLE SPRING-CRESS	FACW+	forb	PE	DI
CARFLE	*	<i>CARDAMINE FLEXUOSA</i>	With.		Brassicaceae	62	BENDING BITTER-CRESS	OBL	forb	PE	DI
CARHIR	*	<i>CARDAMINE HIRSUTA</i>	L.		Brassicaceae		HOARY BITTER-CRESS	FACU	forb	AN	DI
CARIMP	*	<i>CARDAMINE IMPATIENS</i>	L.		Brassicaceae		EUROPEAN BITTER-CRESS	[UPL]	forb	AN	DI
CARPAR	2	<i>Cardamine parviflora</i>	L.		Brassicaceae	63	DRY-LAND BITTER-CRESS	FACU	forb	AN	DI
CARPEN	3	<i>Cardamine pensylvanica</i>	Muhl. ex Willd.		Brassicaceae		PENNSYLVANIA BITTER-CRESS	OBL	forb	AN	DI
CARPRA	9	<i>Cardamine pratensis</i>	L.		Brassicaceae	64	AMERICAN CUCKOO-FLOWER	OBL	forb	PE	DI
CARRHO	5	<i>Cardamine rhomboidea</i>	(Pers.) DC.	syn	Brassicaceae		SPRING-CRESS	OBL	forb	PE	DI
CARROT	9	<i>Cardamine rotundifolia</i>	Michx.		Brassicaceae		TRAILING BITTER-CRESS	OBL	forb	PE	DI
CARDRA	*	<i>CARDARIA DRABA</i>	(L.) Desv.		Brassicaceae		HOARY-CRESS	[UPL]	forb	PE	DI
CARACA	*	<i>CARDUUS ACANTHOIDES</i>	L.		Asteraceae		PLUMELESS THISTLE	[UPL]	forb	BI	DI
CARNUT	*	<i>CARDUUS NUTANS</i>	L.		Asteraceae		NODDING THISTLE	[UPL]	forb	BI	DI
CXAGGR	2	<i>Carex aggregata</i>	Mack.	syn	Cyperaceae	65	GLOMERATE SEDGE	[UPL]	sedge	PE	MONO
CXALAT	7	<i>Carex alata</i>	Torr.		Cyperaceae		BROAD-WINGED SEDGE	OBL	sedge	PE	MONO
CXALBA	4	<i>Carex albicans</i> var. <i>albicans</i>	Willd. ex Spreng.	syn	Cyperaceae		OAK SEDGE	[UPL]	sedge	PE	MONO
CXALBE	8	<i>Carex albicans</i> Willd. ex Spreng. var. <i>emmonsii</i>	(Dewey ex Torr.) Rettig	syn	Cyperaceae		EMMONS' SEDGE	[UPL]	sedge	PE	MONO
CXALBO	7	<i>Carex albolutescens</i>	Schwein.		Cyperaceae	66	PALE STRAW SEDGE	FACW	sedge	PE	MONO
CXALBU	6	<i>Carex albursina</i>	E. Sheld.		Cyperaceae		WING-STEMMED WOOD SEDGE	[UPL]	sedge	PE	MONO

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Acronym	CofC	Scientific Name	Authority	syn	Family	fn	Common Name	WET	Form	Habit	Group
CXALOP	5	<i>Carex alopecoidea</i>	Tuck.		Cyperaceae		NORTHERN FOX SEDGE	FACW	sedge	PE	MONO
CXAMPH	5	<i>Carex amphibola</i>	Steud.	syn	Cyperaceae	67	E. NARROW-LEAVED SEDGE	FAC	sedge	PE	MONO
CXANNE	3	<i>Carex annectens</i>	(E.P. Bicknell) E.P. Bicknell	syn	Cyperaceae	68	YELLOW FOX SEDGE	FACW	sedge	PE	MONO
CXAPPA	8	<i>Carex appalachica</i>	J.M. Webber & P.W. Ball	syn	Cyperaceae	69	APPALACHIAN SEDGE	[UPL]	sedge	PE	MONO
CXAQUA	9	<i>Carex aquatilis</i>	Wahlenb.		Cyperaceae	70	LEAFY TUSSOCK SEDGE	OBL	sedge	PE	MONO
CXARCT	10	<i>Carex arctata</i>	W. Boott ex Hook.		Cyperaceae		DROOPING WOOD SEDGE	[UPL]	sedge	PE	MONO
CXARGY	10	<i>Carex argyrantha</i>	Tuck.		Cyperaceae	71	SILVERY SEDGE	[FACU]	sedge	PE	MONO
CXATHE	7	<i>Carex atherodes</i>	Spreng.		Cyperaceae		WHEAT SEDGE	OBL	sedge	PE	MONO
CXATLA	9	<i>Carex atlantica</i> L.H. Bailey subsp. <i>capillacea</i>	(L.H. Bailey) Reznicek	syn	Cyperaceae		HOWE'S SEDGE	OBL	sedge	PE	MONO
CXATLA	8	<i>Carex atlantica</i> subsp. <i>atlantica</i>	L.H. Bailey	syn	Cyperaceae	72	BOG SEDGE	FACW+	sedge	PE	MONO
CXAURE	7	<u><i>Carex aurea</i></u>	Nutt.		Cyperaceae	73	GOLDEN-FRUITED SEDGE	FACW	sedge	PE	MONO
CXBEBB	7	<i>Carex bebbii</i>	Olney ex Fernald		Cyperaceae	74	BEBB'S SEDGE	OBL	sedge	PE	MONO
CXBICK	9	<i>Carex bicknellii</i>	Britton		Cyperaceae		BICKNELL'S SEDGE	FACU	sedge	PE	MONO
CXBLAN	1	<i>Carex blanda</i>	Dewey		Cyperaceae	75	COMMON WOOD SEDGE	FAC	sedge	PE	MONO
CXBREV	8	<i>Carex brevior</i>	(Dewey) Mack. ex Lunell		Cyperaceae	76	TUFTED-FESCUE SEDGE	UPL	sedge	PE	MONO
CXBROM	7	<i>Carex bromoides</i>	Schkuhr ex Willd.		Cyperaceae	77	BROME SEDGE	FACW	sedge	PE	MONO
CXBRUN	9	<i>Carex brunnescens</i>	(Pers.) Poir.		Cyperaceae	78	BROWNISH SEDGE	FACW	sedge	PE	MONO
CXBUSH	8	<i>Carex bushii</i>	Mack.		Cyperaceae	79	BUSH'S SEDGE	FACW	sedge	PE	MONO
CXBUXB	8	<i>Carex buxbaumii</i>	Wahlenb.		Cyperaceae		BUXBAUM'S SEDGE	OBL	sedge	PE	MONO
CXCANE	7	<i>Carex canescens</i>	L.		Cyperaceae	80	GLAUCOUS SEDGE	OBL	sedge	PE	MONO
CXCARE	7	<i>Carex careyana</i>	Torr. ex Dewey		Cyperaceae	81	CAREY'S SEDGE	[UPL]	sedge	PE	MONO

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CXCARO	4	<i>Carex caroliniana</i>	Schwein.		Cyperaceae		CAROLINA SEDGE	FACU	sedge	PE	MONO
CXCPHL	7	<i>Carex cephaloidea</i>	(Dewey) Dewey	syn	Cyperaceae		THIN-LEAVED SEDGE	FAC+	sedge	PE	MONO
CXCPHL	5	<u><i>Carex cephalophora</i></u>	Muhl. ex Willd.	syn	Cyperaceae		OVAL-HEADED SEDGE	FACU	sedge	PE	MONO
CXCOM	4	<i>Carex communis</i>	L.H. Bailey		Cyperaceae	82	BEECH SEDGE	[UPL]	sedge	PE	MONO
CXCOMO	2	<i>Carex comosa</i>	Boott		Cyperaceae		BEARDED SEDGE	OBL	sedge	PE	MONO
CXCONJ	5	<i>Carex conjuncta</i>	Boott		Cyperaceae		SOFT FOX SEDGE	FACW	sedge	PE	MONO
CXCONO	8	<i>Carex conoidea</i>	Schkuhr ex Willd.		Cyperaceae		FIELD SEDGE	FACU	sedge	PE	MONO
CXCRAW	8	<i>Carex crawei</i>	Dewey		Cyperaceae		CRAWE'S SEDGE	FACW	sedge	PE	MONO
CXCRINB	3	<i>Carex crinita</i> Lam. var. <i>brevicrinis</i>	Fernald		Cyperaceae	83	SHORT-FRINGED SEDGE	[OBL]	sedge	PE	MONO
CXCRINC	3	<i>Carex crinita</i> var. <i>crinita</i>	Lam.		Cyperaceae	84	TASSELED SEDGE	OBL	sedge	PE	MONO
CXCRIS	3	<i>Carex cristatella</i>	Britton		Cyperaceae	85	CRESTED SEDGE	FACW	sedge	PE	MONO
CXCRUS	8	<i>Carex crus-corvi</i>	Shuttlew. ex Kunze		Cyperaceae		RAVEN-FOOT SEDGE	OBL	sedge	PE	MONO
CXCRYP	9	<i>Carex cryptolepis</i>	Mack.		Cyperaceae		LITTLE YELLOW SEDGE	OBL	sedge	PE	MONO
CXCUMB	6	<i>Carex cumberlandensis</i>	Naczi, Cral & Bryson	syn	Cyperaceae	86	THICKET SEDGE	[FAC]	sedge	PE	MONO
CXDAVI	5	<i>Carex davisii</i>	Schwein & Torr.		Cyperaceae		DAVIS' SEDGE	FAC-	sedge	PE	MONO
CXDEBIR	8	<i>Carex debilis</i> Michx. var. <i>rudgei</i>	L.H. Bailey		Cyperaceae	87	RUDGE'S SEDGE	[FAC]	sedge	PE	MONO
CXDEBID	7	<i>Carex debilis</i> var. <i>debilis</i>	Michx.		Cyperaceae		WEAK SEDGE	FAC	sedge	PE	MONO
CXDECO	10	<i>Carex decomposita</i>	Muhl.		Cyperaceae		CYPRESS-KNEE SEDGE	OBL	sedge	PE	MONO
CXDEWE	10	<i>Carex deweyana</i>	Schwein.		Cyperaceae	88	DEWEY'S SEDGE	FACU	sedge	PE	MONO
CXDIAN	9	<i>Carex diandra</i>	Schrank		Cyperaceae	89	LESSER PANICLED SEDGE	OBL	sedge	PE	MONO
CXDIGI	4	<i>Carex digitalis</i>	Willd.		Cyperaceae	90	SLENDER WOOD SEDGE	[UPL]	sedge	PE	MONO

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Acronym	CofC	Scientific Name	Authority	syn	Family	fn	Common Name	WET	Form	Habit	Group
CXDISP	10	<i>Carex disperma</i>	Dewey		Cyperaceae		TWO-SEEDED SEDGE	FACW+	sedge	PE	MONO
CXEBUR	8	<i>Carex eburnea</i>	Boott		Cyperaceae		BRISTLE-LEAVED SEDGE	FACU	sedge	PE	MONO
CXECHI	10	<i>Carex echinata</i>	Murray		Cyperaceae	91	LITTLE PRICKLY SEDGE	OBL	sedge	PE	MONO
CXEMOR	8	<i>Carex emoryi</i>	Dewey		Cyperaceae	92	EMORY'S SEDGE	OBL	sedge	PE	MONO
CXFEST	7	<i>Carex festucacea</i>	Schkuhr ex Willd.		Cyperaceae	93	FESCUE SEDGE	FAC	sedge	PE	MONO
CXFLAV	8	<i>Carex flava</i>	L.		Cyperaceae		YELLOW SEDGE	OBL	sedge	PE	MONO
CXFOLL	7	<i>Carex folliculata</i>	L.		Cyperaceae		LONG-FRUITED SEDGE	OBL	sedge	PE	MONO
CXFORM	10	<i>Carex formosa</i>	Dewey		Cyperaceae		HANDSOME SEDGE	FAC	sedge	PE	MONO
CXFRAN	2	<i>Carex frankii</i>	Kunth		Cyperaceae		FRANK'S SEDGE	OBL	sedge	PE	MONO
CXGARB	9	<i>Carex garberi</i>	Fernald		Cyperaceae	94	GARBER'S SEDGE	FACW	sedge	PE	MONO
CXGLAU	5	<i>Carex glaucoidea</i>	Tuck. ex Olney	syn	Cyperaceae	95	BLUE-GREEN SEDGE	FAC	sedge	PE	MONO
CXGRCL	3	<i>Carex gracilescens</i>	Steud.		Cyperaceae		SLENDER WOOD SEDGE	[UPL]	sedge	PE	MONO
CXGRCLI	4	<i>Carex gracillima</i>	Schwein.		Cyperaceae		GRACEFUL SEDGE	FACU	sedge	PE	MONO
CXGRAN	3	<i>Carex granularis</i>	Muhl. ex Willd.		Cyperaceae	96	MEADOW SEDGE	FACW+	sedge	PE	MONO
CXGRAY	5	<i>Carex grayi</i>	J. Carey		Cyperaceae	97	GRAY'S SEDGE	FACW+	sedge	PE	MONO
CXGRIS	4	<i>Carex grisea</i>	Wahlenb.	syn	Cyperaceae	98	NARROW-LEAVED SEDGE	[FAC]	sedge	PE	MONO
CXGYNA	3	<i>Carex gynandra</i>	Schwein.	syn	Cyperaceae	99	NODDING SEDGE	OBL	sedge	PE	MONO
CXHAYD	7	<i>Carex haydenii</i>	Dewey		Cyperaceae	100	HAYDEN'S SEDGE	OBL	sedge	PE	MONO
CXHIRS	2	<i>Carex hirsutella</i>	Mack.	syn	Cyperaceae		HIRSUTE SEDGE	FACU	sedge	PE	MONO
CXHIRT	3	<i>Carex hirtifolia</i>	Mack.		Cyperaceae		HAIRY-LEAVED SEDGE	[UPL]	sedge	PE	MONO
CXHITC	7	<i>Carex hitchcockiana</i>	Dewey		Cyperaceae	101	HITCHCOCK'S SEDGE	[UPL]	sedge	PE	MONO

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Acronym	CofC	Scientific Name	Authority	syn	Family	fn	Common Name	WET	Form	Habit	Group
CXHYAL	5	<i>Carex hyalinolepis</i>	Steud.		Cyperaceae		SWEET MARSH SEDGE	OBL	sedge	PE	MONO
CXHYST	5	<i>Carex hystericina</i>	Muhl. ex Willd.		Cyperaceae		PORCUPINE SEDGE	OBL	sedge	PE	MONO
CXINTE	8	<i>Carex interior</i>	L.H. Bailey		Cyperaceae		INTERIOR SEDGE	OBL	sedge	PE	MONO
CXINTU	5	<i>Carex intumescens</i>	Rudge		Cyperaceae		BLADDER SEDGE	FACW+	sedge	PE	MONO
CXJAME	6	<i>Carex jamesii</i>	Schwein.		Cyperaceae		JAMES' SEDGE	[UPL]	sedge	PE	MONO
CXJUNI	10	<u><i>Carex juniperorum</i></u>	Catling, Reznicek, & Crins		Cyperaceae		JUNIPER SEDGE	[UPL]	sedge	PE	MONO
CXKRAL	4	<u><i>Carex kraliana</i></u>	Naczi & Bryson		Cyperaceae	102	KRAL'S SEDGE	[FACU]	sedge	PE	MONO
CXLACU	5	<i>Carex lacustris</i>	Willd.		Cyperaceae		LAKE SEDGE	OBL	sedge	PE	MONO
CXLAEV	6	<i>Carex laevivaginata</i>	(Kuk.) Mack.		Cyperaceae		SMOOTH-SHEATHED FOX SEDGE	OBL	sedge	PE	MONO
CXLASI	8	<i>Carex lasiocarpa</i>	Ehrh.	syn	Cyperaceae	103	QUILL-LEAVED SEDGE	OBL	sedge	PE	MONO
CXLAXC	3	<i>Carex laxiculmis</i>	Schwein.		Cyperaceae	104	SPREADING SEDGE	[UPL]	sedge	PE	MONO
CXLAXF	3	<i>Carex laxiflora</i>	Lam.		Cyperaceae	105	TWO-EDGED WOOD SEDGE	FACU	sedge	PE	MONO
CXLEAV	3	<i>Carex leavenworthii</i>	Dewey		Cyperaceae	106	LEAVENWORTH'S SEDGE	[UPL]	sedge	PE	MONO
CXLEPT	7	<i>Carex leptalea</i>	Wahlenb.		Cyperaceae		DELICATE SEDGE	OBL	sedge	PE	MONO
CXLPTO	4	<i>Carex leptonervia</i>	(Fernald) Fernald		Cyperaceae		NERVELESS WOOD SEDGE	FACW	sedge	PE	MONO
CXMAGE	10	<i>Carex limosa</i>	L.		Cyperaceae	109	MUD SEDGE	OBL	sedge	PE	MONO
CXLONG	10	<i>Carex longii</i>	Mack.		Cyperaceae		LONG'S SEDGE	OBL	sedge	PE	MONO
CXLOUS	10	<i>Carex louisianica</i>	L.H. Bailey		Cyperaceae		LOUISIANA SEDGE	OBL	sedge	PE	MONO
CXLUCO	9	<i>Carex lucorum</i>	Willd. ex Link		Cyperaceae	107	FIRE SEDGE	[UPL]	sedge	PE	MONO
CXLUPF	9	<i>Carex lupuliformis</i>	Sartwell ex Dewey		Cyperaceae		FALSE HOP SEDGE	FACW+	sedge	PE	MONO
CXLUPL	3	<i>Carex lupulina</i>	Muhl. ex Willd.		Cyperaceae		HOP SEDGE	OBL	sedge	PE	MONO

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CXLURI	3	<i>Carex lurida</i>	Wahlenb.		Cyperaceae	108	BOTTLEBRUSH SEDGE	OBL	sedge	PE	MONO
CXMEAD	7	<i>Carex meadii</i>	Dewey	syn	Cyperaceae	110	MEAD'S SEDGE	FAC	sedge	PE	MONO
CXMERF	10	<u><i>Carex merritt-fernaldii</i></u>	Mack.		Cyperaceae	111	FERNALD'S SEDGE	[UPL]	sedge	PE	MONO
CXMESO	6	<u><i>Carex mesochorea</i></u>	Mack.	syn	Cyperaceae		MIDLAND SEDGE	[UPL]	sedge	PE	MONO
CXMOLE	3	<u><i>Carex molesta</i></u>	Mack. ex Bright		Cyperaceae	112	TROUBLESOME SEDGE	[FACU]	sedge	PE	MONO
CXMUHL	7	<i>Carex muhlenbergii</i>	Schkuhr ex Willd.		Cyperaceae	113	MUHLENBERG'S SEDGE	[UPL]	sedge	PE	MONO
CXMUSK	7	<i>Carex muskingumensis</i>	Schwein.		Cyperaceae		MUSKINGUM SEDGE	OBL	sedge	PE	MONO
CXNIGR	8	<i>Carex nigromarginata</i>	Schwein.		Cyperaceae		BLACK-MARGINED SEDGE	[UPL]	sedge	PE	MONO
CXNORM	4	<i>Carex normalis</i>	Mack.		Cyperaceae		LARGE STRAW SEDGE	FACU	sedge	PE	MONO
CXOLIGC	6	<i>Carex oligocarpa</i>	Schkuhr ex Willd.		Cyperaceae		FEW-FRUITED SEDGE	[UPL]	sedge	PE	MONO
CSOLIGS	10	<i>Carex oligosperma</i>	Michx.		Cyperaceae		FEW-SEEDED SEDGE	OBL	sedge	PE	MONO
CXPALL	5	<i>Carex pallescens</i>	L.		Cyperaceae		PALE SEDGE	[FACU]	sedge	PE	MONO
CXPECK	10	<i>Carex peckii</i>	Howe		Cyperaceae		PECK'S SEDGE	[UPL]	sedge	PE	MONO
CXPEDU	7	<i>Carex pedunculata</i>	Muhl. ex Willd.		Cyperaceae		LONG-STALKED SEDGE	[UPL]	sedge	PE	MONO
CXPELL	6	<i>Carex pellita</i>	Muhl.	syn	Cyperaceae		WOOLLY SEDGE	OBL	sedge	PE	MONO
CXPENS	3	<i>Carex pennsylvanica</i>	Lam.		Cyperaceae		PENNSYLVANIA SEDGE	[UPL]	sedge	PE	MONO
CXPLAN	6	<u><i>Carex planispicata</i></u>	Naczi	syn	Cyperaceae	114	FLAT-SPIKED SEDGE	[FACU]	sedge	PE	MONO
CXPLNT	8	<i>Carex plantaginea</i>	Lam.		Cyperaceae	115	PLANTAIN SEDGE	[FACU-]	sedge	PE	MONO
CXPLAT	6	<i>Carex platyphylla</i>	J. Carey		Cyperaceae	116	BROAD-LEAVED WOOD SEDGE	[UPL]	sedge	PE	MONO
CXPRAE	*	CAREX PRAEGRACILIS	Boott		Cyperaceae	117	FREEWAY SEDGE	UPL	sedge	PE	MONO
CXPRAI	9	<i>Carex prairea</i>	Dewey ex A.W. Wood		Cyperaceae		PRAIRIE SEDGE	FACW	sedge	PE	MONO

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CXPRAS	8	<i>Carex prasina</i>	Wahlenb.		Cyperaceae		DROOPING SEDGE	OBL	sedge	PE	MONO
CXPROJ	8	<i>Carex projecta</i>	Mack.		Cyperaceae	118	NECKLACE SEDGE	FACW	sedge	PE	MONO
CXPSEU	6	<i>Carex pseudocyperus</i>	L.		Cyperaceae	119	NORTHERN BEARDED SEDGE	OBL	sedge	PE	MONO
CXPURP	9	<i>Carex purpurifera</i>	Mack.		Cyperaceae		PURPLE WOOD SEDGE	[UPL]	sedge	PE	MONO
CXRADI	6	<i>Carex radiata</i>	(Wahlenb.) Small	syn	Cyperaceae	120	RADIATE SEDGE	[FAC]	sedge	PE	MONO
CXRTRF	4	<i>Carex retroflexa</i>	Muhl. ex Willd.	syn	Cyperaceae	121	REFLEXED SEDGE	[UPL]	sedge	PE	MONO
CXRTRS	9	<i>Carex retrorsa</i>	Schwein.		Cyperaceae	122	REFLEXED BLADDER SEDGE	FACW+	sedge	PE	MONO
CXRICH	10	<i>Carex richardsonii</i>	R. Br.		Cyperaceae		RICHARDSON'S SEDGE	[UPL]	sedge	PE	MONO
CXROSE	3	<i>Carex rosea</i>	Schkuhr ex Willd.	syn	Cyperaceae		ROSE SEDGE	[UPL]	sedge	PE	MONO
CXSART	8	<i>Carex sartwellii</i>	Dewey		Cyperaceae		SARTWELL'S SEDGE	OBL	sedge	PE	MONO
CXSCAB	6	<i>Carex scabrata</i>	Schwein.		Cyperaceae		ROUGH SEDGE	OBL	sedge	PE	MONO
CXSCOP	3	<i>Carex scoparia</i>	Schkuhr ex Willd.		Cyperaceae	123	POINTED BROOM SEDGE	FACW	sedge	PE	MONO
CXSEOR	7	<i>Carex seorsa</i>	Howe		Cyperaceae		WEAK STELLATE SEDGE	FACW	sedge	PE	MONO
CXSHOR	2	<i>Carex shortiana</i>	Dewey		Cyperaceae		SHORT'S SEDGE	FAC	sedge	PE	MONO
CXSICC	8	<i>Carex siccata</i>	Dewey	syn	Cyperaceae	124	HAY SEDGE	[UPL]	sedge	PE	MONO
CXSPAR	3	<i>Carex sparganioides</i>	Muhl. ex Willd.	syn	Cyperaceae		BUR-REED SEDGE	FACU	sedge	PE	MONO
CXSPIC	*	<i>CAREX SPICATA</i>	Huds.		Cyperaceae		SPIKED SEDGE	[UPL]	sedge	PE	MONO
CXSPRE	8	<i>Carex sprengelii</i>	Dewey ex Spreng.		Cyperaceae	125	SPRENGEL'S SEDGE	FACU	sedge	PE	MONO
CXSQUA	4	<i>Carex squarrosa</i>	L.		Cyperaceae		SQUARROSE SEDGE	FACW	sedge	PE	MONO
CXSTER	8	<i>Carex sterilis</i>	Willd.		Cyperaceae		FEN SEDGE	OBL	sedge	PE	MONO
CXSTIP	2	<i>Carex stipata</i>	Muhl. ex Willd.		Cyperaceae	126	CROWDED SEDGE	OBL	sedge	PE	MONO

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Acronym	CofC	Scientific Name	Authority	syn	Family	fn	Common Name	WET	Form	Habit	Group
CXSTRM	4	<i>Carex straminea</i>	Willd. ex Schkuhr		Cyperaceae		STRAW SEDGE	OBL	sedge	PE	MONO
CXSTRT	5	<i>Carex striatula</i>	Michx.		Cyperaceae	127	LINED SEDGE	[UPL]	sedge	PE	MONO
CXSTRC	5	<i>Carex stricta</i>	Lam.		Cyperaceae	128	TUSSOCK SEDGE	OBL	sedge	PE	MONO
CXSTYL	8	<i>Carex styloflexa</i>	Buckley		Cyperaceae		LOWLAND WOOD SEDGE	FACW-	sedge	PE	MONO
CXSUBE	8	<i>Carex suberecta</i>	(Olney) Britton		Cyperaceae		PRAIRIE STRAW SEDGE	OBL	sedge	PE	MONO
CXSWAN	4	<i>Carex swanii</i>	(Fernald) Mack.		Cyperaceae		SWAN'S SEDGE	FACU	sedge	PE	MONO
CXTENE	6	<i>Carex tenera</i> Dewey var. <i>echinodes</i>	(Fernald) Wiegand		Cyperaceae	129	BRISTLY SLENDER SEDGE	[FAC]	sedge	PE	MONO
CXTENT	8	<i>Carex tenera</i> var. <i>tenera</i>	Dewey		Cyperaceae	130	SLENDER SEDGE	[FAC]	sedge	PE	MONO
CXTENU	10	<i>Carex tenuiflora</i>	Wahlenb.		Cyperaceae		THIN-FLOWERED SEDGE	OBL	sedge	PE	MONO
CXTETA	7	<i>Carex tetanica</i>	Schkuhr	syn	Cyperaceae	131	RIGID SEDGE	FACW	sedge	PE	MONO
CXTEXE	*	<i>CAREX TEXENSIS</i>	(Torr. ex L.H.Bailey) L.H. Bailey	syn	Cyperaceae	132	TEXAS SEDGE	[UPL]	sedge	PE	MONO
CXTIMI	5	<i>Carex timida</i>	Naczi & B.A. Ford		Cyperaceae		TIMID SEDGE	[UPL]	sedge	PE	MONO
CXTONS	8	<i>Carex tonsa</i>	(Fernald) E.P. Bicknell	syn	Cyperaceae	133	LOW SAND SEDGE	[UPL]	sedge	PE	MONO
CXTORT	8	<i>Carex torta</i>	Boott ex Tuck.		Cyperaceae		TWISTED SEDGE	FACW	sedge	PE	MONO
CXTRIB	4	<i>Carex tribuloides</i>	Wahlenb.		Cyperaceae	134	BLUNT BROOM SEDGE	FACW+	sedge	PE	MONO
CXTRIC	8	<i>Carex trichocarpa</i>	Willd.		Cyperaceae		HAIRY-FRUITED SEDGE	OBL	sedge	PE	MONO
CXTRIS	8	<i>Carex trisperma</i>	Dewey		Cyperaceae		THREE-SEEDED SEDGE	OBL	sedge	PE	MONO
CXTUCK	8	<i>Carex tuckermanii</i>	Dewey		Cyperaceae		TUCKERMAN'S SEDGE	OBL	sedge	PE	MONO
CXTYPH	5	<i>Carex typhina</i>	Michx.		Cyperaceae		CAT-TAIL SEDGE	FACW+	sedge	PE	MONO
CXUMBE	4	<i>Carex umbellata</i>	Schkuhr ex Willd.		Cyperaceae		CLUSTERED SEDGE	[UPL]	sedge	PE	MONO
CXUTRI	7	<i>Carex utriculata</i>	Boott	syn	Cyperaceae	135	BEAKED SEDGE	[OBL]	sedge	PE	MONO

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CXVESI	7	<i>Carex vesicaria</i>	L.		Cyperaceae	136	INFLATED SEDGE	OBL	sedge	PE	MONO
CXVIRE	6	<i>Carex virescens</i>	Muhl. ex Willd.		Cyperaceae		GREENISH SEDGE	[FACU]	sedge	PE	MONO
CXVIRI	8	<i>Carex viridula</i>	Michx.		Cyperaceae	137	LITTLE GREEN SEDGE	OBL	sedge	PE	MONO
CXVULP	1	<i>Carex vulpinoidea</i>	Michx.	syn	Cyperaceae		FOX SEDGE	OBL	sedge	PE	MONO
CXWILL	6	<i>Carex willdenowii</i>	Schkuhr ex Willd.		Cyperaceae		WILLDENOW'S SEDGE	UPL	sedge	PE	MONO
CXWOO	7	<i>Carex woodii</i>	Dewey		Cyperaceae		WOOD'S SEDGE	UPL	sedge	PE	MONO
CXSUBI	5	<i>Carex X subimpressa</i>	Clokey		Cyperaceae	138	CLOKEY'S LAKE SEDGE	[OBL]	sedge	PE	MONO
CRPCAR	5	<i>Carpinus caroliniana</i>	Walter		Betulaceae	139	BLUE-BEECH	FAC	sm	W	DI
CARCAR	*	<i>CARUM CARVI</i>	L.		Apiaceae		CARAWAY	[UPL]	forb	BI	DI
CARCOR	5	<i>Carya cordiformis</i>	(Wangenh.) K. Koch		Juglandaceae		BITTERNUT HICKORY	FACU+	tree	W	DI
CARGLA	5	<i>Carya glabra</i>	(Mill.) Sweet		Juglandaceae		PIGNUT HICKORY	FACU-	tree	W	DI
CARLAC	7	<i>Carya laciniosa</i>	(F. Michx.) Loudon		Juglandaceae		SHELLBARK HICKORY	FAC	tree	W	DI
CAROVL	5	<i>Carya ovalis</i>	(Wangenh.) Sarg.		Juglandaceae	140	SWEET PIGNUT HICKORY	[UPL]	tree	W	DI
CAROVT	6	<i>Carya ovata</i>	(Miller) K. Koch		Juglandaceae		SHAGBARK HICKORY	FACU-	tree	W	DI
CARTOM	6	<i>Carya tomentosa</i>	(Poir.) Nutt.		Juglandaceae		MOCKERNUT HICKORY	[UPL]	tree	W	DI
CASDEN	6	<i>Castanea dentata</i>	(Marshall) Borkh.		Fagaceae		AMERICAN CHESTNUT	[UPL]	tree	W	DI
CASCOC	6	<i>Castilleja coccinea</i>	(L.) Spreng.		Scrophulariaceae		INDIAN PAINTBRUSH	FAC	forb	AN	DI
CATBIG	*	<i>CATALPA BIGNONIODES</i>	Walter		Bignoniaceae		SOUTHERN CATALPA	UPL	tree	W	DI
CATSPE	*	<i>CATALPA SPECIOSA</i>	(Warder) Warder ex Engelm.		Bignoniaceae		NORTHERN CATALPA	FAC	tree	W	DI
CAUTHA	7	<i>Caulophyllum thalictroides</i>	(L.) Michx.		Berberidaceae	141	BLUE COHOSH	[UPL]	forb	PE	DI
CEAAME	5	<i>Ceanothus americanus</i>	L.		Rhamnaceae	142	NEW JERSEY TEA	[UPL]	shrub	W	DI

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CEAHER	9	<i>Ceanothus herbaceus</i>	Raf.		Rhamnaceae		PRAIRIE-REDROOT	[UPL]	shrub	W	DI
CELORB	*	<i>CELASTRUS ORBICULATUS</i>	Thunb.		Celastraceae		ORIENTAL BITTERSWEET	FACU	vine	W	DI
CELSCA	2	<i>Celastrus scandens</i>	L.		Celastraceae		BITTERSWEET	FACU-	vine	W	DI
CELARG	*	<i>CELOSIA ARGENTEA</i>	L.		Amaranthaceae		COCK'S COMB	[UPL]	forb	AN	DI
CELOCC	4	<i>Celtis occidentalis</i>	L.		Ulmaceae	143	HACKBERRY	FACU	tree	W	DI
CELTEN	8	<i>Celtis tenuifolia</i>	Nutt.		Ulmaceae	144	DWARF HACKBERRY	[UPL]	tree	W	DI
CENLON	3	<i>Cenchrus longispinus</i>	(Hack.) Fernald	syn	Poaceae		COMMON SANDBUR	[UPL]	grass	AN	MONO
CENCYA	*	<i>CENTAUREA CYANUS</i>	L.		Asteraceae		CORNFLOWER	[UPL]	forb	AN	DI
CENDUB	*	<i>CENTAUREA DUBIA</i>	Suter	syn	Asteraceae		SHORT-FRINGED KNAPWEED	[UPL]	forb	PE	DI
CENJAC	*	<i>CENTAUREA JACEA</i>	L.		Asteraceae		BROWN KNAPWEED	[UPL]	forb	PE	DI
CENMAC	*	<i>CENTAUREA MACULOSA</i>	Lam.	syn	Asteraceae		SPOTTED KNAPWEED	[UPL]	forb	BI	DI
CENNIG	*	<i>CENTAUREA NIGRA</i>	L.		Asteraceae		BLACK KNAPWEED	[UPL]	forb	PE	DI
CENPUL	*	<i>CENTAURIUM PULCHELLUM</i>	(Sw.) Druce		Gentianaceae		BRANCHING CENTAURY	FAC	forb	AN	DI
CENMIN	8	<i>Centunculus minimus</i>	L.	syn	Primulaceae		CHAFFWEED	FACW	forb	AN	DI
CEPOCC	6	<i>Cephalanthus occidentalis</i>	L.		Rubiaceae	145	BUTTONBUSH	OBL	shrub	W	DI
CERARV	2	<i>Cerastium arvense</i>	L.		Caryophyllaceae		FIELD CHICKWEED	UPL	forb	PE	DI
CERBRA	*	<i>CERASTIUM BRACHYPETALUM</i>	Pers.		Caryophyllaceae		GRAY CHICKWEED	[UPL]	forb	AN	DI
CERNUT	3	<i>Cerastium nutans</i>	Raf.		Caryophyllaceae	146	NODDING MOUSE-EAR	FAC	forb	AN	DI
CERPUM	*	<i>CERASTIUM PUMILUM</i>	Curtis		Caryophyllaceae		CURTIS' MOUSE-EAR CHICKW.	[UPL]	forb	AN	DI
CERSEM	*	<i>CERASTIUM SEMIDECANDRUM</i>	L.		Caryophyllaceae		SMALL MOUSE-EAR CHICKWEED	[UPL]	forb	AN	DI
CERVIS	*	<i>CERASTIUM VISCOSUM</i>	L.	syn	Caryophyllaceae		CLAMMY CHICKWEED	[UPL]	forb	AN	DI

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CERVUL	*	<i>CERASTIUM VULGATUM</i>	L.	syn	Caryophyllaceae	147	COMMON CHICKWEED	FACU-	forb	PE	DI
CERDEM	2	<i>Ceratophyllum demersum</i>	L.		Ceratophyllaceae		COONTAIL	OBL	forb	PE	DI
CERECH	8	<i>Ceratophyllum echinatum</i>	A. Gray		Ceratophyllaceae		PRICKLY HORNWORT	[OBL]	forb	PE	DI
CERCAN	3	<i>Cercis canadensis</i>	L.		Caesalpiniaceae		REDBUD	FACU-	sm	W	DI
CHAMIN	*	<i>CHAENORRHINUM MINUS</i>	(L.) Lange		Scrophulariaceae		DWARF SNAPDRAGON	[UPL]	forb	AN	DI
CHAPRO	4	<i>Chaerophyllum procumbens</i>	(L.) Crantz		Apiaceae	148	WILD CHERVIL	FACW	forb	AN	DI
CHAFAS	3	<i>Chamaecrista fasciculata</i>	(Michx.) Greene	syn	Fabaceae		PARTRIDGE-PEA	FACU	forb	AN	DI
CHANIC	4	<i>Chamaecrista nictitans</i>	(L.) Moench	syn	Fabaceae		WILD SENSITIVE PLANT	FACU-	forb	AN	DI
CHACAL	9	<i>Chamaedaphne calyculata</i>	(L.) Moench		Ericaceae	149	LEATHER-LEAF	OBL	shrub	W	DI
CHALUT	7	<i>Chamaelirium luteum</i>	(L.) A. Gray		Liliaceae		DEVIL'S BIT	FAC	forb	PE	MONO
CHALAT	7	<i>Chasmanthium latifolium</i>	(Michx.) H.O. Yates	syn	Poaceae		WILD RIVER OATS	FACU	grass	PE	MONO
CHEMAJ	*	<i>CHELIDONIUM MAJUS</i>	L.		Papaveraceae		CELANDINE	UPL	forb	BI	DI
CHEGLA	6	<i>Chelone glabra</i>	L.		Scrophulariaceae	150	TURTLEHEAD	OBL	forb	PE	DI
CHEALB	*	<i>CHENOPODIUM ALBUM</i>	L.		Chenopodiaceae	151	LAMB'S-QUARTERS	FACU+	forb	AN	DI
CHEAMB	*	<i>CHENOPODIUM AMBROSIOIDES</i>	L.		Chenopodiaceae		MEXICAN-TEA	FACU	forb	AN	DI
CHEBER	1	<i>Chenopodium berlandieri</i>	Moq.		Chenopodiaceae	152	PITSEED GOOSEFOOT	[UPL]	forb	AN	DI
CHEBOT	*	<i>CHENOPODIUM BOTRYS</i>	L.		Chenopodiaceae		JERUSALEM-OAK	UPL	forb	AN	DI
CHECAP	2	<i>Chenopodium capitatum</i>	(L.) Asch.		Chenopodiaceae		STRAWBERRY-BLITE	[UPL]	forb	AN	DI
CHEGLA	*	<i>CHENOPODIUM GLAUCUM</i>	L.		Chenopodiaceae		OAK-LEAVED GOOSEFOOT	FACW-	forb	AN	DI
CHELEP	2	<i>Chenopodium leptophyllum</i>	(Moq.) Nutt. ex S. Watson		Chenopodiaceae	153	SLENDER GOOSEFOOT	FAC	forb	AN	DI
CHEMUR	*	<i>CHENOPODIUM MURALE</i>	L.		Chenopodiaceae		NETTLE-LEAVED GOOSEFOOT	[UPL]	forb	AN	DI

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CHEPOL	*	<i>CHENOPODIUM POLYSPERMUM</i>	L.		Chenopodiaceae		MANY-SEEDED GOOSEFOOT	[UPL]	forb	AN	DI
CHENPR	1	<i>Chenopodium pratericola</i>	Rydb.		Chenopodiaceae	154	FIELD GOOSEFOOT	[UPL]	forb	AN	DI
CHESIM	1	<i>Chenopodium simplex</i>	(Torr.) Raf.	syn	Chenopodiaceae	155	MAPLE-LEAVED GOOSEFOOT	[UPL]	forb	AN	DI
CHESTA	4	<i>Chenopodium standleyanum</i>	Aellen		Chenopodiaceae		WOODLAND GOOSEFOOT	[UPL]	forb	AN	DI
CHEURB	*	<i>CHENOPODIUM URBICUM</i>	L.		Chenopodiaceae		CITY GOOSEFOOT	[UPL]	forb	AN	DI
CHEVUL	*	<i>CHENOPODIUM VULVARIA</i>	L.		Chenopodiaceae		STINKING GOOSEFOOT	[UPL]	forb	AN	DI
CHIMAC	7	<i>Chimaphila maculata</i>	(L.) Pursh		Pyrolaceae		SPOTTED WINTERGREEN	[UPL]	forb	PE	DI
CHIUMB	8	<i>Chimaphila umbellata</i>	(L.) W.P.C. Barton		Pyrolaceae	156	PIPSISSEWA	[UPL]	forb	PE	DI
CHIVIR	6	<i>Chionanthus virginicus</i>	L.		Oleaceae		FRINGE-TREE	FAC+	sm	W	DI
CHRBAL	*	<i>CHRYSANTHEMUM BALSAMITA</i>	L.	syn	Asteraceae		COSTMARY	[UPL]	forb	PE	DI
CHRLEU	*	<i>CHRYSANTHEMUM LEUCANTHEMUM</i>	L.	syn	Asteraceae		OX-EYE DAISY	[UPL]	forb	PE	DI
CHRPAR	*	<i>CHRYSANTHEMUM PARTHENIUM</i>	(L.) Bernh.	syn	Asteraceae		FEVERFEW	[UPL]	forb	PE	DI
CHRVIR	6	<i>Chrysogonum virginianum</i>	L.		Asteraceae		GOLDEN-KNEES	[UPL]	forb	PE	DI
CHRGRA	9	<i>Chrysopsis graminifolia</i>	(Michx.) Elliott	syn	Asteraceae		GRASS-LEAVED GOLDEN ASTER	[UPL]	forb	PE	DI
CHRMAR	6	<i>Chrysopsis mariana</i>	(L.) Elliott	syn	Asteraceae		GOLDEN ASTER	UPL	forb	PE	DI
CHROME	8	<i>Chrysosplenium americanum</i>	Schwein. ex Hook.		Saxifragaceae		GOLDEN-SAXIFRAGE	OBL	forb	PE	DI
CICINT	*	<i>CICHORIUM INTYBUS</i>	L.		Asteraceae		CHICORY	[UPL]	forb	PE	DI
CICBUL	3	<i>Cicuta bulbifera</i>	L.		Apiaceae		BULBLET-BEARING WATER-H.	OBL	forb	PE	DI
CICMAC	3	<i>Cicuta maculata</i>	L.		Apiaceae		WATER-HEMLOCK	OBL	forb	PE	DI
CIMRAC	7	<i>Cimicifuga racemosa</i>	(L.) Nutt.		Ranunculaceae		BLACK SNAKEROOT	[FACU]	forb	PE	DI
CINARU	4	<i>Cinna arundinacea</i>	L.		Poaceae		COMMON WOOD-REED	FACW	grass	PE	MONO

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CINLAT	8	<i>Cinna latifolia</i>	(Trevir. ex R. Geopp.) Griseb.		Poaceae		NORTHERN WOOD-REED	FACW	grass	PE	MONO
CIRALP	9	<i>Circaea alpina</i>	L.		Onagraceae		SM. ENCHANTER'S NIGHTSHADE	FACW	forb	PE	DI
CIRLUT	3	<i>Circaea lutetiana</i>	L.	syn	Onagraceae	157	ENCHANTER'S-NIGHTSHADE	FACU	forb	PE	DI
CIRALT	4	<i>Cirsium altissimum</i>	(L.) Hill		Asteraceae		TALL THISTLE	[UPL]	forb	PE	DI
CIRARV	*	CIRSIUM ARVENSE	(L.) Scop.		Asteraceae	158	CANADA THISTLE	FACU	forb	PE	DI
CIRCAR	7	<i>Cirsium carolinianum</i>	(Walt.) Fernald & B.G. Schub.		Asteraceae		CAROLINA THISTLE	[UPL]	forb	BI	DI
CIRDIS	4	<i>Cirsium discolor</i>	(Muhl. ex Willd.) Spreng.		Asteraceae		FIELD THISTLE	UPL	forb	PE	DI
CIRMUT	8	<i>Cirsium muticum</i>	Michx.		Asteraceae		SWAMP THISTLE	OBL	forb	BI	DI
CIRPUM	4	<i>Cirsium pumilum</i>	(Nutt.) Spreng.		Asteraceae	159	PASTURE THISTLE	[UPL]	forb	BI	DI
CIRVUL	*	CIRSIUM VULGARE	(Savi) Ten.		Asteraceae		BULL THISTLE	FACU-	forb	BI	DI
CLAMAR	9	<i>Cladium mariscoides</i>	(Muhl.) Torr.		Cyperaceae		TWIG-RUSH	OBL	sedge	PE	MONO
CLACAR	6	<i>Claytonia caroliniana</i>	Michx.		Portulacaceae		CAROLINA SPRING-BEAUTY	FACU	forb	PE	DI
CALVIR	2	<i>Claytonia virginica</i>	L.		Portulacaceae		SPRING-BEAUTY	FACU	forb	PE	DI
CLEOCC	9	<i>Clematis occidentalis</i>	(Hornem.) DC.		Ranunculaceae		PURPLE VIRGIN'S-BOWER	[UPL]	forb	PE	DI
CLEVIO	6	<i>Clematis viorna</i>	L.		Ranunculaceae		LEATHER-FLOWER	[FAC-]	forb	PE	DI
CLEVIR	3	<i>Clematis virginiana</i>	L.		Ranunculaceae		VIRGIN'S-BOWER	FAC	forb	PE	DI
CLEHAS	*	CLEOME HASSLERIANA	Chodat	syn	Capparaceae		SPIDER-FLOWER	[FACU-]	forb	AN	DI
CLIVUL	2	<u><i>Clinopodium vulgare</i></u>	L.	syn	Lamiaceae		WILD BASIL	[UPL]	forb	PE	DI
CLIBOR	10	<i>Clintonia borealis</i>	(Aiton) Raf.		Liliaceae		BLUE BEAD-LILY	FAC	forb	PE	MONO
CLIUMB	8	<i>Clintonia umbellulata</i>	(Michx.) Morong		Liliaceae		SPECKLED WOOD-LILY	[UPL]	forb	PE	MONO
CLIMAR	6	<i>Clitoria mariana</i>	L.		Fabaceae		BUTTERFLY-PEA	[UPL]	forb	PE	DI

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COEVIR	8	<i>Coeloglossum viride</i> (L.) Hartman var. <i>virescens</i>	(Muhl. ex Willd.) Luer	syn	Orchidaceae		LONG-BRACTED ORCHID	[FACU]	forb	PE	MONO
COLVER	8	<i>Collinsia verna</i>	Nutt.		Scrophulariaceae		BLUE-EYED MARY	FAC-	forb	AN	DI
COLCAN	5	<i>Collinsonia canadensis</i>	L.		Lamiaceae		RICH WEED	FAC+	forb	PE	DI
COLVER	9	<i>Collinsonia verticillata</i>	Baldwin		Lamiaceae		EARLY STONEROOT	[UPL]	forb	PE	DI
COLLIN	*	<i>COLLOMIA LINEARIS</i>	Nutt.		Polemoniaceae		SLENDER GILIA	FACU	forb	AN	DI
COMUM	5	<i>Comandra umbellata</i>	(L.) Nutt.		Santalaceae		BASTARD TOAD-FLAX	FACU-	forb	PE	DI
COMCO	*	<i>COMMELINA COMMUNIS</i>	L.		Commelinaceae		COMMON DAY-FLOWER	FAC-	forb	AN	DI
COMDIF	*	<i>COMMELINA DIFFUSA</i>	Burm. f.		Commelinaceae	160	SPREADING DAY-FLOWER	FACW	forb	AN	DI
COMVIR	6	<i>Commelina virginica</i>	L.		Commelinaceae	161	VIRGINIA DAY-FLOWER	FACW	forb	PE	DI
COMPER	8	<i>Comptonia peregrina</i>	(L.) J. M. Coulter		Myricaceae		SWEET-FERN	[UPL]	shrub	W	DI
CONCHI	8	<i>Conioselinum chinense</i>	(L.) B.S.P.		Apiaceae		HEMLOCK-PARSLEY	FACW	forb	PE	DI
CONMAC	*	<i>CONIUM MACULATUM</i>	L.		Apiaceae		POISON-HEMLOCK	FACW	forb	BI	DI
CONAME	7	<i>Conopholis americana</i>	(L.) Wallr.		Orobanchaceae		SQUAWROOT	[UPL]	forb	AN	DI
CONORI	*	<i>CONRINGIA ORIENTALIS</i>	(L.) Andrz.		Brassicaceae		HARE'S-EAR MUSTARD	[UPL]	forb	AN	DI
CONMAJ	*	<i>CONVALLARIA MAJALIS</i>	L.		Liliaceae		LILY-OF-THE-VALLEY	[UPL]	forb	PE	DI
CONARV	*	<i>CONVOLVULUS ARVENSIS</i>	L.		Convolvulaceae		FIELD BINDWEED	[UPL]	forb	PE	DI
CONCAN	0	<i>Conyza canadensis</i>	(L.) Cronquist		Asteraceae	162	HORSEWEED	UPL	forb	AN	DI
CONRAM	9	<i>Conyza ramosissima</i>	Cronquist		Asteraceae		BUSHY HORSEWEED	[UPL]	forb	AN	DI
COPTRI	7	<i>Coptis trifolia</i>	(L.) Salisb.		Ranunculaceae		GOLDTHREAD	FACW	forb	PE	DI
CORMAC	5	<i>Corallorhiza maculata</i>	(Raf.) Raf.		Orchidaceae		SPOTTED CORAL-ROOT	FACU	forb	PE	MONO
CORODO	4	<i>Corallorhiza odontorhiza</i>	(Willd.) Poir.		Orchidaceae		FALL CORAL-ROOT	[UPL]	forb	PE	MONO

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CORTRI	9	<i>Corallorhiza trifida</i>	Chatel.		Orchidaceae		EARLY CORAL-ROOT	FACW	forb	PE	MONO
CORWIS	6	<i>Corallorhiza wisteriana</i>	Conrad		Orchidaceae		SPRING CORAL-ROOT	FAC	forb	PE	MONO
CORGRA	*	<i>COREOPSIS GRANDIFLORA</i>	R. Hogg. ex Sweet		Asteraceae		LARGE-FLOWERED TICKSEED	[UPL]	forb	PE	DI
CORLAN	*	<i>COREOPSIS LANCEOLATA</i>	L.		Asteraceae	163	LONG-STALKED TICKSEED	FACU	forb	PE	DI
CORMAJ	7	<i>Coreopsis major</i>	Walter		Asteraceae		FOREST TICKSEED	[UPL]	forb	PE	DI
CORTIN	*	<i>COREOPSIS TINCTORIA</i>	Nutt.		Asteraceae		PLAINS TICKSEED	FAC-	forb	AN	DI
CORTRP	5	<i>Coreopsis tripteris</i>	L.		Asteraceae		TALL TICKSEED	FAC	forb	PE	DI
CORHYS	*	<i>CORISPERMUM HYSSOPIFOLIUM</i>	L.	syn	Chenopodiaceae		BUGSEED	FACU	forb	AN	DI
CORNIT	*	<i>CORISPERMUM NITIDUM</i>	Kit. ex Schult.	syn	Chenopodiaceae		NEAT BUGSEED	[FACU]	forb	AN	DI
CORALT	5	<i>Cornus alternifolia</i>	L.f.		Cornaceae		ALTERNATE-LEAVED DOGWOOD	[UPL]	shrub	W	DI
CORAMO	2	<i>Cornus amomum</i>	Mill.	syn	Cornaceae	164	SILKY DOGWOOD	FACW	shrub	W	DI
CORCAN	8	<i>Cornus canadensis</i>	L.		Cornaceae		BUNCHBERRY	FAC-	shrub	W	DI
CORDRU	3	<i>Cornus drummondii</i>	C.A. Mey.		Cornaceae		ROUGH-LEAVED DOGWOOD	FAC	shrub	W	DI
CORFLO	5	<i>Cornus florida</i>	L.		Cornaceae		FLOWERING DOGWOOD	FACU-	sm	W	DI
CORRAC	1	<i>Cornus racemosa</i>	Lam.		Cornaceae	165	GRAY DOGWOOD	FAC-	shrub	W	DI
CORRUG	8	<i>Cornus rugosa</i>	Lam.		Cornaceae		ROUND-LEAVED DOGWOOD	[UPL]	shrub	W	DI
CORSER	3	<i>Cornus sericea</i>	L.	syn	Cornaceae		RED-OSIER DOGWOOD	FACW+	shrub	W	DI
CORVAR	*	<i>CORONILLA VARIA</i>	L.		Fabaceae		CROWN-VETCH	[UPL]	forb	PE	DI
CORDID	*	<i>CORONOPUS DIDYMUS</i>	(L.) Sm.		Brassicaceae		SWINE CRESS	[UPL]	forb	AN	DI
CORFLA	4	<i>Corydalis flavula</i>	(Raf.) DC.		Fumariaceae		YELLOW HARLEQUIN	FACU	forb	AN	DI
CORSEM	9	<i>Corydalis sempervirens</i>	(L.) Pers.		Fumariaceae		ROCK-HARLEQUIN	[UPL]	forb	BI	DI

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CORAME	4	<i>Corylus americana</i>	Walter		Betulaceae		AMERICAN HAZEL	FACU-	shrub	W	DI
CORCOR	7	<i>Corylus cornuta</i>	Marshall		Betulaceae		BEAKED HAZEL	FACU-	shrub	W	DI
CRABRA	6	<i>Crataegus brainerdii</i>	Sarg.		Rosaceae	166	BRAINERD'S HAWTHORN	[UPL]	sm	W	DI
CRACAL	4	<i>Crataegus calpodendron</i>	(Ehrh.) Medik.		Rosaceae	167	PEAR HAWTHORN	[UPL]	sm	W	DI
CRACHR	6	<i>Crataegus chrysocarpa</i>	Ashe	syn	Rosaceae	168	FIREBERRY HAWTHORN	[UPL]	sm	W	DI
CRACOC	3	<i>Crataegus coccinea</i>	L.		Rosaceae	169	SCARLET HAWTHORN	[UPL]	sm	W	DI
CRACRU	3	<i>Crataegus crus-galli</i>	L.		Rosaceae	170	COCKSPUR	FACU	sm	W	DI
CRAFLA	3	<i>Crataegus flabellata</i>	(Spach) G. Kirchn.		Rosaceae	171	FANLEAVED HAWTHORN	[UPL]	sm	W	DI
CRAINT	4	<i>Crataegus intricata</i>	Lange		Rosaceae	172	BILTMORE HAWTHORN	[UPL]	sm	W	DI
CRAMOL	3	<i>Crataegus mollis</i>	Scheele		Rosaceae	173	DOWNY HAWTHORN	FACU	sm	W	DI
CRAMON	*	<i>CRATAEGUS MONOGYNA</i>	Jacq.		Rosaceae		ONE-SEEDED HAWTHORN	[UPL]	sm	W	DI
CRAPHA	*	<i>CRATAEGUS PHAENOPYRUM</i>	(L.f.) Medik.		Rosaceae		WASHINGTON HAWTHORN	FAC	sm	W	DI
CRAPRU	2	<i>Crataegus pruinosa</i>	(H.L. Wendl.) K. Koch		Rosaceae	174	FROSTED HAWTHORN	[UPL]	sm	W	DI
CRAPUN	3	<i>Crataegus punctata</i>	Jacq.		Rosaceae	175	DOTTED HAWTHORN	[UPL]	sm	W	DI
CRASUC	4	<i>Crataegus succulenta</i>	Schrad. ex Link		Rosaceae	176	FLESHY HAWTHORN	[UPL]	sm	W	DI
CRAUNI	8	<i>Crataegus uniflora</i>	Muenchh.		Rosaceae		DWARF HAWTHORN	[UPL]	sm	W	DI
CRECAP	*	<i>CREPIS CAPILLARIS</i>	(L.) Wallr.		Asteraceae		SMOOTH HAWK'S-BEARD	[UPL]	forb	AN	DI
CREPUL	*	<i>CREPIS PULCHRA</i>	L.		Asteraceae		HANDSOME HAWK'S-BEARD	[UPL]	forb	AN	DI
CROSAG	*	<i>CROTALARIA SAGITTALIS</i>	L.		Fabaceae		RATTLEBOX	[UPL]	forb	AN	DI
CROCAP	*	<i>CROTON CAPITATUS</i>	Michx.		Euphorbiaceae		WOOLLY CROTON	[UPL]	forb	AN	DI
CROGLA	0	<i>Croton glandulosus</i>	L.		Euphorbiaceae	177	NORTHERN CROTON	[UPL]	forb	AN	DI

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CROMON	*	<i>CROTON MONANTHOGYNUS</i>	Michx.		Euphorbiaceae		PRAIRIE-TEA	[UPL]	forb	AN	DI
CRYCAN	3	<i>Cryptotaenia canadensis</i>	(L.) DC.		Apiaceae		HONEWORT	FAC	forb	PE	DI
CUNORI	6	<i>Cunila origanoides</i>	(L.) Britton		Lamiaceae		DITTANY	[UPL]	forb	PE	DI
CUPVIS	3	<i>Cuphea viscosissima</i>	Jacq.		Lythraceae		BLUE WAX-WEED	FAC-	forb	AN	DI
CUSCEP	6	<i>Cuscuta cephalanthi</i>	Engelm.		Cuscutaceae		BUTTONBUSH DODDER	[UPL]	forb	AN	DI
CUSCOM	8	<i>Cuscuta compacta</i>	Juss ex Choisy		Cuscutaceae		SESSILE DODDER	[UPL]	forb	AN	DI
CUSCOR	5	<i>Cuscuta coryli</i>	Engelm.		Cuscutaceae		HAZEL DODDER	[UPL]	forb	AN	DI
CUSCUS	8	<i>Cuscuta cuspidata</i>	Engelm.		Cuscutaceae	178	CUSPIDATE DODDER	[FACW]	forb	AN	DI
CUSEPI	*	<i>CUSCUTA EPITHYMUM</i>	L.		Cuscutaceae		CLOVER DODDER	[UPL]	forb	AN	DI
CUSGLO	9	<i>Cuscuta glomerata</i>	Choisy		Cuscutaceae		COMPOSITE DODDER	[FAC]	forb	AN	DI
CUSGRO	3	<i>Cuscuta gronovii</i>	Willd. ex Schulte		Cuscutaceae		COMMON DODDER	[FACW+	forb	AN	DI
CUSIND	8	<i>Cuscuta indecora</i>	Choisy		Cuscutaceae	179	PRETTY DODDER	[FAC]	forb	AN	DI
CUSPEN	3	<i>Cuscuta pentagona</i>	Engelm.	syn	Cuscutaceae		FIVE-ANGLED DODDER	[UPL]	forb	AN	DI
CUCPOL	5	<i>Cuscuta polygonorum</i>	Engelm.		Cuscutaceae		SMARTWEED DODDER	[UPL]	forb	AN	DI
CYCATR	*	<i>CYCLOLOMA ATRIPLICIFOLIUM</i>	(Spreng.) J.M. Coult.		Chenopodiaceae		WINGED PIGWEED	FACU-	forb	AN	DI
CYNDAC	*	<i>CYNODON DACTYLON</i>	(L.) Pers.		Poaceae		BERMUDA GRASS	FACU	grass	PE	DI
CYNOFF	*	<i>CYNOGLOSSUM OFFICINALE</i>	L.		Boraginaceae		HOUND'S TONGUE	[UPL]	forb	BI	MONO
CYNVIRB	5	<i>Cynoglossum virginianum</i> L. var. <i>boreale</i>	(Fernald) Cooperrider	syn	Boraginaceae		NORTHERN WILD COMFREY	[UPL]	forb	PE	MONO
CYNVIRV	5	<i>Cynoglossum virginianum</i> var. <i>virginianum</i>	L.		Boraginaceae		SOUTHERN WILD COMFREY	[UPL]	forb	PE	MONO
CYNCRI	*	<i>CYNOSURUS CRISTATUS</i>	L.		Poaceae		DOG'S-TAIL GRASS	UPL	grass	PE	DI
CYPACU	8	<i>Cyperus acuminatus</i>	Torr. & Hook. ex Torr.		Cyperaceae		PALE UMBRELLA-SEDGE	OBL	sedge	AN	MONO

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CYPBIP	3	<i>Cyperus bipartitus</i>	Torr.		Cyperaceae	180	UMBRELLA-SEDGE	FACW+	sedge	AN	MONO
CYPDIA	7	<i>Cyperus diandrus</i>	Torr.		Cyperaceae	181	LOW UMBRELLA-SEDGE	FACW	sedge	AN	MONO
CYPERY	4	<i>Cyperus erythrorhizos</i>	Muhl.		Cyperaceae		RED-ROOTED UMBRELLA-SEDGE	FACW+	sedge	AN	MONO
CYPESC	0	<i>Cyperus esculentus</i>	L.		Cyperaceae	182	YELLOW NUT-SEDGE	FACW	sedge	PE	MONO
CYPFLA	3	<i>Cyperus flavescens</i>	L.		Cyperaceae	183	YELLOW UMBRELLA-SEDGE	OBL	sedge	AN	MONO
CYPLAN	4	<i>Cyperus lancastrimensis</i>	Porter ex A. Gray		Cyperaceae		MANY-FLOWERED UMBRELLA-S.	FACU	sedge	PE	MONO
CYPLUP	4	<i>Cyperus lupulinus</i>	(Spreng.) Marcks	syn	Cyperaceae	184	SLENDER UMBRELLA-SEDGE	[UPL]	sedge	PE	MONO
CYPODO	4	<i>Cyperus odoratus</i>	L.	syn	Cyperaceae	185	RUSTY UMBRELLA-SEDGE	FACW	sedge	AN	MONO
CYPREF	6	<i>Cyperus refractus</i>	Engelm. ex Boeck		Cyperaceae	186	REFLEXED UMBRELLA-SEDGE	FACU+	sedge	PE	MONO
CYPRTF	4	<i>Cyperus retrofractus</i>	(L.) Torr.	syn	Cyperaceae		ROUGH UMBRELLA-SEDGE	[UPL]	sedge	PE	MONO
CYPSCH	10	<i>Cyperus schweinitzii</i>	Torr.		Cyperaceae		SCHWEINITZ'S UMBRELLA-S.	FACU	sedge	PE	MONO
CYPSQU	3	<i>Cyperus squarrosus</i>	L.		Cyperaceae	187	AWNED UMBRELLA-SEDGE	FACW+	sedge	AN	MONO
CYPSTR	1	<i>Cyperus strigosus</i>	L.		Cyperaceae		STRAW-COLORED UMBRELLA-S.	FACW	sedge	PE	MONO
CYPACA	8	<i>Cypripedium acaule</i>	Aiton		Orchidaceae		MOCCASIN-FLOWER	FACU	forb	PE	MONO
CYPCAN	9	<i>Cypripedium candidum</i>	Muhl. ex Willd.		Orchidaceae		WHITE LADY'S-SLIPPER	OBL	forb	PE	MONO
CYPPRP	7	<i>Cypripedium parviflorum</i> Salisb. var. <i>pubescens</i>	(Willd.) O.W. Knight	syn	Orchidaceae		LARGE YELLOW	FAC+	forb	PE	MONO
CYPPRP	10	<i>Cypripedium parviflorum</i> var. <i>parviflorum</i>	Salisb.	syn	Orchidaceae		SMALL YELLOW	FACW-	forb	PE	MONO
CYPREG	10	<i>Cypripedium reginae</i>	Walter		Orchidaceae		SHOWY LADY'S-SLIPPER	FACW	forb	PE	MONO
CYSBUL	7	<i>Cystopteris bulbifera</i>	(L.) Bernh.		Dryopteridaceae		BULBLET FERN	FAC	fern	PE	SVP
CYSFRA	7	<i>Cystopteris fragilis</i>	(L.) Bernh.	syn	Dryopteridaceae		BRITTLE BLADDER FERN	FACU	fern	PE	SVP
CYSPRO	5	<i>Cystopteris protrusa</i>	(Weath.) Blasdell	syn	Dryopteridaceae		LOWLAND BLADDER FERN	[UPL]	fern	PE	SVP

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CYSTNN	6	<i>Cystopteris tennesseensis</i>	Shaver		Dryopteridaceae		TENNESSEE BLADDER FERN	[UPL]	fern	PE	SVP
CYSTE	5	<i>Cystopteris tenuis</i>	(Michx.) Desv.	syn	Dryopteridaceae		BLADDER FERN	[UPL]	fern	PE	SVP
DACGLO	*	<i>DACTYLIS GLOMERATA</i>	L.		Poaceae		ORCHARD GRASS	FACU	grass	PE	MONO
DALPUR	9	<i>Dalea purpurea</i>	Vent.		Fabaceae		PURPLE PRAIRIE-CLOVER	[UPL]	forb	PE	MONO
DALREP	8	<i>Dalibarda repens</i>	L.		Rosaceae		ROBIN-RUN-AWAY	FAC	forb	PE	DI
DANCOM	4	<i>Danthonia compressa</i>	Austin ex Peck		Poaceae		FLATTENED WILD OAT GRASS	FACU-	grass	PE	MONO
DANSPI	4	<i>Danthonia spicata</i>	(L.) P. Beauv. ex Roem. & Sch.		Poaceae		POVERTY OAT GRASS	[UPL]	grass	PE	MONO
DASMAC	5	<i>Dasistoma macrophylla</i>	(Nutt.) Raf.		Scrophulariaceae		MULLEIN-FOXGLOVE	FACU	forb	PE	DI
DATSTR	*	<i>DATURA STRAMONIUM</i>	L.		Solanaceae		JIMSONWEED	[UPL]	forb	AN	DI
DAUCAR	*	<i>DAUCUS CAROTA</i>	L.		Apiaceae		QUEEN-ANNE'S-LACE	[UPL]	forb	BI	DI
DECVER	6	<i>Decodon verticillatus</i>	(L.) Elliott		Lythraceae	188	SWAMP LOOSESTRIFE	OBL	forb	PE	DI
DELAMB	*	<i>DELPHINIUM AMBIGUUM</i>	L.	syn	Ranunculaceae		ROCKET LARKSPUR	[UPL]	forb	AN	DI
DELEXA	7	<i>Delphinium exaltatum</i>	Aiton		Ranunculaceae		TALL LARKSPUR	[FACU]	forb	PE	DI
DELTRI	4	<i>Delphinium tricorne</i>	Michx.		Ranunculaceae		DWARF LARKSPUR	[UPL]	forb	PE	DI
DENPUN	6	<i>Dennstaedtia punctilobula</i>	(Michx.) T. Moore		Dennstaedtiaceae		HAY-SCENTED FERN	UPL	fern	PE	SVP
DESCES	10	<i>Deschampsia cespitosa</i>	(L.) P. Beauv.		Poaceae		TUFTED HAIRGRASS	FACW	grass	PE	MONO
DEFLE	8	<i>Deschampsia flexuosa</i>	(L.) Trin.		Poaceae		CRINKLED HAIRGRASS	[UPL]	grass	PE	MONO
DESPINB	8	<i>Descurainia pinnata</i> (Walt.) Br. var. <i>brachycarpa</i>	(Richardson) Fernald		Brassicaceae	189	TANSY-MUSTARD	[UPL]	forb	AN	DI
DESPINP	*	<i>DESCURAINIA PINNATA</i> var. <i>PINNATA</i>	(Walt.) Br.		Brassicaceae	190	TANSY-MUSTARD	[UPL]	forb	AN	DI
DESSOP	*	<i>DESCURAINIA SOPHIA</i>	(L.) Webb ex Prantl		Brassicaceae		HERB SOPHIA	[UPL]	forb	AN	DI
DSMILL	3	<i>Desmanthus illinoensis</i>	(Michx.) MacMill.		Mimosaceae	191	PRAIRIE BUNDLE-FLOWER	FAC	forb	PE	DI

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DESCNA	4	<i>Desmodium canadense</i>	(L.) DC.		Fabaceae		CANADA TICK-TREFOIL	FAC	forb	PE	DI
DESCNE	4	<i>Desmodium canescens</i>	(L.) DC.		Fabaceae		HOARY TICK-TREFOIL	[UPL]	forb	PE	DI
DESCIL	6	<i>Desmodium ciliare</i>	(Muhl.) DC.	syn	Fabaceae		LITTLE-LEAVED TICK-TREFOIL	[UPL]	forb	PE	DI
DESCUS	4	<i>Desmodium cuspidatum</i>	(Muhl. ex Willd.) DC ex Loudon		Fabaceae		BIG TICK-TREFOIL	[UPL]	forb	PE	DI
DESGLA	6	<i>Desmodium glabellum</i>	(Michx.) DC.		Fabaceae	192	HAIRY TICK-TREFOIL	[UPL]	forb	PE	DI
DESGLU	5	<i>Desmodium glutinosum</i>	(Muhl. ex Willd.) A.W. Wood		Fabaceae		CLUSTERED-LEAVED	[UPL]	forb	PE	DI
DESILL	9	<i>Desmodium illinoense</i>	A. Gray		Fabaceae		PRAIRIE TICK-TREFOIL	[UPL]	forb	PE	DI
DESLAE	5	<i>Desmodium laevigatum</i>	(Nutt.) DC.		Fabaceae		SMOOTH TICK-TREFOIL	[UPL]	forb	PE	DI
DESMAR	5	<i>Desmodium marilandicum</i>	(L.) DC.		Fabaceae		MARYLAND TICK-TREFOIL	[UPL]	forb	PE	DI
DESNUD	5	<i>Desmodium nudiflorum</i>	(L.) DC.		Fabaceae		NAKED TICK-TREFOIL	[UPL]	forb	PE	DI
DESOBT	7	<u><i>Desmodium obtusum</i></u>	(Muhl. ex Willd.) DC.	syn	Fabaceae		STIFF TICK-TREFOIL	[FACU]	forb	PE	DI
DESPAN	3	<i>Desmodium paniculatum</i>	(L.) DC.		Fabaceae		SHOWY TICK-TREFOIL	UPL	forb	PE	DI
DESPAU	6	<i>Desmodium pauciflorum</i>	(Nutt.) DC.		Fabaceae		FEW-FLOWERED TICK-TREFOIL	[FACU]	forb	PE	DI
DESROT	6	<i>Desmodium rotundifolium</i>	DC.		Fabaceae		ROUND-LEAVED TICK-TREFOIL	[UPL]	forb	PE	DI
DESSES	8	<i>Desmodium sessilifolium</i>	(Torr.) Torr. & A. Gray		Fabaceae		SESSILE TICK-TREFOIL	[UPL]	forb	PE	DI
DESVIR	5	<i>Desmodium viridiflorum</i>	(L.) DC.		Fabaceae	193	VELVETY TICK-TREFOIL	[UPL]	forb	PE	DI
DIAARM	*	<i>DIANTHUS ARMERIA</i>	L.		Caryophyllaceae		DEPTFORD-PINK	UPL	forb	AN	DI
DIABAR	*	<i>DIANTHUS BARBATUS</i>	L.		Caryophyllaceae		SWEET WILLIAM	[UPL]	forb	PE	DI
DIADEL	*	<i>DIANTHUS DELTOIDES</i>	L.		Caryophyllaceae		MAIDEN-PINK	[UPL]	forb	PE	DI
DIAAME	7	<i>Diarrhena americana</i>	P. Beauv. <i>sensu stricto</i>	syn	Poaceae	194	AMERICAN BEAK GRASS	[FAC+]	grass	PE	MONO
DIAOBO	7	<i>Diarrhena obovata</i>	(Gleason) Brandenburg	syn	Poaceae		OBOVATE BEAK GRASS	[FAC+]	grass	PE	MONO

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DICCAN	6	<i>Dicentra canadensis</i>	(Goldie) Walp.		Fumariaceae		SQUIRREL-CORN	[UPL]	forb	PE	DI
DICCUC	6	<i>Dicentra cucullaria</i>	(L.) Bernh.		Fumariaceae		DUTCHMAN'S-BREECHES	[UPL]	forb	PE	DI
DIELON	7	<i>Diervilla lonicera</i>	Mill.		Caprifoliaceae		BUSH-HONEYSUCKLE	[UPL]	shrub	W	DI
DIGFIL	4	<i>Digitaria filiformis</i>	(L.) Koeler		Poaceae		SLENDER CRAB GRASS	[UPL]	grass	AN	MONO
DIGISC	*	<i>DIGITARIA ISCHAEMUM</i>	(Schreb.) Muhl.		Poaceae		SMOOTH CRAB GRASS	UPL	grass	AN	MONO
DIGSAN	*	<i>DIGITARIA SANGUINALIS</i>	(L.) Scop.		Poaceae		NORTHERN CRAB GRASS	FACU-	grass	AN	MONO
DIOTER	3	<i>Diodia teres</i>	Walter		Rubiaceae		ROUGH BUTTONWEED	[UPL]	forb	AN	DI
DIOVIR	8	<i>Diodia virginiana</i>	L.		Rubiaceae		VIRGINIA BUTTONWEED	FACW	forb	AN	DI
DIOSBAT	*	<i>DIOSCOREA BATATAS</i>	Decne.		Dioscoreaceae		CINNAMON-VINE	[FACU]	vine	PE	DI
DIOQUA	5	<i>Dioscorea quaternata</i>	J.F. Gmel.		Dioscoreaceae		WHORLED-LEAVED YAM	FACU	vine	PE	DI
DIOVIL	4	<i>Dioscorea villosa</i>	L.		Dioscoreaceae		WILD YAM	FAC+	vine	PE	DI
DSPVIR	4	<i>Diospyros virginiana</i>	L.		Ebenaceae		PERSIMMON	FAC-	sm	W	DI
DIPDIG	1	<i>Diphasiastrum digitatum</i>	(Dill. ex A. Braun) Holub	syn	Lycopodiaceae	202	GROUND-PINE	FACU-	fern	PE	SVP
DIPTRI	3	<i>Diphasiastrum tristachyum</i>	(Pursh) Holub	syn	Lycopodiaceae		BLUE GROUND-PINE	[UPL]	fern	PE	SVP
DIPMUR	*	<i>DILOTAXIS MURALIS</i>	(L.) DC.		Brassicaceae		SAND ROCKET	[UPL]	forb	AN	DI
DIPTEN	*	<i>DILOTAXIS TENUIFOLIA</i>	(L.) DC.		Brassicaceae		WALL ROCKET	[UPL]	forb	PE	DI
DIPFUL	*	<i>DIPSACUS FULLONUM</i>	L.	syn	Dipsacaceae		WILD TEASEL	FACU-	forb	BI	DI
DIPLAC	*	<i>DIPSACUS LACINIATUS</i>	L.		Dipsacaceae		CUT-LEAVED TEASEL	[UPL]	forb	BI	DI
DIRPAL	7	<i>Dirca palustris</i>	L.		Thymelaeaceae		LEATHERWOOD	FAC	sm	W	DI
DODMEA	7	<i>Dodecatheon meadia</i>	L.		Primulaceae		SHOOTING STAR	FACU	forb	PE	DI
DRABRA	9	<i>Draba brachycarpa</i>	Nutt. ex Torr. & A. Gray		Brassicaceae		LITTLE WHITLOW-GRASS	[UPL]	forb	AN	DI

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DRACUN	9	<i>Draba cuneifolia</i>	Nutt. ex Torr. & A. Gray		Brassicaceae		WEDGE-LEAVED	[UPL]	forb	AN	DI
DRAREP	7	<i>Draba reptans</i>	(Lam.) Fernald		Brassicaceae		CAROLINA WHITLOW-GRASS	[UPL]	forb	AN	DI
DROINT	9	<i>Drosera intermedia</i>	Hayne		Droseraceae		NARROW-LEAVED SUNDEW	OBL	forb	PE	DI
DROROT	7	<i>Drosera rotundifolia</i>	L.		Droseraceae		ROUND-LEAVED SUNDEW	OBL	forb	PE	DI
DRYCAR	5	<i>Dryopteris carthusiana</i>	(Vill.) H.P. Fuchs	syn	Dryopteridaceae	203	SPINULOSE WOOD FERN	FAC+	fern	PE	SVP
DRYCEL	8	<i>Dryopteris celsa</i>	(W. Palmer) Small		Dryopteridaceae		LOG WOOD FERN	OBL	fern	PE	SVP
DRYCLI	8	<i>Dryopteris clintoniana</i>	(DC. Eaton) Dowell	syn	Dryopteridaceae		CLINTON'S WOOD FERN	FACW+	fern	PE	SVP
DRYCRI	8	<i>Dryopteris cristata</i>	(L.) A. Gray		Dryopteridaceae		CRESTED WOOD FERN	FACW+	fern	PE	SVP
DRYFIL	8	<i>Dryopteris filix-mas</i>	L.		Dryopteridaceae		MALE FERN	[UPL]	fern	PE	SVP
DRYGOL	7	<i>Dryopteris goldiana</i>	(Hook. ex Goldie) A. Gray		Dryopteridaceae		GOLDIE'S FERN	FAC+	fern	PE	SVP
DRYINT	6	<i>Dryopteris intermedia</i>	(Muhl. ex Willd.) A. Gray	syn	Dryopteridaceae		EVERGREEN WOOD FERN	FACU	fern	PE	SVP
DRYMAR	5	<i>Dryopteris marginalis</i>	(L.) A. Gray		Dryopteridaceae		MARGINAL WOOD FERN	FACU-	fern	PE	SVP
DUCIND	*	<i>DUCHESNEA INDICA</i>	(Andrews) Focke		Rosaceae		INDIAN-STRAWBERRY	FACU-	forb	PE	DI
DULARU	6	<i>Dulichium arundinaceum</i>	(L.) Britton		Cyperaceae	204	THREE-WAY SEDGE	OBL	sedge	PE	MONO
DYSPAP	*	<i>DYSSODIA PAPPOSA</i>	(Vent.) Hitchc.		Asteraceae		STINKING-MARIGOLD	[UPL]	forb	PE	DI
ECHPUR	6	<i>Echinacea purpurea</i>	(L.) Moench		Asteraceae		PURPLE CONEFLOWER	[UPL]	forb	PE	DI
ECHCRU	*	<i>ECHINOCHLOA CRUSGALLI</i>	(L.) P. Beauv.		Poaceae		BARNYARD GRASS	FACU	grass	AN	MONO
ECHMUR	3	<i>Echinochloa muricata</i>	(P. Beauv.) Fernald		Poaceae	205	ROUGH BARNYARD GRASS	FACW+	grass	AN	MONO
ECHWAL	6	<i>Echinochloa walteri</i>	(Pursh) A. Heller		Poaceae		WALTER'S MILLET	FACW+	grass	AN	MONO
ECHLOB	2	<i>Echinocystis lobata</i>	(Michx.) Torr. & A. Gray		Cucurbitaceae		WILD CUCUMBER	FAC	vine	AN	DI
ECHBER	9	<i>Echinodorus berteroi</i>	(Spreng.) Fassett	syn	Alismataceae		BUR-HEAD	OBL	forb	AN	DI

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ECHVUL	*	<i>ECHIUUM VULGARE</i>	L.		Boraginaceae	206	VIPER'S BUGLOSS	[UPL]	forb	BI	DI
ECLPRO	3	<i>Eclipta prostrata</i>	(L.) L.		Asteraceae	207	YERBA-DE-TAJO	FAC	forb	AN	DI
ELAANG	*	<i>ELAEAGNUS ANGUSTIFOLIA</i>	L.		Elaeagnaceae		RUSSIAN-OLIVE	FACU	sm	W	DI
ELAUMB	*	<i>ELAEAGNUS UMBELLATA</i>	Thun.		Elaeagnaceae		AUTUMN-OLIVE	[FACU]	sm	W	DI
ELATRI	10	<i>Elatine triandra</i>	Schkuhr	syn	Elatinaceae		WATERWORT	OBL	forb	AN	DI
ELEACI	5	<i>Eleocharis acicularis</i>	(L.) Roem. & Schult.		Cyperaceae		NEEDLE SPIKE-RUSH	OBL	sedge	PE	MONO
ELECOM	7	<i>Eleocharis compressa</i>	Sull.	syn	Cyperaceae	208	FLAT-STEM SPIKE-RUSH	FACW+	sedge	PE	MONO
ELEELL	7	<u><i>Eleocharis elliptica</i></u>	Kunth	syn	Cyperaceae		YELLOW-SEEDED SPIKE-RUSH	[FACW+	sedge	PE	MONO
ELEENG	9	<u><i>Eleocharis engelmannii</i></u>	Steud.	syn	Cyperaceae	209	ENGELMANN'S SPIKE-RUSH	FACW+	sedge	AN	MONO
ELEERY	4	<u><i>Eleocharis erythropoda</i></u>	Steud.	syn	Cyperaceae	210	RED-FOOTED SPIKE-RUSH	OBL	sedge	PE	MONO
ELEFLA	8	<i>Eleocharis flavescens</i> (Poir.) Urban var. <i>olivacea</i> (Torr.) Gleason		syn	Cyperaceae		OLIVACEOUS SPIKE-RUSH	OBL	sedge	PE	MONO
ELEGEN	9	<u><i>Eleocharis geniculata</i></u>	(L.) Roem. & Schult.	syn	Cyperaceae	211	CARIBBEAN SPIKE-RUSH	FACW	sedge	AN	MONO
ELEINT	7	<i>Eleocharis intermedia</i>	Schult.		Cyperaceae		MATTED SPIKE-RUSH	FACW+	sedge	AN	MONO
ELEOBT	1	<u><i>Eleocharis obtusa</i></u>	(Willd.) Schult.		Cyperaceae	212	BLUNT SPIKE-RUSH	OBL	sedge	AN	MONO
ELEOVA	9	<u><i>Eleocharis ovata</i></u>	(Roth) Roem. & Schult.		Cyperaceae		OVATE SPIKE-RUSH	OBL	sedge	AN	MONO
ELEPAL	5	<u><i>Eleocharis palustris</i></u>	Britton	syn	Cyperaceae	213	SMALL'S SPIKE-RUSH	OBL	sedge	PE	MONO
ELEPAR	9	<i>Eleocharis parvula</i>	(Roem. & Schult.) Link		Cyperaceae		LEAST SPIKE-RUSH	OBL	sedge	PE	MONO
ELEQUA	4	<i>Eleocharis quadrangulata</i>	(Michx.) Roem. & Schult.		Cyperaceae	214	FOUR-ANGLED SPIKE-RUSH	OBL	sedge	PE	MONO
ELEQUI	10	<u><i>Eleocharis quinqueflora</i></u>	(Hartmann) O. Scharz		Cyperaceae		FEW-FLOWERED SPIKE-RUSH	OBL	sedge	PE	MONO
ELEROB	10	<i>Eleocharis robbinsii</i>	Oakes		Cyperaceae		ROBBINS' SPIKE-RUSH	OBL	sedge	PE	MONO
ELEROS	10	<i>Eleocharis rostellata</i>	(Torr.) Torr.		Cyperaceae		WALKING SPIKE-RUSH	OBL	sedge	PE	MONO

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ELETEN	7	<i>Eleocharis tenuis</i> (Willd.) Schult. var. <i>verrucosa</i>	(Svenson) Svenson	syn	Cyperaceae		VERRUCOSE SPIKE-RUSH	[FACW+	sedge	PE	MONO
ELETENT	9	<i>Eleocharis tenuis</i> var. <i>tenuis</i>	(Willd.) Schult.	syn	Cyperaceae	215	SLENDER SPIKE-RUSH	FACW+	sedge	PE	MONO
ELEWOL	9	<i>Eleocharis wolfii</i>	(A. Gray) A. Gray ex Britton		Cyperaceae		WOLF'S SPIKE-RUSH	OBL	sedge	PE	MONO
ELPCAR	4	<i>Elephantopus carolinianus</i>	Raeusch.		Asteraceae		ELEPHANT'S-FOOT	FACU	forb	PE	DI
ELEIND	*	<i>ELEUSINE INDICA</i>	(L.) Gaertn.		Poaceae		GOOSE GRASS	FACU-	grass	AN	MONO
ELOCAN	3	<i>Elodea canadensis</i>	Michx.		Hydrocharitaceae		COMMON WATERWEED	OBL	forb	PE	MONO
ELONUT	5	<i>Elodea nuttallii</i>	(Planch.) St. John		Hydrocharitaceae		NUTTALL'S WATERWEED	OBL	forb	PE	MONO
ELYCAN	6	<i>Elymus canadensis</i>	L.		Poaceae		CANADA WILD RYE	FACU+	grass	PE	MONO
ELYHYS	4	<i>Elymus hystrix</i>	L.	syn	Poaceae		BOTTLEBRUSH GRASS	UPL	grass	PE	MONO
ELYMAC	6	<i>Elymus macgregorii</i>	R. Brooks & J.J.N. Campb.		Poaceae	541	MACGREGOR'S WILD RYE	[FACW]	grass	PE	MONO
ELYRIP	5	<i>Elymus riparius</i>	Wiegand		Poaceae		RIVERBANK WILD RYE	FACW	grass	PE	MONO
ELYTRA	7	<i>Elymus trachycaulus</i>	(Link) Gould ex Shinners	syn	Poaceae		BEARDED WHEAT GRASS	FACU	grass	PE	MONO
ELYVIL	4	<i>Elymus villosus</i>	Muhl. ex Willd.		Poaceae		HAIRY WILD RYE	FACU-	grass	PE	MONO
ELYVIR	3	<i>Elymus virginicus</i>	L.		Poaceae	216	VIRGINIA WILD RYE	FACW-	grass	PE	MONO
ELYREP	*	<i>ELYTRIGIA REPENS</i>	(L.) Desv. ex B.D. Jacks	syn	Poaceae		QUACKGRASS	FACU-	grass	PE	MONO
ELYSMI	*	<i>ELYTRIGIA SMITHII</i>	(Rydb.) Nevski	syn	Poaceae		WESTERN WHEAT GRASS	[UPL]	grass	PE	MONO
EPIVIR	10	<i>Epifagus virginiana</i>	(L.) Barton		Orobanchaceae		BEECH DROPS	[UPL]	forb	AN	DI
EPIREP	8	<i>Epigaea repens</i>	L.		Ericaceae	217	TRAILING ARBUTUS	[UPL]	shrub	W	DI
EPIANG	7	<i>Epilobium angustifolium</i>	L.		Onagraceae	218	FIREWEED	FAC	forb	PE	DI
EPICIL	4	<i>Epilobium ciliatum</i>	Raf.		Onagraceae		NORTHERN WILLOW-HERB	FAC-	forb	PE	DI
EPICOL	1	<i>Epilobium coloratum</i>	Biehler		Onagraceae		PURPLE-LEAVED WILLOW-HERB	OBL	forb	PE	DI

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EPIHIR	*	<i>EPILOBIUM HIRSUTUM</i>	L.		Onagraceae		HAIRY WILLOW-HERB	FACW	forb	PE	DI
EPILEP	7	<i>Epilobium leptophyllum</i>	Raf.		Onagraceae		NARROW-LEAVED WILLOW-H.	OBL	forb	PE	DI
EPIPAR	*	<i>EPILOBIUM PARVIFLORUM</i>	Schreb.		Onagraceae		SMALL-FLOWERED WILLOW-H.	[FACW]	forb	PE	DI
EPISTR	9	<i>Epilobium strictum</i>	Muhl. ex Spreng.		Onagraceae		SIMPLE WILLOW-HERB	OBL	forb	PE	DI
EPIHEL	*	<i>EPIACTIS HELLEBORINE</i>	(L.) Crantz		Equisetaceae		HELLEBORINE	[UPL]	forb	PE	DI
EQUARV	0	<i>Equisetum arvense</i>	L.		Equisetaceae		FIELD HORSETAIL	FAC	fern	PE	SVP
EQUFLU	7	<i>Equisetum fluviatile</i>	L.		Equisetaceae		WATER HORSETAIL	OBL	fern	PE	SVP
EQUHYE	2	<i>Equisetum hyemale</i>	L.		Equisetaceae	219	SCOURING-RUSH	FACW	fern	PE	SVP
EQULAE	6	<i>Equisetum laevigatum</i>	A. Braun		Equisetaceae		SMOOTH SCOURING-RUSH	FACW	fern	PE	SVP
EQUSYL	7	<i>Equisetum sylvaticum</i>	L.		Equisetaceae		WOODLAND HORSETAIL	FACW	fern	PE	SVP
EQUVAR	8	<i>Equisetum variegatum</i>	Schleich. ex Weber & Mohr		Equisetaceae		VARIEGATED SCOURING-RUSH	FACW	fern	PE	SVP
ERACAP	3	<i>Eragrostis capillaris</i>	(L.) Nees		Poaceae		LACE GRASS	[UPL]	grass	AN	MONO
ERACIL	*	<i>ERAGROSTIS CILIANENSIS</i>	(All.) Vignolo ex Janch.		Poaceae	220	STINK GRASS	FACU	grass	AN	MONO
ERAFRA	3	<i>Eragrostis frankii</i>	C.A. Mey. ex Steud.		Poaceae		FRANK'S LOVE GRASS	FACW	grass	AN	MONO
ERAHYP	4	<i>Eragrostis hypnoides</i>	(Lam.) B.S.P.		Poaceae		CREEPING LOVE GRASS	OBL	grass	AN	MONO
ERAMIN	*	<i>ERAGROSTIS MINOR</i>	Host		Poaceae	221	LOW LOVE GRASS	[UPL]	grass	AN	MONO
ERAPEC	1	<i>Eragrostis pectinacea</i>	(Michx.) Nees ex Steud.		Poaceae		CAROLINA LOVE GRASS	FAC	grass	AN	MONO
ERAPIL	*	<i>ERAGROSTIS PILOSA</i>	(L.) P. Beauv.		Poaceae		INDIA LOVE GRASS	FACU	grass	PE	MONO
ERASPE	2	<i>Eragrostis spectabilis</i>	(Pursh) Steud.		Poaceae		PURPLE LOVE GRASS	[UPL]	grass	PE	MONO
EREHIE	2	<i>Erechtites hieracifolia</i>	(L.) Raf. ex DC.		Asteraceae	222	PILEWORT	FACU	forb	AN	DI
ERIBUL	6	<i>Erigenia bulbosa</i>	(Michx.) Nutt.		Apiaceae		HARBINGER-OF-SPRING	[UPL]	forb	PE	DI

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ERIANN	0	<i>Erigeron annuus</i>	(L.) Pers.		Asteraceae		DAISY FLEABANE	FACU	forb	AN	DI
ERIPHI	2	<i>Erigeron philadelphicus</i>	L.		Asteraceae		PHILADELPHIA FLEABANE	FACU	forb	BI	DI
ERIPUL	5	<i>Erigeron pulchellus</i>	Michx.		Asteraceae	223	ROBIN'S-PLANTAIN	FACU	forb	PE	DI
ERISTR	1	<i>Erigeron strigosus</i>	Muhl. ex Willd.		Asteraceae		ROUGH FLEABANE	FACU+	forb	AN	DI
ERIAQU	10	<i>Eriocaulon aquaticum</i>	(Hill) Druce	syn	Eriocaulaceae	224	WHITE-BUTTONS	OBL	forb	PE	DI
ERIVRG	10	<i>Eriophorum virginicum</i>	L.		Cyperaceae		TAWNY COTTON-GRASS	OBL	sedge	PE	MONO
ERIVRD	10	<i>Eriophorum viridicarinatum</i>	(Englem.) Fernald		Cyperaceae		GREEN COTTON-GRASS	OBL	sedge	PE	MONO
EROCIC	*	<i>ERODIUM CICUTARIUM</i>	(L.) L'Her ex Aiton		Geraniaceae		REDSTEMMED-FILAREE	[UPL]	forb	AN	DI
EROVER	*	<i>EROPHILA VERNA</i>	(L.) Besser	syn	Brassicaceae		WHITLOW-GRASS	[UPL]	forb	AN	DI
ERUGAL	*	<i>ERUCASTRUM GALLICUM</i>	(Willd.) O.E. Schulz		Brassicaceae		DOG-MUSTARD	[UPL]	forb	AN	DI
ERYYUC	7	<i>Eryngium yuccifolium</i>	Michx.		Apiaceae		RATTLESNAKE-MASTER	FAC	forb	PE	DI
ERYASP	10	<i>Erysimum aspera</i> (Nutt.) DC. var. <i>aspera</i>	(Nutt.) DC.	syn	Brassicaceae		WESTERN WALLFLOWER	[UPL]	forb	BI	DI
ERYCHE	*	<i>ERYSIMUM CHEIRANTHOIDES</i>	L.		Brassicaceae		WORMSEED-MUSTARD	FAC	forb	AN	DI
ERYINC	*	<i>ERYSIMUM INCONSPICUUM</i>	(S. Watson) MacMill.		Brassicaceae		PLAINS WALLFLOWER	[UPL]	forb	PE	DI
ERYREP	*	<i>ERYSIMUM REPANDUM</i>	L.		Brassicaceae		BUSHY WALLFLOWER	[UPL]	forb	AN	DI
ERYALB	5	<i>Erythronium albidum</i>	Nutt.		Liliaceae		WHITE TROUT-LILY	FACU	forb	PE	MONO
ERYAME	4	<i>Erythronium americanum</i>	Ker Gawl.		Liliaceae		YELLOW TROUT-LILY	[UPL]	forb	PE	MONO
ERYROS	9	<i>Erythronium rostratum</i>	W. Wolf		Liliaceae		GOLDENSTAR	UPL	forb	PE	MONO
EUOALA	*	<i>EUONYMUS ALATUS</i>	(Thunb.) Siebold		Celastraceae		WINGED WAHOO	[UPL]	shrub	W	DI
EUOAME	6	<i>Euonymus americanus</i>	L.		Celastraceae		AMERICAN STRAWBERRY-BUSH	FAC	shrub	W	DI
EUOATR	3	<i>Euonymus atropurpureus</i>	Jacq.		Celastraceae		BURNING-BUSH	FACU	shrub	W	DI

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EUOEUR	*	<i>EUONYMUS EUROPAEUS</i>	L.		Celastraceae		EUROPEAN SPINDLE TREE	[UPL]	shrub	W	DI
EUOFOR	*	<i>EUONYMUS FORTUNEI</i>	(Turcz.) Hand.-Mazz.		Celastraceae		WINTERCREEPER	[UPL]	vine	W	DI
EUOOBO	5	<i>Euonymus obovatus</i>	Nutt.		Celastraceae		RUNNING STRAWBERRY-BUSH	[FAC]	shrub	W	DI
EUPALB	8	<i>Eupatorium album</i>	L.		Asteraceae		WHITE THOROUGHWORT	[UPL]	forb	PE	DI
EUPALT	0	<i>Eupatorium altissimum</i>	L.		Asteraceae		TALL BONESET	[UPL]	forb	PE	DI
EUPARO	6	<i>Eupatorium aromaticum</i>	L.	syn	Asteraceae		SMOOTH WHITE SNAKEROOT	[UPL]	forb	PE	DI
EUPCOE	3	<i>Eupatorium coelestinum</i>	L.		Asteraceae		MISTFLOWER	FAC	forb	PE	DI
EUPFIS	6	<i>Eupatorium fistulosum</i>	Barratt		Asteraceae		HOLLOW-STEMMED JOE-PYE W.	FACW	forb	PE	DI
EUPHYS	4	<i>Eupatorium hyssopifolium</i>	L.		Asteraceae	225	HYSSOP THOROUGHWORT	[UPL]	forb	PE	DI
EUPINC	4	<i>Eupatorium incarnatum</i>	Walter		Asteraceae		PINK THOROUGHWORT	FAC	forb	PE	DI
EUPMAC	6	<i>Eupatorium maculatum</i>	L.		Asteraceae	226	SPOTTED JOE-PYE WEED	FACW	forb	PE	DI
EUPPER	3	<i>Eupatorium perfoliatum</i>	L.		Asteraceae		COMMON BONESET	FACW+	forb	PE	DI
EUPPUR	5	<i>Eupatorium purpureum</i>	L.		Asteraceae		PURPLE JOE-PYE WEED	FAC	forb	PE	DI
EUPROT	6	<i>Eupatorium rotundifolium</i>	L.		Asteraceae	227	ROUND-LEAVED THOROUGHW.	FAC-	forb	PE	DI
EUPRUG	3	<i>Eupatorium rugosum</i>	Houtt.	syn	Asteraceae		WHITE SNAKEROOT	[FACU]	forb	PE	DI
EUPSER	2	<i>Eupatorium serotinum</i>	Michx.		Asteraceae		LATE-FLOWERING BONESET	FAC-	forb	PE	DI
EUPSES	4	<i>Eupatorium sessilifolium</i>	L.		Asteraceae		UPLAND BONESET	[UPL]	forb	PE	DI
EUPHCM	5	<i>Euphorbia commutata</i>	Engelm.		Euphorbiaceae		WOOD SPURGE	FACU	forb	PE	DI
EUPHCO	4	<i>Euphorbia corollata</i>	L.		Euphorbiaceae		FLOWERING SPURGE	[UPL]	forb	PE	DI
EUPHCY	*	<i>EUPHORBIA CYPARISSIAS</i>	L.		Euphorbiaceae		CYPRESS SPURGE	[UPL]	forb	PE	DI
EUPHDE	*	<i>EUPHORBIA DENTATA</i>	Michx.		Euphorbiaceae	228	TOOTHED SPURGE	[UPL]	forb	AN	DI

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EUPHES	*	<i>EUPHORBIA ESULA</i>	L.		Euphorbiaceae		LEAFY SPURGE	[UPL]	forb	PE	DI
EUPHHU	3	<i>Euphorbia humistrata</i>	Engelm.	syn	Euphorbiaceae		SPREADING SPURGE	FACU	forb	AN	DI
EUPHMA	0	<i>Euphorbia maculata</i>	L.	syn	Euphorbiaceae		SPOTTED SPURGE	FACU-	forb	AN	DI
EUPHMR	*	<i>EUPHORBIA MARGINATA</i>	Pursh		Euphorbiaceae		SNOW-ON-MOUNTAIN	UPL	forb	AN	DI
EUPHNU	0	<i>Euphorbia nutans</i>	Lagasca	syn	Euphorbiaceae		EYEBANE	FACU-	forb	AN	DI
EUPHOB	4	<i>Euphorbia obtusata</i>	Pursh		Euphorbiaceae		BLUNT-LEAVED SPURGE	FACU-	forb	AN	DI
EUPHPE	*	<i>EUPHORBIA PEPLUS</i>	L.		Euphorbiaceae		PETTY SPURGE	[UPL]	forb	AN	DI
EUPHPL	*	<i>EUPHORBIA PLATYPHYLLOS</i>	L.		Euphorbiaceae		BROAD-LEAVED SPURGE	[UPL]	forb	AN	DI
EUPHPO	10	<i>Euphorbia polygonifolia</i>	L.	syn	Euphorbiaceae		SEASIDE SPURGE	FACU	forb	AN	DI
EUPHPU	9	<i>Euphorbia purpurea</i>	(Raf.) Fernald		Euphorbiaceae		GLADE SPURGE	FAC	forb	PE	DI
EUPHSE	8	<i>Euphorbia serpens</i>	Kunth	syn	Euphorbiaceae		ROUND LEAVED SPURGE	[FACW]	forb	AN	DI
EUPHVE	0	<i>Euphorbia vermiculata</i>	Raf.	syn	Euphorbiaceae		HAIRY SPURGE	[UPL]	forb	AN	DI
EUTGRA	2	<i>Euthamia graminifolia</i>	(L.) Nutt.	syn	Asteraceae	229	FLAT-TOPPED GOLDENROD	FAC	forb	PE	DI
EUTREM	9	<i>Euthamia remota</i>	Greene	syn	Asteraceae	230	GREAT LAKES FLAT-TOPPED G.	FAC	forb	PE	DI
FAGESC	*	<i>FAGOPYRUM ESCULENTUM</i>	Moench	syn	Polygonaceae		BUCKWHEAT	[UPL]	forb	AN	DI
FAGGRA	7	<i>Fagus grandifolia</i>	Ehrh.		Fagaceae	231	AMERICAN BEECH	FACU	tree	W	DI
FESELA	*	<i>FESTUCA ELATIOR</i>	L.	syn	Poaceae	232	TALL FESCUE	FACU	grass	PE	MONO
FESIVI	*	<i>FESTUCA OVINA</i>	L.		Poaceae	233	SHEEP FESCUE	[UPL]	grass	PE	MONO
FESPRI	*	<i>FESTUCA PRATENSIS</i>	Huds.	syn	Poaceae		MEADOW FESCUE	FACU-	grass	PE	MONO
FESRUB	*	<i>FESTUCA RUBRA</i>	L.		Poaceae		RED FESCUE	FACU	grass	PE	MONO
FESSUB	5	<i>Festuca subverticillata</i>	(Pers.) E. Alexeev	syn	Poaceae		NODDING FESCUE	FACU	grass	PE	MONO

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FILGER	*	<i>FILAGO GERMANICA</i>	(L.) Huds.		Asteraceae		COTTON-ROSE	[UPL]	forb	AN	DI
FILRUB	8	<i>Filipendula rubra</i>	(Hill) B.L. Rob.		Rosaceae	234	QUEEN-OF-THE-PRAIRIE	FACW	forb	PE	DI
FILULM	*	<i>FILIPENDULA ULMARIA</i>	(L.) Maxim.		Rosaceae		QUEEN-OF-THE-MEADOW	[UPL]	forb	PE	DI
FIMAUT	5	<i>Fimbristylis autumnalis</i>	(L.) Roem. & Schult.		Cyperaceae		AUTUMN SEDGE	FACW+	sedge	AN	MONO
FLOPRO	5	<i>Floerkea proserpinacoides</i>	Willd.		Limnanthaceae		FALSE MERMAID-WEED	FAC	forb	AN	DI
FRAVES	3	<i>Fragaria vesca</i> L. var. <i>americana</i>	Porter		Rosaceae		AM. WOODLAND STRAWBERRY	[UPL]	forb	PE	DI
FRAVES	*	<i>FRAGARIA VESCA</i> var. <i>VESCA</i>	L.		Rosaceae		EUR. WOODLAND STRAWBERRY	[UPL]	forb	PE	DI
FRAVIR	1	<i>Fragaria virginiana</i>	Duchesne		Rosaceae		WILD STRAWBERRY	FACU	forb	PE	DI
FRACAR	7	<i>Frasera caroliniensis</i>	Walter	syn	Gentianaceae		AMERICAN COLUMBO	[UPL]	forb	PE	DI
FRAAME	6	<i>Fraxinus americana</i>	L.		Oleaceae	235	WHITE ASH	FACU	tree	W	DI
FRANIG	7	<i>Fraxinus nigra</i>	Marshall		Oleaceae		BLACK ASH	FACW	tree	W	DI
FRAPEN	3	<i>Fraxinus pennsylvanica</i>	Marshall		Oleaceae	236	GREEN ASH	FACW	tree	W	DI
FRAPRO	7	<i>Fraxinus profunda</i>	(Bush) Bush	syn	Oleaceae		PUMPKIN ASH	OBL	tree	W	DI
FRAQUA	7	<i>Fraxinus quadrangulata</i>	Michx.		Oleaceae		BLUE ASH	[UPL]	tree	W	DI
FROFLO	2	<i>Froelichia floridana</i>	(Nutt.) Moq.		Amaranthaceae	237	COTTONWEED	[UPL]	forb	AN	DI
FROGRA	*	<i>FROELICHIA GRACILIS</i>	(Hook.) Moq.		Amaranthaceae	238	SLENDER COTTONWEED	[UPL]	forb	AN	DI
FUMOFF	*	<i>FUMARIA OFFICINALIS</i>	L.		Fumariaceae		FUMITORY	[UPL]	forb	AN	DI
GALVOL	9	<i>Galactia volubilis</i>	(L.) Britton		Fabaceae		MILK-PEA	FAC+	forb	PE	DI
GALLAD	*	<i>GALEOPSIS LADANUM</i>	L.		Lamiaceae		RED HEMP-NETTLE	[UPL]	forb	AN	DI
GALTET	*	<i>GALEOPSIS TETRAHIT</i>	L.		Lamiaceae		HEMP-NETTLE	[UPL]	forb	AN	DI
GALPAR	*	<i>GALINSOGA PARVIFLORA</i>	Cav.		Asteraceae		LESSER QUICKWEED	[UPL]	forb	AN	DI

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GALQUA	*	<i>GALINSOGA QUADRIRADIATA</i>	Ruiz & Pav.		Asteraceae		COMMON QUICKWEED	[UPL]	forb	AN	DI
GALAPA	0	<i>Galium aparine</i>	L.		Rubiaceae	239	CLEAVERS	FACU	forb	AN	DI
GALASP	4	<i>Galium asprellum</i>	Michx.		Rubiaceae		ROUGH BEDSTRAW	OBL	forb	PE	DI
GALBOR	8	<i>Galium boreale</i>	L.		Rubiaceae		NORTHERN BEDSTRAW	FACU	forb	PE	DI
GALCIR	4	<i>Galium circaeazans</i>	Michx.		Rubiaceae	240	WILD LICORICE	[UPL]	forb	PE	DI
GALCON	5	<i>Galium concinnum</i>	Torr. & A. Gray		Rubiaceae		SHINING BEDSTRAW	UPL	forb	PE	DI
GALLAB	10	<i>Galium labradoricum</i>	(Wiegand) Wiegand		Rubiaceae		BOG BEDSTRAW	OBL	forb	PE	DI
GALLAN	5	<i>Galium lanceolatum</i>	Torr.		Rubiaceae		LANCE-LEAVED BEDSTRAW	[UPL]	forb	PE	DI
GALMOL	*	<i>GALIUM MOLLUGO</i>	L.		Rubiaceae		WHITE BEDSTRAW	[UPL]	forb	PE	DI
GALOBT	5	<i>Galium obtusum</i>	Bigelow		Rubiaceae		BLUNT-LEAVED BEDSTRAW	FACW+	forb	PE	DI
GALODO	*	<i>GALIUM ODORATUM</i>	(L.) Scop.		Rubiaceae		SWEET WOODRUFF	[UPL]	forb	PE	DI
GALPAL	9	<i>Galium palustre</i>	L.		Rubiaceae		MARSH BEDSTRAW	OBL	forb	PE	DI
GALPED	*	<i>GALIUM PEDEMONTANUM</i>	(Bellardi) All.		Rubiaceae		PIEDMONT BEDSTRAW	[UPL]	forb	AN	DI
GALPIL	4	<i>Galium pilosum</i>	Aiton		Rubiaceae		HAIRY BEDSTRAW	[UPL]	forb	PE	DI
GALTIN	4	<i>Galium tinctorium</i>	(L.) Scop.		Rubiaceae		SM. THREE-LOBED BEDSTRAW	OBL	forb	PE	DI
GALTFI	7	<i>Galium trifidum</i>	L.		Rubiaceae		N. THREE-LOBED BEDSTRAW	FACW+	forb	PE	DI
GALTFL	4	<i>Galium triflorum</i>	Michx.		Rubiaceae		SWEET-SCENTED BEDSTRAW	FACU	forb	PE	DI
GALVER	*	<i>GALIUM VERUM</i>	L.		Rubiaceae		YELLOW BEDSTRAW	[UPL]	forb	PE	DI
GAUHIS	10	<i>Gaultheria hispidula</i>	(L.) Muhl. ex Bigelow		Ericaceae		CREEPING SNOWBERRY	FACW	shrub	W	DI
GAUPRO	5	<i>Gaultheria procumbens</i>	L.		Ericaceae		TEABERRY	FACU	shrub	W	DI
GAUBIE	1	<i>Gaura biennis</i>	L.		Onagraceae		GAURA	FACU	forb	BI	DI

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GAYBAC	6	<i>Gaylussacia baccata</i>	(Wangenh.) K. Koch		Ericaceae		HUCKLEBERRY	FACU	shrub	W	DI
GENAND	5	<i>Gentiana andrewsii</i>	Griseb.		Gentianaceae		BOTTLE GENTIAN	FACW	forb	PE	DI
GENCLA	6	<i>Gentiana clausa</i>	Raf.		Gentianaceae		CLOSED GENTIAN	FACW	forb	PE	DI
GENFLA	8	<i>Gentiana flavida</i>	A. Gray	syn	Gentianaceae		YELLOWISH GENTIAN	FACU	forb	PE	DI
GENPUB	10	<i>Gentiana puberulenta</i>	J.S. Pringle		Gentianaceae		PRAIRIE GENTIAN	[FACU+]	forb	PE	DI
GENSAP	10	<i>Gentiana saponaria</i>	L.	syn	Gentianaceae		SOAPWORD GENTIAN	FACW	forb	PE	DI
GENVIL	7	<i>Gentiana villosa</i>	L.		Gentianaceae		SAMPSON'S SNAKEROOT	[UPL]	forb	PE	DI
GENQUI	8	<i>Gentianella quinquefolia</i>	(L.) Small	syn	Gentianaceae	241	STIFF GENTIAN	FAC	forb	BI	DI
GENCRI	7	<i>Gentianopsis crinita</i>	(Froelich) Ma	syn	Gentianaceae		FRINGED GENTIAN	OBL	forb	AN	DI
GENPRO	7	<i>Gentianopsis procera</i>	(T. Holm) Ma	syn	Gentianaceae		WESTERN FRINGED GENTIAN	FACW+	forb	AN	DI
GERBIC	7	<i>Geranium bicknellii</i>	Britton		Geraniaceae		BICKNELL'S GERANIUM	[UPL]	forb	AN	DI
GERCAR	3	<i>Geranium carolinianum</i>	L.		Geraniaceae	242	CAROLINA CRANE'S-BILL	[UPL]	forb	AN	DI
GERCOL	*	<i>GERANIUM COLUMBINUM</i>	L.		Geraniaceae		LONG-STALKED CRANE'S-BILL	[UPL]	forb	AN	DI
GERDIS	*	<i>GERANIUM DISSECTUM</i>	L.		Geraniaceae		CUT-LEAVED CRANE'S-BILL	[UPL]	forb	AN	DI
GERMAC	4	<i>Geranium maculatum</i>	L.		Geraniaceae		WILD GERANIUM	FACU	forb	PE	DI
GERMOL	*	<i>GERANIUM MOLLE</i>	L.		Geraniaceae		DOVE'S-FOOT CRANE'S-BILL	[UPL]	forb	AN	DI
GERPUS	*	<i>GERANIUM PUSILLUM</i>	L.		Geraniaceae		SM.-FLOWERED CRANE'S-BILL	[UPL]	forb	AN	DI
GERROB	4	<i>Geranium robertianum</i>	L.		Geraniaceae		HERB ROBERT	[UPL]	forb	AN	DI
GEUALE	3	<i>Geum aleppicum</i>	Jacq.		Rosaceae	243	YELLOW AVENS	FAC	forb	PE	DI
GEUCAN	2	<i>Geum canadense</i>	Jacq.		Rosaceae		WHITE AVENS	FACU	forb	PE	DI
GEULAC	2	<i>Geum laciniatum</i>	Murray		Rosaceae		ROUGH AVENS	FAC+	forb	PE	DI

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GEURIV	9	<i>Geum rivale</i>	L.		Rosaceae		WATER AVENS	OBL	forb	PE	DI
GEUVER	2	<i>Geum vernum</i>	(Raf.) Torr. & A. Gray		Rosaceae		SPRING AVENS	FACU	forb	PE	DI
GEUVIR	3	<i>Geum virginianum</i>	L.		Rosaceae		CREAM-COLORED AVENS	FAC-	forb	PE	DI
GLEHED	*	GLECHOMA HEDERACEA	L.		Lamiaceae		GROUND IVY	FACU	forb	PE	DI
GLETRI	4	<i>Gleditsia triacanthos</i>	L.		Caesalpinaceae		HONEY LOCUST	FAC-	tree	W	DI
GLYACU	9	<i>Glyceria acutiflora</i>	Torr.		Poaceae		SHARP-GLUMED MANNA GRASS	OBL	grass	PE	MONO
GLYBOR	9	<i>Glyceria borealis</i>	(Nash) Batch.		Poaceae		NORTHERN MANNA GRASS	OBL	grass	PE	MONO
GLYCAN	7	<i>Glyceria canadensis</i>	(Michx.) Trin.		Poaceae		RATTLESNAKE MANNA GRASS	OBL	grass	PE	MONO
GLYGRA	7	<i>Glyceria grandis</i>	S. Watson		Poaceae		TALL MANNA GRASS	OBL	grass	PE	MONO
GLYMEL	7	<i>Glyceria melicaria</i>	(Michx.) F.T. Hubb.		Poaceae		LONG MANNA GRASS	OBL	grass	PE	MONO
GLYSEP	6	<i>Glyceria septentrionalis</i>	Hitchc.		Poaceae		FLOATING MANNA GRASS	OBL	grass	PE	MONO
GLYSTR	2	<i>Glyceria striata</i>	(Lam.) Hitchc.		Poaceae		FOWL MANNA GRASS	OBL	grass	PE	MONO
GNAMAC	3	<i>Gnaphalium macounii</i>	Greene	syn	Asteraceae		CLAMMY CUDWEED	[UPL]	forb	AN	DI
GNAOBT	2	<i>Gnaphalium obtusifolium</i>	L.		Asteraceae		FRAGRANT CUDWEED	[UPL]	forb	AN	DI
GNAPUR	3	<i>Gnaphalium purpureum</i>	L.		Asteraceae		PURPLE CUDWEED	[FACU]	forb	AN	DI
GNAULI	*	GNAPHALIUM ULIGINOSUM	L.		Asteraceae		LOW CUDWEED	FAC	forb	AN	DI
GOOPUB	6	<i>Goodyera pubescens</i>	(Willd.) R. Br. ex W.T. Aiton		Orchidaceae		DOW NY RATTLESNAKE-PLANT.	FACU-	forb	PE	MONO
GOOTES	10	<i>Goodyera tessellata</i>	Lodd.		Orchidaceae		CHECK. RATTLESNAKE-PLANT.	FACU-	forb	PE	MONO
GRANEG	3	<i>Gratiola neglecta</i>	Torr.		Scrophulariaceae		CLAMMY HEDGE-HYSSOP	OBL	forb	AN	DI
GRAVIR	5	<i>Gratiola virginiana</i>	L.		Scrophulariaceae		ROUND-FRUITED	OBL	forb	AN	DI
GRAVIS	6	<i>Gratiola viscidula</i>	Pennell		Scrophulariaceae	244	VISCID HEDGE-HYSSOP	OBL	forb	PE	DI

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GRILAN	*	<i>GRINDELIA LANCEOLATA</i>	Nutt.		Asteraceae		SPINY-TOOTHED GUM-WEED	[UPL]	forb	PE	DI
GRISQU	*	<i>GRINDELIA SQUARROSA</i>	(Pursh) Dunal		Asteraceae	245	CURLY-TOPPED GUM-WEED	FACU	forb	BI	DI
GYMAPP	9	<u><i>Gymnocarpium appalachianum</i></u>	Pryer & Haufler		Dryopteridaceae		APPALACHIAN OAK FERN	[UPL]	fern	PE	SVP
GYMDRY	7	<i>Gymnocarpium dryopteris</i>	(L.) Newman		Dryopteridaceae		OAK FERN	UPL	fern	PE	SVP
GYMDIO	3	<i>Gymnocladus dioicus</i>	(L.) K. Koch		Fabaceae		KENTUCKY COFFEE-TREE	[UPL]	tree	W	DI
GYMAMB	8	<i>Gymnopogon ambiguus</i>	(Michx.) B.S.P.		Poaceae		BEARD GRASS	[UPL]	grass	PE	MONO
HACDEF	6	<i>Hackelia deflexa</i>	(Wahlenb.) Opiz.		Boraginaceae	246	NORTHERN STICKSEED	[UPL]	forb	BI	DI
HACVIR	2	<i>Hackelia virginiana</i>	(L.) I. M. Johnst.		Boraginaceae		VIRGINIA STICKSEED	FACU	forb	BI	DI
HALCAR	5	<u><i>Halesia carolina</i></u>	L.		Styracaceae	247	SILVERBELL	FACU	sm	W	DI
HAMVIR	5	<i>Hamamelis virginiana</i>	L.		Hamamelidaceae	248	WITCH-HAZEL	FAC-	sm	W	DI
HEDHIS	7	<i>Hedeoma hispida</i>	Pursh		Lamiaceae		ROUGH PENNYROYAL	[UPL]	forb	AN	DI
HEDPUL	2	<i>Hedeoma pulegioides</i>	(L.) Pers.		Lamiaceae		AMERICAN PENNYROYAL	[UPL]	forb	AN	DI
HEDHEL	*	<i>HEDERA HELIX</i>	L.		Araliaceae		ENGLISH IVY	[UPL]	vine	W	DI
HEDCAE	3	<i>Hedyotis caerulea</i>	(L.) Hook.	syn	Rubiaceae		BLUETS	FACU	forb	PE	DI
HEDCAN	6	<i>Hedyotis canadensis</i>	(Willd. ex Roe.&Sch.) Fosberg	syn	Rubiaceae		CANADA BLUETS	[UPL]	forb	PE	DI
HEDLON	5	<i>Hedyotis longifolia</i>	(Gaertn.) Hook.	syn	Rubiaceae		LONG-LEAVED SUMMER BLUETS	[UPL]	forb	PE	DI
HEDNIG	8	<i>Hedyotis nigricans</i>	(Lam.) Fosb.	syn	Rubiaceae		NARROW-LEAVED SUMMER	[UPL]	forb	PE	DI
HEDPUR	5	<i>Hedyotis purpurea</i>	(L.) Torr. & A. Gray	syn	Rubiaceae		LARGE SUMMER BLUETS	[UPL]	forb	PE	DI
HELAUT	4	<i>Helenium autumnale</i>	L.		Asteraceae		COMMON SNEEZEWEED	FACW+	forb	PE	DI
HELFLF	*	<i>HELENIUM FLEXUOSUM</i>	Raf.		Asteraceae		NAKED SNEEZEWEED	FAC-	forb	PE	DI
HELBIC	9	<i>Helianthemum bicknellii</i>	Fernald		Cistaceae		PLAINS FROSTWEED	[UPL]	forb	PE	DI

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HELCAN	9	<i>Helianthemum canadense</i>	(L.) Michx.		Cistaceae		CANADA FROSTWEED	[UPL]	forb	PE	DI
HELANN	*	<i>HELIANTHUS ANNUUS</i>	L.		Asteraceae		COMMON SUNFLOWER	FAC-	forb	AN	DI
HELDEC	4	<i>Helianthus decapetalus</i>	L.		Asteraceae		FOREST SUNFLOWER	FACU	forb	PE	DI
HELDIV	4	<i>Helianthus divaricatus</i>	L.		Asteraceae		WOODLAND SUNFLOWER	[UPL]	forb	PE	DI
HELGIG	6	<i>Helianthus giganteus</i>	L.		Asteraceae		SWAMP SUNFLOWER	FACW	forb	PE	DI
HELGRO	4	<i>Helianthus grosseserratus</i>	M. Martens		Asteraceae		SAWTOOTH SUNFLOWER	FACW	forb	PE	DI
HELHIR	4	<i>Helianthus hirsutus</i>	Raf.		Asteraceae	249	HAIRY SUNFLOWER	[UPL]	forb	PE	DI
HELMAX	*	<i>HELIANTHUS MAXIMILIANI</i>	Schrad.		Asteraceae		MAXIMILIAN SUNFLOWER	UPL	forb	PE	DI
HELMIC	5	<i>Helianthus microcephalus</i>	Torr. & A. Gray		Asteraceae		SMALL-HEADED SUNFLOWER	[UPL]	forb	PE	DI
HELMOL	7	<i>Helianthus mollis</i>	Lam.		Asteraceae		ASHY SUNFLOWER	[UPL]	forb	PE	DI
HELOCC	7	<i>Helianthus occidentalis</i>	Riddell		Asteraceae		WESTERN SUNFLOWER	UPL	forb	PE	DI
HELPET	*	<i>HELIANTHUS PETIOLARIS</i>	Nutt.		Asteraceae		PLAINS SUNFLOWER	[UPL]	forb	AN	DI
HELSTR	4	<i>Helianthus strumosus</i>	L.		Asteraceae		ROUGH-LEAVED SUNFLOWER	[UPL]	forb	PE	DI
HELTUB	3	<i>Helianthus tuberosus</i>	L.		Asteraceae		JERUSALEM-ARTICHOKE	FAC	forb	PE	DI
HELHEL	5	<i>Heliopsis helianthoides</i>	(L.) Sweet		Asteraceae	250	SMOOTH OXEYE	[UPL]	forb	PE	DI
HEMFUL	*	<i>HEMEROCALLIS FULVA</i>	(L.) L.		Liliaceae		ORANGE DAY-LILY	[UPL]	forb	PE	MONO
HEPACU	5	<i>Hepatica acutiloba</i>	DC.		Ranunculaceae	251	SHARP-LOBED HEPATICA	[UPL]	forb	PE	DI
HEPAME	5	<i>Hepatica americana</i>	(DC.) Ker Gawl.		Ranunculaceae	252	ROUND-LOBED HEPATICA	[UPL]	forb	PE	DI
HERLAN	4	<i>Heracleum lanatum</i>	Michx.	syn	Apiaceae		COW-PARSNIP	FACU-	forb	PE	DI
HESMAT	*	<i>HESPERIS MATRONALIS</i>	L.		Brassicaceae		DAME'S ROCKET	FACU-	forb	BI	DI
HETREN	10	<i>Heteranthera reniformis</i>	Ruiz & Pav.		Pontederiaceae		MUD-PLANTAIN	OBL	forb	PE	DI

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HEUAME	4	<i>Heuchera americana</i>	L.		Saxifragaceae	253	COMMON ALUM-ROOT	FACU-	forb	PE	DI
HEULON	8	<i>Heuchera longiflora</i>	Rydb.		Saxifragaceae		LONG-FLOWERED ALUM-ROOT	[UPL]	forb	PE	DI
HEUPAR	10	<i>Heuchera parviflora</i>	Bartl.		Saxifragaceae	254	SMALL-FLOWERED ALUM-ROOT	[UPL]	forb	PE	DI
HEUVIL	10	<i>Heuchera villosa</i>	Michx.		Saxifragaceae		HAIRY ALUM-ROOT	[UPL]	forb	PE	DI
HEXSPI	9	<i>Hexalectris spicata</i>	(Walter) Barnhart		Orchidaceae		CRESTED CORAL-ROOT	UPL	forb	PE	MONO
HIBLAE	7	<i>Hibiscus laevis</i>	All.	syn	Malvaceae	255	HALBERD-LEAVED ROSE-MALL.	OBL	forb	PE	DI
HIBMOS	4	<i>Hibiscus moscheutos</i>	L.	syn	Malvaceae	256	SWAMP ROSE-MALLOW	OBL	forb	PE	DI
HIBTRI	*	<i>HIBISCUS TRIONUM</i>	L.		Malvaceae		FLOWER-OF-AN-HOUR	[UPL]	forb	AN	DI
HIEAUR	*	<i>HIERACIUM AURANTIACUM</i>	L.		Asteraceae		ORANGE HAWKWEED	[UPL]	forb	PE	DI
HIECAE	*	<i>HIERACIUM CAESPITOSUM</i>	Dumort		Asteraceae		YELLOW KING-DEVIL	[UPL]	forb	PE	DI
HIEFLO	*	<i>HIERACIUM FLORIBUNDUM</i>	Wimm. & Grab.		Asteraceae		GLAUCOUS HAWKWEED	[UPL]	forb	PE	DI
HIEGRO	5	<i>Hieracium gronovii</i>	L.		Asteraceae		BEAKED HAWKWEED	[UPL]	forb	PE	DI
HIEKALF	6	<i>Hieracium kalmii</i> L. var. <i>fasciculatum</i>	(Pursh) Lepage	syn	Asteraceae		CANADA HAWKWEED	[UPL]	forb	PE	DI
HIELON	9	<i>Hieracium longipilum</i>	Torr.		Asteraceae		LONG-BEARDED HAWKWEED	[UPL]	forb	PE	DI
HIEPAN	6	<i>Hieracium paniculatum</i>	L.		Asteraceae		PANICLED HAWKWEED	[UPL]	forb	PE	DI
HIEPLSA	*	<i>HIERACIUM PILOSELLA</i>	L.		Asteraceae		MOUSE-EAR HAWKWEED	[UPL]	forb	PE	DI
HIEPLOI	*	<i>HIERACIUM PILOSELLOIDES</i>	Vill.		Asteraceae	257	GLAUCOUS KING-DEVIL	[UPL]	forb	PE	DI
HIESCA	5	<i>Hieracium scabrum</i>	Michx.		Asteraceae		ROUGH HAWKWEED	[UPL]	forb	PE	DI
HIEVEN	6	<i>Hieracium venosum</i>	L.		Asteraceae	258	RATTLESNAKE HAWKWEED	[UPL]	forb	PE	DI
HIEODO	8	<i>Hierochloe odorata</i>	(L.) P. Beauv.		Poaceae		VANILLA GRASS	FACW	grass	PE	MONO
HOLLAN	*	<i>HOLCUS LANATUS</i>	L.		Poaceae		VELVET GRASS	FACU	grass	PE	MONO

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HOLUMB	*	<i>HOLOSTEUM UMBELLATUM</i>	L.		Caryophyllaceae		JAGGED CHICKWEED	[UPL]	forb	AN	DI
HORJUB	*	<i>HORDEUM JUBATUM</i>	L.		Poaceae		SQUIRREL-TAIL BARLEY	FAC	grass	PE	MONO
HORPUS	*	<i>HORDEUM PUSILLUM</i>	L.		Poaceae		LITTLE BARLEY	FAC	grass	AN	MONO
HOSVEN	*	<i>HOSTA VENTRICOSA</i>	(Salisb.) Stearn		Liliaceae		PLANTAIN-LILY	[FAC]	forb	PE	MONO
HOTINF	8	<i>Hottonia inflata</i>	Elliott		Primulaceae		FEATHERFOIL	OBL	forb	AN	DI
HUDTOM	*	<i>HUDSONIA TOMENTOSA</i>	Nutt.		Cistaceae	259	BEACH HEATHER	[UPL]	forb	PE	DI
HUMJAP	*	<i>HUMULUS JAPONICUS</i>	Siebold & Zucc.		Cannabaceae		JAPANESE HOPS	FACU	vine	AN	DI
HUMLUP	2	<i>Humulus lupulus</i>	L.		Cannabaceae	260	COMMON HOPS	FACU	vine	PE	DI
HUPAPP	8	<i>Huperzia appalachiana</i>	Beitel & Mickel		Lycopodiaceae	536	MOUNTAIN FIR-MOSS	[UPL]	fern	PE	SVP
HUPLUC	5	<i>Huperzia lucidula</i>	(Michx.) Trevis	syn	Lycopodiaceae		SHINING CLUB-MOSS	FACW-	fern	PE	SVP
HUPPOR	9	<i>Huperzia porophila</i>	(F. E. Lloyd & Underw.) Holub	syn	Lycopodiaceae		ROCK CLUB-MOSS	FACU-	fern	PE	SVP
HYBCON	7	<i>Hybanthus concolor</i>	(T. Forst.) Spreng.		Violaceae		GREEN VIOLET	FACU-	forb	PE	DI
HYDARB	7	<i>Hydrangea arborescens</i>	L.		Hydrangeaceae	261	WILD HYDRANGEA	FACU	shrub	W	DI
HDRCAN	7	<i>Hydrastis canadensis</i>	L.		Ranunculaceae		GOLDENSEAL	[UPL]	forb	PE	DI
HYDAME	7	<i>Hydrocotyle americana</i>	L.		Apiaceae		AMERICAN WATER-PENNYWORT	OBL	forb	PE	DI
HYDRAN	*	<i>HYDROCOTYLE RANUNCULOIDES</i>	L. f.		Apiaceae		BUTTERCUP-PENNYWORT	OBL	forb	PE	DI
HYDUMB	8	<i>Hydrocotyle umbellata</i>	L.		Apiaceae		NAVELWORT	OBL	forb	PE	DI
HYDAPP	5	<i>Hydrophyllum appendiculatum</i>	Michx.		Hydrophyllaceae		APPENDAGED WATERLEAF	[UPL]	forb	BI	DI
HYDCAN	5	<i>Hydrophyllum canadense</i>	L.		Hydrophyllaceae		MAPLE-LEAVED WATERLEAF	FACU	forb	PE	DI
HYDMAC	6	<i>Hydrophyllum macrophyllum</i>	Nutt.		Hydrophyllaceae		LARGED-LEAVED WATERLEAF	[FACU]	forb	PE	DI
HYDVIR	4	<i>Hydrophyllum virginianum</i>	L.		Hydrophyllaceae		VIRGINIA WATERLEAF	FAC	forb	PE	DI

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HYMHHER	10	<i>Hymenoxys herbacea</i>	(Greene) Cusick	syn	Asteraceae		LAKESIDE DAISY	[UPL]	forb	PE	DI
HYPBOR	9	<i>Hypericum boreale</i>	(Britton) E.P. Bicknell	syn	Clusiaceae		NORTHERN ST. JOHN'S-WORT	OBL	forb	PE	DI
HYPCAN	7	<i>Hypericum canadense</i>	L.		Clusiaceae		CANADA ST. JOHN'S-WORT	FACW	forb	AN	DI
HYPDEN	7	<i>Hypericum denticulatum</i>	Walter	syn	Clusiaceae	262	COPPERY ST. JOHN'S-WORT	FACW-	forb	PE	DI
HYPDRU	4	<i>Hypericum drummondii</i>	(Grev. & Hook.) Torr. & A. Gray		Clusiaceae		NITS-AND-LICE	[UPL]	forb	AN	DI
HYPELL	8	<i>Hypericum ellipticum</i>	Hook.		Clusiaceae		FEW-FLOWERED ST. JOHN'S-W.	OBL	forb	PE	DI
HYPGEN	3	<i>Hypericum gentianoides</i>	(L.) B.S.P.		Clusiaceae		ORANGE-GRASS	UPL	forb	AN	DI
HYPGYM	9	<i>Hypericum gymnanthum</i>	Engelm. & A. Gray		Clusiaceae		LEAST ST. JOHN'S-WORT	OBL	forb	AN	DI
HYPHYP	6	<i>Hypericum hypericoides</i>	(L.) Crantz	syn	Clusiaceae	263	ST. ANDREW'S CROSS	[UPL]	shrub	W	DI
HYPKAL	8	<i>Hypericum kalmianum</i>	L.		Clusiaceae		KALM'S ST. JOHN'S-WORT	FAC	shrub	W	DI
HYPMAJ	6	<i>Hypericum majus</i>	(A. Gray) Britton		Clusiaceae		TALL ST. JOHN'S-WORT	FACW	forb	PE	DI
HYPMUT	3	<i>Hypericum mutilum</i>	L.		Clusiaceae		SLENDER ST. JOHN'S-WORT	FACW	forb	AN	DI
HYPPER	*	<i>HYPERICUM PERFORATUM</i>	L.		Clusiaceae		COMMON ST. JOHN'S-WORT	[UPL]	forb	PE	DI
HYPPRO	3	<i>Hypericum prolificum</i>	L.		Clusiaceae	264	SHRUBBY ST. JOHN'S-WORT	FACU	shrub	W	DI
HYPGUN	2	<i>Hypericum punctatum</i>	Lam.		Clusiaceae		SPOTTED ST. JOHN'S-WORT	FAC-	forb	PE	DI
HYPPIR	7	<i>Hypericum pyramidatum</i>	Aiton		Clusiaceae	265	GREAT ST. JOHN'S-WORT	FAC	forb	BI	DI
HYPSPH	6	<i>Hypericum sphaerocarpum</i>	Michx.		Clusiaceae		ROUND-FRUITED ST. JOHN'S-W.	FACU	forb	PE	DI
HYPRAD	*	<i>HYPOCHOERIS RADICATA</i>	L.		Asteraceae		SPOTTED CAT'S-EAR	[UPL]	forb	PE	DI
HYPHIR	6	<i>Hypoxis hirsuta</i>	(L.) Coville		Liliaceae		YELLOW STAR-GRASS	FAC	forb	PE	MONO
ILEOPA	*	<i>ILEX OPACA</i>	Aiton		Aquifoliaceae		AMERICAN HOLLY	FACU+	sm	W	DI
ILEVER	6	<i>Ilex verticillata</i>	(L.) A. Gray		Aquifoliaceae	266	WINTERBERRY	FACW+	shrub	W	DI

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IMPCAP	2	<i>Impatiens capensis</i>	Meerb.		Balsaminaceae		SPOTTED TOUCH-ME-NOT	FACW	forb	AN	DI
IMPPAL	3	<i>Impatiens pallida</i>	Nutt.		Balsaminaceae		PALE TOUCH-ME-NOT	FACW	forb	AN	DI
INUHEL	*	<i>INULA HELENIUM</i>	L.		Asteraceae		ELECAMPANE	FACU	forb	AN	DI
IODPIN	7	<i>Iodanthus pinnatifidus</i>	(Michx.) Steud.		Brassicaceae		PURPLE ROCKET	FACW	forb	AN	DI
IPOCOC	*	<i>IPOMOEA COCCINEA</i>	L.		Convolvulaceae		RED MORNING-GLORY	FACU	forb	AN	DI
IPOHED	*	<i>IPOMOEA HEDERACEA</i>	Jacq.		Convolvulaceae		IVY-LEAVED MORNING-GLORY	FACU	forb	AN	DI
IPOLAC	4	<i>Ipomoea lacunosa</i>	L.		Convolvulaceae		WHITE MORNING-GLORY	FACW	forb	AN	DI
IPOPAN	2	<i>Ipomoea pandurata</i>	(L.) G. Mey.		Convolvulaceae		POTATO-VINE	FACU	forb	AN	DI
IPOPUR	*	<i>IPOMOEA PURPUREA</i>	(L.) Roth		Convolvulaceae		COMMON MORNING-GLORY	UPL	forb	AN	DI
IRIBRE	7	<i>Iris brevicaulis</i>	Raf.		Iridaceae	267	LEAFY BLUE FLAG	OBL	forb	PE	MONO
IRICRI	5	<i>Iris cristata</i>	Aiton		Iridaceae		DWARF CRESTED IRIS	[UPL]	forb	PE	MONO
IRIPSE	*	<i>IRIS PSEUDACORUS</i>	L.		Iridaceae		YELLOW FLAG	OBL	forb	PE	MONO
IRIVERN	9	<i>Iris verna</i>	L.		Iridaceae	268	DWARF IRIS	[UPL]	forb	PE	MONO
IRIVERS	6	<i>Iris versicolor</i>	L.		Iridaceae		NORTHERN BLUE FLAG	OBL	forb	PE	MONO
IRIVIR	6	<i>Iris virginica</i>	L.		Iridaceae		SOUTHERN BLUE FLAG	OBL	forb	PE	MONO
ISABRA	3	<i>Isanthus brachiatus</i>	(L.) B.S.P.	syn	Lamiaceae		FALSE PENNYROYAL	[UPL]	forb	AN	DI
ISOECH	10	<i>Isoetes echinospora</i>	Durieu		Isoetaceae		SPINY-SPORED QUILLWORT	OBL	fern	PE	SVP
ISOENG	6	<i>Isoetes engelmannii</i>	A. Braun		Isoetaceae		APPALACHIAN QUILLWORT	OBL	fern	PE	SVP
ISOBIT	7	<i>Isopyrum bitematum</i>	(Raf.) Torr. & A. Gray		Ranunculaceae		FALSE RUE-ANEMONE	[FAC]	forb	PE	DI
ISOMED	7	<i>Isotria medeoloides</i>	(Pursh) Raf.		Orchidaceae		SMALL WHORLED POGONIA	FACU	forb	PE	MONO
ISOVER	7	<i>Isotria verticillata</i>	Raf.		Orchidaceae		LARGE WHORLED POGONIA	FACU	forb	PE	MONO

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Jefdip	6	<i>Jeffersonia diphylla</i>	(L.) Pers.		Berberidaceae		TWINLEAF	[UPL]	forb	PE	DI
JUGCIN	7	<i>Juglans cinerea</i>	L.		Juglandaceae		BUTTERNUT	FACU+	tree	W	DI
JUGNIG	5	<i>Juglans nigra</i>	L.		Juglandaceae		BLACK WALNUT	FACU	tree	W	DI
JUNACU	4	<i>Juncus acuminatus</i>	Michx.		Juncaceae		SHARP-FRUITED RUSH	OBL	forb	PE	MONO
JUNALP	8	<i>Juncus alpinus</i>	Vill.	syn	Juncaceae	269	ALPINE RUSH	[OBL]	forb	PE	MONO
JUNANT	4	<u><i>Juncus anthelatus</i></u>	(Wigand) R.E. Brooks	syn	Juncaceae		BRANCHED RUSH	[FAC-]	forb	PE	MONO
JUNART	3	<i>Juncus articulatus</i>	L.		Juncaceae		JOINTED RUSH	OBL	forb	PE	MONO
JUNARC	6	<i>Juncus balticus</i>	Willd.	syn	Juncaceae	270	BALTIC RUSH	FACW+	forb	PE	MONO
JUNBRC	5	<i>Juncus brachycarpus</i>	Englem.		Juncaceae		SHORT-FRUITED RUSH	FACW	forb	PE	MONO
JUNBRC	8	<i>Juncus brachycephalus</i>	(Engelm.) Buchenau		Juncaceae	271	SHORT-HEADED RUSH	OBL	forb	PE	MONO
JUNBUF	2	<i>Juncus bufonius</i>	L.		Juncaceae		TOAD RUSH	FACW	forb	AN	MONO
JUNCAN	4	<i>Juncus canadensis</i>	J. Gay ex Laharpe		Juncaceae	272	CANADA RUSH	OBL	forb	PE	MONO
JUNDIC	5	<u><i>Juncus dichotomous</i></u>	Elliott	syn	Juncaceae		FLAT-LEAVED RUSH	FACW-	forb	PE	MONO
JUNDIF	6	<i>Juncus diffusissimus</i>	Buckley		Juncaceae		DIFFUSE RUSH	FACW	forb	PE	MONO
JUNDUD	3	<u><i>Juncus dudleyi</i></u>	Wiegand	syn	Juncaceae		DUDLEY'S RUSH	[FACW-]	forb	PE	MONO
JUNEFF	1	<i>Juncus effusus</i>	L.		Juncaceae	273	SOFT RUSH	FACW+	forb	PE	MONO
JUNGER	*	<i>JUNCUS GERARDII</i>	Loisel.		Juncaceae		BLACK-GRASS	FACW+	forb	PE	MONO
JUNGRE	7	<i>Juncus greenei</i>	Oakes & Tuck.		Juncaceae		GREENE'S RUSH	FAC	forb	PE	MONO
JUNINT	4	<u><i>Juncus interior</i></u>	Wiegand		Juncaceae	274	INLAND RUSH	FACU	forb	PE	MONO
JUNMAR	4	<u><i>Juncus marginatus</i></u>	Rostk.		Juncaceae	275	GRASS-LEAVED RUSH	FACW	forb	PE	MONO
JUNNOD	5	<i>Juncus nodosus</i>	L.		Juncaceae		KNOTTED RUSH	OBL	forb	PE	MONO

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JUNSEC	5	<i>Juncus secundus</i>	P. Beauv. ex Poir.		Juncaceae	276	ONE-SIDED RUSH	FACU	forb	PE	MONO
JUNSUB	6	<i>Juncus subcaudatus</i>	(Engelm.) Coville & S.F. Blake		Juncaceae		SHORT-TAILED RUSH	OBL	forb	PE	MONO
JUNTEN	1	<u><i>Juncus tenuis</i></u>	Willd.	syn	Juncaceae	277	PATH RUSH	FAC-	forb	PE	MONO
JUNTOR	3	<i>Juncus torreyi</i>	Coville		Juncaceae		TORREY'S RUSH	FACW	forb	PE	MONO
JUNCOM	8	<i>Juniperus communis</i>	L.		Cupressaceae	278	COMMON JUNIPER	[FACU-]	shrub	W	GYMN
JUNVIR	3	<i>Juniperus virginiana</i>	L.		Cupressaceae	279	EASTERN RED CEDAR	FACU	tree	W	GYMN
JUSAME	9	<i>Justicia americana</i>	(L.) M. Vahl.		Acanthaceae		WATER-WILLOW	OBL	forb	PE	DI
KALLAT	7	<i>Kalmia latifolia</i>	L.		Ericaceae		MOUNTAIN LAUREL	FACU	shrub	W	DI
KICELA	*	KICKXIA ELATINE	(L.) Dumort		Scrophulariaceae		SHARP-POINTED CANKERROOT	FAC	forb	AN	DI
KOCSCO	*	KOCHIA SCOPARIA	(L.) Roth ex Schrad.		Chenopodiaceae	280	SUMMER-CYPRESS	[UPL]	forb	AN	DI
KOEPYR	10	<i>Koeleria pyramidata</i>	(Lam.) P. Beauv.	syn	Poaceae		JUNE GRASS	[UPL]	grass	PE	MONO
KRIBIF	5	<i>Krigia biflora</i>	(Walter) S.F. Blake		Asteraceae		ORANGE DWARF-DANDELION	FACU	forb	PE	DI
KRIDAN	6	<i>Krigia dandelion</i>	(L.) Nutt.		Asteraceae		POTATO-DANDELION	FAC	forb	PE	DI
KRIVIR	8	<i>Krigia virginica</i>	(L.) Willd.		Asteraceae		DWARF-DANDELION	UPL	forb	AN	DI
KUHEUP	7	<i>Kuhnia eupatorioides</i>	L.	syn	Asteraceae	281	FALSE BONESET	[UPL]	forb	PE	DI
KYLPUM	4	<u><i>Kyllinga pumila</i></u>	Michx.	syn	Cyperaceae		THIN-LEAVED UMBRELLA-SEDGE	FACW	sedge	AN	MONO
LACBIE	1	<i>Lactuca biennis</i>	(Moench) Fernald		Asteraceae		TALL BLUE LETTUCE	FACU	forb	BI	DI
LACCAN	1	<i>Lactuca canadensis</i>	L.		Asteraceae	282	WILD LETTUCE	FACU-	forb	BI	DI
LACFLO	3	<i>Lactuca floridana</i>	(L.) Gaertn.		Asteraceae	283	WOODLAND LETTUCE	FACU-	forb	BI	DI
LACHIR	7	<i>Lactuca hirsuta</i>	Muhl. ex Nutt.		Asteraceae		HAIRY LETTUCE	[UPL]	forb	BI	DI
LACPUL	*	LACTUCA PULCHELLA	(Pursh) DC.	syn	Asteraceae		WESTERN BLUE LETTUCE	FAC	forb	PE	DI

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LACSAL	*	<i>LACTUCA SALIGNA</i>	L.		Asteraceae		WILLOW-LEAVED LETTUCE	[FACU]	forb	BI	DI
LACSER	*	<i>LACTUCA SERRIOLA</i>	L.		Asteraceae	284	PRICKLY LETTUCE	FAC-	forb	BI	DI
LAMAMP	*	<i>LAMIUM AMPLEXICAULE</i>	L.		Lamiaceae		HENBIT	[UPL]	forb	AN	DI
LAMMAC	*	<i>LAMIUM MACULATUM</i>	L.		Lamiaceae		SPOTTED DEAD-NETTLE	[UPL]	forb	PE	DI
LAMPUR	*	<i>LAMIUM PURPUREUM</i>	L.		Lamiaceae		PURPLE DEAD-NETTLE	[UPL]	forb	AN	DI
LAPCAN	5	<i>Laportea canadensis</i>	(L.) Wedd.		Urticaceae		WOOD-NETTLE	FACW	forb	PE	DI
LAPSQU	*	<i>LAPPULA SQUARROSA</i>	(Retz.) Dumort.		Boraginaceae		EUROPEAN STICKSEED	[UPL]	forb	AN	DI
LAPCOM	*	<i>LAPSANA COMMUNIS</i>	L.		Asteraceae		NIPPLEWORT	[UPL]	forb	AN	DI
LARLAR	9	<i>Larix laricina</i>	(Du Roi) K. Koch		Pinaceae		TAMARACK	FACW	tree	W	GYMN
LATLAT	*	<i>LATHYRUS LATIFOLIUS</i>	L.		Fabaceae		EVERLASTING PEA	[UPL]	forb	PE	DI
LATMAR	10	<i>Lathyrus maritimus</i>	(L.) Bigelow		Fabaceae	285	INLAND BEACH PEA	[FACU-]	forb	PE	DI
LATOCH	9	<i>Lathyrus ochroleucus</i>	Hook.		Fabaceae		YELLOW VETCHLING	[UPL]	forb	PE	DI
LATODO	*	<i>LATHYRUS ODORATUS</i>	L.		Fabaceae		SWEET PEA	[UPL]	forb	AN	DI
LATPAL	5	<i>Lathyrus palustris</i>	L.		Fabaceae		MARSH PEA	FACW+	forb	PE	DI
LATTUB	*	<i>LATHYRUS TUBEROSUS</i>	L.		Fabaceae		TUBEROUS VETCHLING	[UPL]	forb	PE	DI
LATVEN	8	<i>Lathyrus venosus</i>	Muhl. ex Willd.		Fabaceae		WILD PEA	FACW	forb	PE	DI
LEAUNI	9	<i>Leavenworthia uniflora</i>	(Michx.) Britton		Brassicaceae		LEAVENWORTHIA	FAC	forb	AN	DI
LECINT	7	<i>Lechea intermedia</i>	Legg. ex Britton		Cistaceae		ROUND-FRUITED PINWEED	[UPL]	forb	PE	DI
LECMIN	8	<i>Lechea minor</i>	L.	syn	Cistaceae	286	THYME-LEAVED PINWEED	[UPL]	forb	PE	DI
LECMUC	7	<i>Lechea mucronata</i>	Raf.	syn	Cistaceae	287	HAIRY PINWEED	[UPL]	forb	PE	DI
LECPUL	7	<i>Lechea pulchella</i>	Raf.	syn	Cistaceae		LEGGETT'S PINWEED	[UPL]	forb	PE	DI

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LECRAC	5	<i>Lechea racemulosa</i>	Michx.		Cistaceae		RACEMED PINWEED	[UPL]	forb	PE	DI
LECTEN	8	<i>Lechea tenuifolia</i>	Michx.		Cistaceae		NARROW-LEAVED PINWEED	[UPL]	forb	PE	DI
LEDGRO	10	<i>Ledum groenlandicum</i>	Oeder		Ericaceae		LABRADOR-TEA	OBL	shrub	W	DI
LEELEN	9	<i>Leersia lenticularis</i>	Michx.		Poaceae		CATCHFLY GRASS	OBL	grass	PE	MONO
LEEORY	1	<i>Leersia oryzoides</i>	(L.) Sw.		Poaceae		RICE CUT GRASS	OBL	grass	PE	MONO
LEEVIR	4	<i>Leersia virginica</i>	Willd.		Poaceae		WHITE GRASS	FACW	grass	PE	MONO
LEMMIN	3	<i>Lemna minor</i>	L.	syn	Lemnaceae	288	COMMON DUCKWEED	OBL	forb	AN	MONO
LEMTRI	6	<i>Lemna trisulca</i>	L.		Lemnaceae		STAR DUCKWEED	OBL	forb	AN	MONO
LEMVAL	8	<i>Lemna valdiviana</i>	Phil.		Lemnaceae	289	PALE DUCKWEED	OBL	forb	AN	MONO
LEOAUT	*	<i>LEONTODON AUTUMNALIS</i>	L.		Asteraceae		FALL-DANDELION	[UPL]	forb	PE	DI
LEOHIS	*	<i>LEONTODON HISPIDUS</i>	L.		Asteraceae		BIG HAWKBIT	[UPL]	forb	PE	DI
LEOCAR	*	<i>LEONURUS CARDIACA</i>	L.		Lamiaceae		MOTHERWORT	[UPL]	forb	PE	DI
LEOMAR	*	<i>LEONURUS MARRUBIASTRUM</i>	L.		Lamiaceae		HOREHOUND MOTHERWORT	[UPL]	forb	BI	DI
LEPCAM	*	<i>LEPIDIUM CAMPESTRE</i>	(L.) R. Br.		Lamiaceae		FIELD PEPPER-GRASS	[UPL]	forb	AN	DI
LEPDEN	*	<i>LEPIDIUM DENSIFLORUM</i>	Schrad.		Brassicaceae	290	PRAIRIE PEPPER-GRASS	FAC	forb	AN	DI
LEPPER	*	<i>LEPIDIUM PERFOLIATUM</i>	L.		Brassicaceae		CLASPING PEPPER-GRASS	UPL	forb	AN	DI
LEPRUD	*	<i>LEPIDIUM RUDERALE</i>	L.		Brassicaceae		STINKING PEPPER-GRASS	[UPL]	forb	AN	DI
LEPVIR	1	<i>Lepidium virginicum</i>	L.		Brassicaceae		COMMON PEPPER-GRASS	FACU-	forb	AN	DI
LEPFAS	*	<i>LEPTOCHLOA FASCICULARIS</i>	(Lam.) A. Gray	syn	Poaceae	291	SPRANGLETOP GRASS	FACW	grass	AN	MONO
LEPCOG	4	<i>Leptoloma cognatum</i>	(Schultes) Chase		Poaceae		FALL WITCH GRASS	[UPL]	grass	PE	MONO
LESCAP	5	<i>Lespedeza capitata</i>	Michx.		Fabaceae		ROUND-HEADED BUSH-CLOVER	FACU-	forb	PE	DI

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LESCUN	*	<i>LESPEDEZA CUNEATA</i>	(Dumont) G. Don		Fabaceae		CHINESE BUSH-CLOVER	FACU-	forb	PE	DI
LESHIR	5	<i>Lespedeza hirta</i>	(L.) Hornem.		Fabaceae		HAIRY BUSH-CLOVER	[UPL]	forb	PE	DI
LESINT	3	<i>Lespedeza intermedia</i>	(S. Watson) Britton		Fabaceae		WAND BUSH-CLOVER	[UPL]	forb	PE	DI
LESPRO	5	<i>Lespedeza procumbens</i>	Michx.		Fabaceae		TRAILING BUSH-CLOVER	[UPL]	forb	PE	DI
LESREP	6	<i>Lespedeza repens</i>	(L.) Barton		Fabaceae		SMALL TRAILING BUSH-CLOVER	[UPL]	forb	PE	DI
LESSTI	*	<i>LESPEDEZA STIPULACEA</i>	Maxim.	syn	Fabaceae		KOREAN-CLOVER	[FACU]	forb	PE	DI
LESSTR	*	<i>LESPEDEZA STRIATA</i>	(Thunb.) Hook. & Arn.	syn	Fabaceae		JAPANESE-CLOVER	[FACU]	forb	PE	DI
LESVIO	4	<i>Lespedeza violacea</i>	(L.) Pers.		Fabaceae		VIOLET BUSH-CLOVER	[UPL]	forb	PE	DI
LESVIR	3	<i>Lespedeza virginica</i>	(L.) Britton		Fabaceae		VIRGINIA BUSH-CLOVER	[UPL]	forb	PE	DI
LEUMUL	5	<i>Leucospora multifida</i>	(Michx.) Nutt.		Scrophulariaceae		LEUCOSPORA	OBL	forb	AN	DI
LIAASP	6	<i>Liatris aspera</i>	Michx.		Asteraceae	292	ROUGH BLAZING-STAR	[UPL]	forb	PE	DI
LIACYL	8	<i>Liatris cylindracea</i>	Michx.		Asteraceae		SLENDER BLAZING-STAR	[UPL]	forb	PE	DI
LIAPYC	*	<i>LIATRIS PYCNOSTACHYA</i>	(L.) Willd.		Asteraceae	293	THICK-SPIKED BLAZING-STAR	FACU	forb	PE	DI
LIASCA	6	<i>Liatris scariosa</i>	(L.) Willd.		Asteraceae	294	NORTHERN BLAZING-STAR	[UPL]	forb	PE	DI
LIASPI	7	<i>Liatris spicata</i>	(L.) Willd.		Asteraceae		SPIKED BLAZING-STAR	FAC+	forb	PE	DI
LIASQU	8	<i>Liatris squarrosa</i>	(L.) Michx.		Asteraceae		SCALY BLAZING-STAR	[UPL]	forb	PE	DI
LIGCAN	6	<i>Ligusticum canadense</i>	(L.) Britton		Apiaceae		AMERICAN LOVAGE	FAC	forb	PE	DI
LIGOBT	*	<i>LIGUSTRUM OBTUSIFOLIUM</i>	Sieb. & Zucc.		Oleaceae		JAPANESE PRIVET	[UPL]	shrub	W	DI
LIGVUL	*	<i>LIGUSTRUM VULGARE</i>	L.		Oleaceae		COMMON PRIVET	FACU	shrub	W	DI
LILCAN	5	<i>Lilium canadense</i>	L.		Liliaceae		CANADA LILY	FAC+	forb	PE	MONO
LILMIC	6	<i>Lilium michiganense</i>	Farw.		Liliaceae		MICHIGAN LILY	[FAC+]	forb	PE	MONO

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LILPHI	7	<i>Lilium philadelphicum</i>	L.		Liliaceae	295	WOOD LILY	FACU+	forb	PE	MONO
LILSUP	8	<i>Lilium superbum</i>	L.		Liliaceae		TURK'S-CAP LILY	FACW+	forb	PE	MONO
LINCAN	4	<i>Linaria canadensis</i>	(L.) Chaz.		Scrophulariaceae		OLD-FIELD TOADFLAX	[UPL]	forb	AN	DI
LINVUL	*	<i>LINARIA VULGARIS</i>	Mill.		Scrophulariaceae		BUTTER-AND-EGGS	[UPL]	forb	PE	DI
LINBEN	5	<i>Lindera benzoin</i>	(L.) Blume		Lauraceae	296	SPICEBUSH	FACW-	shrub	W	DI
LINDUB	2	<i>Lindernia dubia</i>	(L.) Pennell	syn	Scrophulariaceae		FALSE PIMPERNEL	OBL	forb	AN	DI
LINBOR	10	<i>Linnaea borealis</i>	L.		Caprifoliaceae	297	TWINFLOWER	FAC	forb	PE	DI
LINMED	5	<i>Linum medium</i>	(Planch.) Britton		Linaceae	298	STIFF YELLOW FLAX	FACU	forb	PE	DI
LINPER	*	<i>LINUM PERENNE</i>	L.		Linaceae		PERENNIAL FLAX	[UPL]	forb	PE	DI
LINSTR	5	<i>Linum striatum</i>	Walter		Linaceae		RIDGED YELLOW FLAX	FACW	forb	PE	DI
LINSUL	7	<i>Linum sulcatum</i>	Riddell		Linaceae		GROOVED FLAX	[UPL]	forb	AN	DI
LINUSI	*	<i>LINUM USITATISSIMUM</i>	L.		Linaceae		COMMON FLAX	[UPL]	forb	AN	DI
LINVIR	4	<i>Linum virginianum</i>	L.		Linaceae		SLENDER YELLOW FLAX	FACU	forb	PE	DI
LIPLIL	5	<i>Liparis lilifolia</i>	(L.) Rich.		Orchidaceae		LARGE TWAYBLADE	FACU-	forb	PE	MONO
LIPLOE	7	<i>Liparis loeselii</i>	(L.) Rich.		Orchidaceae		BOG TWAYBLADE	FACW	forb	PE	MONO
LIPDRU	10	<i>Lipocarpa drummondii</i>	(Nees) G.C. Tucker	syn	Cyperaceae	299	DRUMMOND'S DWARF	OBL	sedge	AN	MONO
LIPMIC	8	<i>Lipocarpa micrantha</i>	(Vahl) G.C. Tucker	syn	Cyperaceae	300	DWARF BULRUSH	FACW+	sedge	AN	MONO
LIQSTY	6	<i>Liquidambar styraciflua</i>	L.		Hamamelidaceae		SWEETGUM	FAC	tree	W	DI
LIRTUL	6	<i>Liriodendron tulipifera</i>	L.		Magnoliaceae		TULIP TREE	FACU	tree	W	DI
LISCOR	10	<i>Listera cordata</i>	(L.) R. Br.		Orchidaceae		HEARTLEAF TWAYBLADE	FACW+	forb	PE	MONO
LITARV	*	<i>LITHOSPERMUM ARVENSE</i>	L.	syn	Boraginaceae		CORN GROMWELL	[UPL]	forb	AN	DI

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LITCAN	6	<i>Lithospermum canescens</i>	(Michx.) Lehm.		Boraginaceae		HOARY PUCCOON	[UPL]	forb	PE	DI
LITCAR	9	<i>Lithospermum caroliniense</i>	(Walter ex J.F. Gmel.) MacMill.		Boraginaceae	301	PLAINS PUCCOON	[UPL]	forb	PE	DI
LITLAT	7	<i>Lithospermum latifolium</i>	Michx.		Boraginaceae		AMERICAN GROMWELL	[UPL]	forb	PE	DI
LOBCAR	5	<i>Lobelia cardinalis</i>	L.		Campanulaceae		CARDINAL-FLOWER	FACW+	forb	PE	DI
LOBINF	1	<i>Lobelia inflata</i>	L.		Campanulaceae		INDIAN-TOBACCO	FACU	forb	AN	DI
LOBKAL	9	<i>Lobelia kalmii</i>	L.		Campanulaceae		KALM'S LOBELIA	OBL	forb	PE	DI
LOBPUB	5	<i>Lobelia puberula</i>	Michx.		Campanulaceae	302	DOWNY LOBELIA	FACW-	forb	PE	DI
LOBSIP	3	<i>Lobelia siphilitica</i>	L.		Campanulaceae		GREAT BLUE LOBELIA	FACW+	forb	PE	DI
LOBSPI	5	<i>Lobelia spicata</i>	Lam.		Campanulaceae	303	PALE-SPIKE LOBELIA	FAC-	forb	PE	DI
LOBMAR	*	<i>LOBULARIA MARITIMA</i>	(L.) Desv.		Brassicaceae		SWEET ALYSSUM	[UPL]	forb	AN	DI
LOLPER	*	<i>LOLIUM PERENNE</i>	L.		Poaceae		PERENNIAL RYEGRASS	FACU-	grass	PE	MONO
LONCAN	8	<i>Lonicera canadensis</i>	Barton ex Marshall		Caprifoliaceae		CANADA FLY HONEYSUCKLE	FACU	shrub	W	DI
LONDIO	5	<i>Lonicera dioica</i>	L.		Caprifoliaceae	304	WILD HONEYSUCKLE	FACU	vine	W	DI
LONFLA	8	<i>Lonicera flava</i>	Sims		Caprifoliaceae	305	YELLOW HONEYSUCKLE	[UPL]	vine	W	DI
LONFRA	*	<i>LONICERA FRAGRANTISSIMA</i>	Lindl. & Paxt.		Caprifoliaceae		SWEET-BREATH-OF-SPRING	[UPL]	shrub	W	DI
LONJAP	*	<i>LONICERA JAPONICA</i>	Thunb.		Caprifoliaceae		JAPANESE HONEYSUCKLE	FAC-	vine	W	DI
LONMAA	*	<i>LONICERA MAACKII</i>	(Rupr.) Maxim.		Caprifoliaceae		AMUR HONEYSUCKLE	[UPL]	shrub	W	DI
LONMOR	*	<i>LONICERA MORROWII</i>	A. Gray		Caprifoliaceae		MORROW'S HONEYSUCKLE	FACU	shrub	W	DI
LONOBL	9	<i>Lonicera oblongifolia</i>	(Goldie) Hook.		Caprifoliaceae		SWAMP FLY HONEYSUCKLE	OBL	shrub	W	DI
LONRET	7	<i>Lonicera reticulata</i>	Raf.	syn	Caprifoliaceae		GRAPE HONEYSUCKLE	[UPL]	vine	W	DI
LONSEM	*	<i>LONICERA SEMPERVIRENS</i>	L.		Caprifoliaceae		TRUMPET HONEYSUCKLE	FACU	vine	W	DI

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LONTAT	*	<i>LONICERA TATARICA</i>	L.		Caprifoliaceae		TATARIAN HONEYSUCKLE	FACU	shrub	W	DI
LONVIL	9	<i><u>Lonicera villosa</u></i>	(Michx.) Schult.		Caprifoliaceae	306	MOUNTAIN FLY HONEYSUCKLE	[FACW+	shrub	W	DI
LONXYL	*	<i>LONICERA XYLOSTEUM</i>	L.		Caprifoliaceae		EUROPEAN FLY HONEYSUCKLE	[UPL]	shrub	W	DI
LOTCOR	*	<i>LOTUS CORNICULATUS</i>	L.		Fabaceae		BIRD'S-FOOT TREFOIL	FACU-	forb	PE	DI
LUDALT	3	<i>Ludwigia alternifolia</i>	L.		Onagraceae		SEEDBOX	FACW+	forb	PE	DI
LUDDEC	*	<i>LUDWIGIA DECURRENS</i>	Walter		Onagraceae		ERECT PRIMROSE-WILLOW	OBL	forb	AN	DI
LUDLEP	*	<i>LUDWIGIA LEPTOCARPA</i>	(Nutt.) Hara		Onagraceae		HAIRY PRIMROSE-WILLOW	OBL	forb	AN	DI
LUDPAL	3	<i>Ludwigia palustris</i>	(L.) Elliott		Onagraceae		WATER-PURSLANE	OBL	forb	AN	DI
LUDPEP	*	<i>LUDWIGIA PEPLOIDES</i>	(Kunth) P.H. Raven		Onagraceae	307	CREEPING PRIMROSE-WILLOW	OBL	forb	PE	DI
LUDPOL	5	<i>Ludwigia polycarpa</i>	Short & R. Peter		Onagraceae		FALSE LOOSESTRIFE	OBL	forb	PE	DI
LUNANN	*	<i>LUNARIA ANNUA</i>	L.		Brassicaceae		MONEY-PLANT	[UPL]	forb	AN	DI
LUPPER	7	<i>Lupinus perennis</i>	L.		Fabaceae		WILD LUPINE	[UPL]	forb	PE	DI
LUZACU	6	<i>Luzula acuminata</i>	Raf.		Juncaceae	308	HAIRY WOODRUSH	FAC	forb	PE	MONO
LUZBUL	5	<i>Luzula bulbosa</i>	(A.W. Wood) Rydb.		Juncaceae		SOUTHERN WOODRUSH	FACU	forb	PE	MONO
LUZECH	4	<i>Luzula echinata</i>	(Small) F.J. Herm.		Juncaceae	309	ROUND-LEAVED WOODRUSH	FACU	forb	PE	MONO
LUZMUL	3	<i>Luzula multiflora</i>	(Retz.) Lej.		Juncaceae	310	COMMON WOODRUSH	FACU	forb	PE	MONO
LYCCOR	*	<i>LYCHNIS CORONARIA</i>	(L.) Desr.		Caryophyllaceae		MULLEIN-PINK	[UPL]	forb	PE	DI
LYCBAR	*	<i>LYCIUM BARBARUM</i>	L.		Solanaceae	311	COMMON MATRIMONY-VINE	[UPL]	shrub	W	DI
LYCESC	*	<i>LYCOPERSICON ESCULENTUM</i>	Mill.		Solanaceae		TOMATO	[UPL]	forb	AN	DI
LYCINU	7	<i><u>Lycopodiella inundata</u></i>	(L.) Holub	syn	Lycopodiaceae		NORTHERN BOG CLUB-MOSS	OBL	fern	PE	SVP
LYCMAR	7	<i><u>Lycopodiella marqueritae</u></i>	Bruce, Wagner & Beitel		Lycopodiaceae		N. PROSTRATE CLUB-MOSS	[FACW]	fern	PE	SVP

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LYCSUB	9	<i>Lycopodiella subapressa</i>	Bruce, Wagner & Beitel		Lycopodiaceae		APPRESESSED BOG CLUB-MOSS	[FACW]	fern	PE	SVP
LYCCLA	3	<i>Lycopodium clavatum</i>	L.		Lycopodiaceae		RUNNING GROUND-PINE	FAC	fern	PE	SVP
LYCDEN	5	<i>Lycopodium dendroideum</i>	Michx.	syn	Lycopodiaceae		TREE CLUB-MOSS	FACU	fern	PE	SVP
LYCHIC	5	<i>Lycopodium hickeyi</i>	W.H. Wagner, Beitel & DC.		Lycopodiaceae		ROUND-BRANCHED TREE	[FACU]	fern	PE	SVP
LYCLAG	3	<i>Lycopodium lagopus</i>	(Laest. ex Hartm.) G. Zinserl.		Lycopodiaceae	312	ONE-CONED CLUB-MOSS	[UPL]	fern	PE	SVP
LYCOBS	5	<i>Lycopodium obscurum</i>	L.		Lycopodiaceae		FLAT-BRANCHED TREE CLUB-M.	FACU	fern	PE	SVP
LYCAME	3	<i>Lycopus americanus</i>	Muhl. ex W.P.C. Barton		Lamiaceae		AMERICAN WATER-HOREHOUND	OBL	forb	PE	DI
LYCASP	*	<i>LYCOPUS ASPER</i>	Greene		Lamiaceae		ROUGH WATER-HOREHOUND	OBL	forb	PE	DI
LYCEUR	*	<i>LYCOPUS EUROPAEUS</i>	L.		Lamiaceae		EUROPEAN BUGLE-WEED	OBL	forb	PE	DI
LYCRUB	4	<i>Lycopus rubellus</i>	Moench		Lamiaceae		STALKED WATER-HOREHOUND	OBL	forb	PE	DI
LYCUNI	3	<i>Lycopus uniflorus</i>	Michx.	syn	Lamiaceae		NORTHERN WATER-HOREHOUND	OBL	forb	PE	DI
LYCVIR	3	<i>Lycopus virginicus</i>	L.	syn	Lamiaceae		VIRGINIA BUGLE-WEED	OBL	forb	PE	DI
LYGPAL	5	<i>Lygodium palmatum</i>	(Bernh.) Sw.		Schizaeaceae		CLIMBING FERN	FACW	fern	PE	DI
LYOLIG	8	<i>Lyonia ligustrina</i>	(L.) DC.		Ericaceae		MALEBERRY	FACW	shrub	W	DI
LYSCIL	4	<i>Lysimachia ciliata</i>	L.	syn	Primulaceae		FRINGED LOOSESTRIFE	FACW	forb	PE	DI
LYSLAN	6	<i>Lysimachia lanceolata</i>	Walter	syn	Primulaceae		LANCE-LEAVED LOOSESTRIFE	FAC	forb	PE	DI
LYSNUM	*	<i>LYSIMACHIA NUMMULARIA</i>	L.		Primulaceae		MONEYWORT	OBL	forb	PE	DI
LYSQFL	7	<i>Lysimachia quadriflora</i>	Sims	syn	Primulaceae		LINEAR-LEAVED LOOSESTRIFE	FACW+	forb	PE	DI
LYSQFO	5	<i>Lysimachia quadrifolia</i>	L.		Primulaceae		WHORLED LOOSESTRIFE	FACU-	forb	PE	DI
LYSTER	6	<i>Lysimachia terrestris</i>	(L.) B.S.P.		Primulaceae		SWAMP-CANDLES	OBL	forb	PE	DI
LYSTHY	6	<i>Lysimachia thysiflora</i>	L.		Primulaceae		TUFTED LOOSESTRIFE	OBL	forb	PE	DI

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LYSVUL	*	<i>LYSIMACHIA VULGARIS</i>	L.		Primulaceae		GARDEN LOOSESTRIFE	FAC+	forb	PE	DI
LYTALA	6	<i>Lythrum alatum</i>	Pursh		Lythraceae		WINGED LOOSESTRIFE	FACW+	forb	PE	DI
LYTSAL	*	<i>LYTHRUM SALICARIA</i>	L.		Lythraceae		PURPLE LOOSESTRIFE	FACW+	forb	PE	DI
MACPOM	*	<i>MACLURA POMIFERA</i>	(Raf.) C.K. Schneid.		Moraceae		OSAGE-ORANGE	UPL	tree	W	DI
MAGACU	7	<i>Magnolia acuminata</i>	(L.) L.		Magnoliaceae		CUCUMBER TREE	[UPL]	tree	W	DI
MAGMAC	8	<i>Magnolia macrophylla</i>	Michx.		Magnoliaceae		BIGLEAF MAGNOLIA	[UPL]	tree	W	DI
MAGTRI	8	<i>Magnolia tripetala</i>	(L.) L.		Magnoliaceae		UMBRELLA MAGNOLIA	FACU	tree	W	DI
MAICAN	6	<i>Maianthemum canadense</i>	Desf.		Liliaceae	313	CANADA MAYFLOWER	FAC-	forb	PE	MONO
MAIRAC	4	<i>Maianthemum racemosum</i>	(L.) Link	syn	Liliaceae		FALSE SOLOMON'S-SEAL	FACU-	forb	PE	MONO
MAISTE	7	<i>Maianthemum stellatum</i>	(L.) Link	syn	Liliaceae		STARRY FALSE SOLOMON'S-S.	FACW	forb	PE	MONO
MAITRI	10	<i>Maianthemum trifolium</i>	(L.) Sloboda	syn	Liliaceae		THREE-LVD. F. SOLOMON'S-S.	OBL	forb	PE	MONO
MALBAY	6	<i>Malaxis bayardii</i>	Fern.		Orchidaceae		BAYARD'S ADDER'S-MOUTH	[UPL]	forb	PE	MONO
MALUNI	6	<i>Malaxis unifolia</i>	Michx.		Orchidaceae		GREEN ADDER'S-MOUTH	FAC	forb	PE	MONO
MALMOS	*	<i>MALVA MOSCHATA</i>	L.		Malvaceae		MUSK MALLOW	UPL	forb	PE	DI
MALNEG	*	<i>MALVA NEGLECTA</i>	Wallr.		Malvaceae		CHEESE MALLOW	[UPL]	forb	AN	DI
MALROT	*	<i>MALVA ROTUNDIFOLIA</i>	L.	syn	Malvaceae		ROUND-LEAVED MALLOW	[UPL]	forb	AN	DI
MALSYL	*	<i>MALVA SYLVESTRIS</i>	L.		Malvaceae		HIGH MALLOW	[UPL]	forb	BI	DI
MANVIR	9	<i>Manfreda virginica</i>	(L.) Salisb. ex Rose	syn	Agavaceae		AMERICAN ALOE	[UPL]	forb	PE	MONO
MARVUL	*	<i>MARRUBIUM VULGARE</i>	L.		Lamiaceae		COMMON HOREHOUND	UPL	forb	PE	DI
MATOBL	4	<i>Matelea obliqua</i>	(Jacq.) Woodson		Asclepiadaceae		ANGLE-POD	[UPL]	vine	PE	DI
MATMAR	*	<i>MATRICARIA MARITIMA</i>	L.		Asteraceae	314	SCENTLESS CHAMOMILE	[UPL]	forb	AN	DI

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MATMAT	*	<i>MATRICARIA MATRICARIOIDES</i>	(Less.) Porter	syn	Asteraceae		PINEAPPLE-WEED	FACU	forb	AN	DI
MATREC	*	<i>MATRICARIA RECUTITA</i>	L.		Asteraceae		CHAMOMILE	[UPL]	forb	AN	DI
MATSTR	6	<i>Matteuccia struthiopteris</i>	(L.) Tod.		Dryopteridaceae	315	OSTRICH FERN	FACW	fern	PE	DI
MEDVIR	6	<i>Medeola virginiana</i>	L.		Liliaceae		INDIAN CUCUMBER-ROOT	[UPL]	forb	PE	MONO
MEDLUP	*	<i>MEDICAGO LUPULINA</i>	L.		Fabaceae		BLACK MEDICK	UPL	forb	AN	DI
MEDSAT	*	<i>MEDICAGO SATIVA</i>	L.		Fabaceae	316	ALFALFA	[UPL]	forb	PE	DI
MEECOR	7	<i>Meehania cordata</i>	(Nutt.) Britton		Lamiaceae		MEEHANIA	[FACU+]	forb	PE	DI
MELLIN	8	<i>Melampyrum lineare</i>	Desr.		Scrophulariaceae	317	COW-WHEAT	FACU	forb	AN	DI
MELVIR	9	<i>Melanthium virginicum</i>	L.		Liliaceae		BUNCHFLOWER	FACW+	forb	PE	MONO
MELWO	10	<i>Melanthium woodii</i>	(Robbins ex A.W. Wood) Baker	syn	Liliaceae		WOOD'S HELLEBORE	[UPL]	forb	PE	MONO
MELNIT	8	<i>Melica nitens</i>	(Scribn.) Nutt. ex Piper		Poaceae		THREE-FLOWERED MELIC	[UPL]	grass	PE	MONO
MELALB	*	<i>MELILOTUS ALBA</i>	Medik.		Fabaceae		WHITE SWEET-CLOVER	FACU-	forb	BI	DI
MELOFF	*	<i>MELILOTUS OFFICINALIS</i>	(L.) Pall.		Fabaceae		YELLOW SWEET-CLOVER	FACU-	forb	BI	DI
MLIOFF	*	<i>MELISSA OFFICINALIS</i>	L.		Lamiaceae		COMMON BALM	[UPL]	forb	PE	DI
MENCAN	5	<i>Menispermum canadense</i>	L.		Menispermaceae		CANADA MOONSEED	FACU	vine	PE	DI
MENARV	2	<i>Mentha arvensis</i>	L.	syn	Lamiaceae	318	FIELD MINT	FACW	forb	PE	DI
MENLON	*	<i>MENTHA LONGIFOLIA</i>	(L.) L.		Lamiaceae		EUROPEAN HORSEMINT	FACU	forb	PE	DI
MENSPI	*	<i>MENTHA SPICATA</i>	L.		Lamiaceae		SPEARMINT	FACW+	forb	PE	DI
MENPIP	*	<i>MENTHA x PIPERATA</i>	L.		Lamiaceae	319	PEPPERMINT	FACW+	forb	PE	DI
MENTRI	9	<i>Menyanthes trifoliata</i>	L.		Menyanthaceae		BUCKBEAN	OBL	forb	PE	DI
MERANN	*	<i>MERCURIALIS ANNUA</i>	L.		Euphorbiaceae		MERCURY	[UPL]	forb	AN	DI

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MERVIR	6	<i>Mertensia virginica</i>	(L.) Pers. ex Link		Boraginaceae		BLUEBELLS	FACW	forb	PE	DI
MICVIM	*	<i>MICROSTEGIUM VIMINEUM</i>	(Trin.) A. Camus	syn	Poaceae		RECLINING EULALIA	FAC	grass	AN	MONO
MIKSCA	6	<i>Mikania scandens</i>	(L.) Willd.		Asteraceae	320	CLIMBING HEMPWEED	FACW+	shrub	W	DI
MILEFF	7	<i>Milium effusum</i>	L.		Poaceae		WOOD MILLET	[UPL]	grass	PE	MONO
MIMALA	6	<i>Mimulus alatus</i>	Aiton		Scrophulariaceae		WINGED MONKEY-FLOWER	OBL	forb	PE	DI
MIMRIN	4	<i>Mimulus ringens</i>	L.		Scrophulariaceae		COMMON MONKEY-FLOWER	OBL	forb	PE	DI
MIRJAL	*	<i>MIRABILIS JALAPA</i>	L.		Nyctaginaceae		FOUR-O'CLOCK	[UPL]	forb	PE	DI
MIRNYC	*	<i>MIRABILIS NYCTAGINEA</i>	(Michx.) MacMill.		Nyctaginaceae		HEART-LEAVED	FACU-	forb	PE	DI
MISSIN	*	<i>MISCANTHUS SINENSIS</i>	Andersson		Poaceae		EULALIA	FACU	grass	PE	MONO
MITREP	5	<i>Mitchella repens</i>	L.		Rubiaceae		PARTRIDGE-BERRY	FACU	forb	PE	DI
MITDIP	6	<i>Mitella diphylla</i>	L.		Saxifragaceae		MITERWORT	FACU	forb	PE	DI
MOLVER	*	<i>MOLLUGO VERTICILLATA</i>	L.		Molluginaceae		CARPET-WEED	FAC	forb	AN	DI
MONCLI	4	<i>Monarda clinopodia</i>	L.	syn	Lamiaceae		BASIL BEE-BALM	[FAC+]	forb	PE	DI
MONDID	6	<i>Monarda didyma</i>	L.		Lamiaceae		BEE-BALM	FAC+	forb	PE	DI
MONFIS	3	<i>Monarda fistulosa</i>	L.	syn	Lamiaceae		WILD BERGAMOT	UPL	forb	PE	DI
MONPUN	7	<i>Monarda punctata</i>	L.		Lamiaceae	321	DOTTED HORSEMINT	UPL	forb	PE	DI
MONUNI	8	<i>Moneses uniflora</i>	(L.) A. Gray		Pyrolaceae		ONE-FLOWERED WINTERGREEN	[FACU]	forb	PE	DI
MONHYP	6	<i>Monotropa hypopithys</i>	L.		Monotropaceae		PINESAP	[UPL]	forb	PE	DI
MNTUNI	5	<i>Monotropa uniflora</i>	L.		Monotropaceae		INDIAN PIPE	FACU-	forb	PE	DI
MORALB	*	<i>MORUS ALBA</i>	L.		Moraceae		WHITE MULBERRY	UPL	tree	W	DI
MORRUB	7	<i>Morus rubra</i>	L.		Moraceae		RED MULBERRY	FACU	tree	W	DI

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Acronym	CofC	Scientific Name	Authority	syn	Family	fn	Common Name	WET	Form	Habit	Group
MUHASP	*	<i>MUHLENBERGIA ASPERIFOLIA</i>	(Nees & Mey. ex Trin.) Parodi		Poaceae		SCRATCH GRASS	FACW	grass	PE	MONO
MUHCAP	8	<i>Muhlenbergia capillaris</i>	(Lam.) Trin.		Poaceae		HAIR GRASS	FACU-	grass	PE	MONO
MUHCUS	9	<i>Muhlenbergia cuspidata</i>	(Torr. ex Hook.) Rydb.		Poaceae		PLAINS MUHLENBERGIA	[UPL]	grass	PE	MONO
MUHFRO	3	<i>Muhlenbergia frondosa</i>	(Poir.) Fernald		Poaceae		COMMON SATIN GRASS	FAC	grass	PE	MONO
MUHGLA	5	<i>Muhlenbergia glabrifloris</i>	Scribn.		Poaceae	537	INLAND MUHLY	[FACW]	grass	PE	MONO
MUHGLO	9	<i>Muhlenbergia glomerata</i>	(Willd.) Trin.		Poaceae		MARSH MUHLY	FACW	grass	PE	MONO
MUHMEX	4	<i>Muhlenbergia mexicana</i>	(L.) Trin.		Poaceae		LEAFY SATIN GRASS	FACW	grass	PE	MONO
MUHSCH	0	<i>Muhlenbergia schreberi</i>	J.F. Gmel.		Poaceae		NIMBLEWILL	FAC	grass	PE	MONO
MUHSOB	8	<i>Muhlenbergia sobolifera</i>	(Muhl. ex Willd.) Trin.		Poaceae		ROCK SATIN GRASS	[UPL]	grass	PE	MONO
MUHSYL	6	<i>Muhlenbergia sylvatica</i>	(Torr.) Torr. ex A. Gray		Poaceae		WOODLAND SATIN GRASS	FAC+	grass	PE	MONO
MUHTEN	6	<i>Muhlenbergia tenuiflora</i>	(Willd.) B.S.P.		Poaceae		SLENDER SATIN GRASS	[UPL]	grass	PE	MONO
MUSBOT	*	<i>MUSCARI BOTRYOIDES</i>	(L.) Mill.		Liliaceae		GRAPE-HYACINTH	[UPL]	forb	PE	MONO
MYOARV	*	<i>MYOSOTIS ARVENSIS</i>	(L.) Hill		Boraginaceae		FIELD FORGET-ME-NOT	UPL	forb	AN	DI
MYODIS	*	<i>MYOSOTIS DISCOLOR</i>	Pers.		Boraginaceae	322	TWO-COLORED FORGET-ME-NOT	UPL	forb	AN	DI
MYOLAX	7	<i>Myosotis laxa</i>	Lehm.		Boraginaceae		SMALLER FORGET-ME-NOT	OBL	forb	PE	DI
MYOMAC	4	<i>Myosotis macrosperma</i>	Engelm.		Boraginaceae		BRISTLY SCORPION-GRASS	FAC	forb	AN	DI
MYOMIC	*	<i>MYOSOTIS MICRANTHA</i>	Pall. ex Lehm.	syn	Boraginaceae	323	SMALL-FLOWERED	[UPL]	forb	AN	DI
MYOSCO	*	<i>MYOSOTIS SCORPIOIDES</i>	L.		Boraginaceae		TRUE FORGET-ME-NOT	OBL	forb	PE	DI
MYOSYL	*	<i>MYOSOTIS SYLVATICA</i>	Ehrh. ex Hoffm.		Boraginaceae		GARDEN FORGET-ME-NOT	UPL	forb	PE	DI
MYOVER	4	<i>Myosotis verna</i>	Nutt.		Boraginaceae		SPRING FORGET-ME-NOT	FAC-	forb	AN	DI
MYOMIN	*	<i>MYOSURUS MINIMUS</i>	L.		Ranunculaceae	324	MOUSE-TAIL	FACW+	forb	AN	DI

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MYRPEN	10	<i>Myrica pensylvanica</i>	Loesel		Myricaceae		BAYBERRY	FAC	shrub	W	DI
MYRHET	10	<i>Myriophyllum heterophyllum</i>	Michx.		Haloragaceae		TWO-LEAVED WATER-MILFOIL	OBL	forb	PE	DI
MYRSIB	9	<i>Myriophyllum sibiricum</i>	Kom.		Haloragaceae	325	AMERICAN WATER-MILFOIL	[OBL]	forb	PE	DI
MYRSPI	*	<i>MYRIOPHYLLUM SPICATUM</i>	L.		Haloragaceae		EUROPEAN WATER-MILFOIL	OBL	forb	PE	DI
MYRVER	10	<i>Myriophyllum verticillatum</i>	L.		Haloragaceae		GREEN WATER-MILFOIL	OBL	forb	PE	DI
NAJFLE	5	<i>Najas flexilis</i>	(Willd.) Rostk. & W.L.E		Najadaceae		NORTHERN WATER-NYMPH	OBL	forb	AN	MONO
NAJGRA	10	<i>Najas gracillima</i>	(A. Braun ex Engelm.) Magnus		Najadaceae		THREAD-LIKE WATER-NYMPH	OBL	forb	AN	MONO
NAJGUA	6	<i>Najas guadalupensis</i>	(Spreng.) Magnus		Najadaceae	326	SOUTHERN WATER-NYMPH	OBL	forb	AN	MONO
NAJMAR	*	<i>NAJAS MARINA</i>	L.		Najadaceae	327	ALKALINE WATER-NYMPH	OBL	forb	AN	MONO
NAJMAR	8	<i>Najas marina</i>	L.		Najadaceae	328	ALKALINE WATER-NYMPH	OBL	forb	AN	MONO
NAJMIN	*	<i>NAJAS MINOR</i>	All.		Najadaceae		EURASIAN WATER-NYMPH	OBL	forb	AN	MONO
NAPDIO	4	<i>Napaea dioica</i>	L.		Malvaceae		GLADE-MALLOW	FACW	forb	PE	DI
NELLUT	7	<i>Nelumbo lutea</i>	Willd.		Nelumbonaceae		AMERICAN LOTUS	OBL	forb	PE	DI
NEMMUC	10	<i>Nemopanthus mucronatus</i>	(L.) Loes.		Aquifoliaceae		CATBERRY	OBL	shrub	W	DI
NEPCAT	*	<i>NEPETA CATARIA</i>	L.		Lamiaceae		CATNIP	FACU	forb	PE	DI
NESPAN	*	<i>NESLIA PANICULATA</i>	(L.) Desv.		Brassicaceae		BALL-MUSTARD	[UPL]	forb	AN	DI
NICPHY	*	<i>NICANDRA PHYSALODES</i>	(L.) Gaertn.		Solanaceae		APPLE-OF-PERU	[UPL]	forb	AN	DI
NICTAB	*	<i>NICOTIANA TABACUM</i>	L.		Solanaceae		TOBACCO	[UPL]	forb	PE	DI
NOTBIV	7	<i>Nothoscordum bivalve</i>	(L.) Britton		Liliaceae		FALSE GARLIC	FACU	forb	PE	MONO
NUPADV	4	<i>Nuphar advena</i>	(Aiton) W.T. Aiton	syn	Nymphaeaceae		SPATTERDOCK	OBL	forb	PE	DI
NUPVAR	10	<i>Nuphar variegata</i>	Durand	syn	Nymphaeaceae		BULLHEAD-LILY	OBL	forb	PE	DI

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NYMODO	6	<i>Nymphaea odorata</i>	Aiton		Nymphaeaceae	329	FRAGRANT WATER-LILY	OBL	forb	PE	DI
NYSSYL	7	<i>Nyssa sylvatica</i>	Marshall		Cornaceae		BLACK-GUM	FAC	tree	W	DI
OBOVIR	7	<i>Obolaria virginica</i>	L.		Gentianaceae		PENNYWORT	[UPL]	forb	PE	DI
OENBIE	1	<i>Oenothera biennis</i>	L.		Onagraceae	330	COMMON EVENING-PRIMROSE	FACU-	forb	BI	DI
OENCLE	8	<i>Oenothera clelandii</i>	Dietr. Raven, & Wagner		Onagraceae		CLELAND'S EVENING-PRIMROSE	[UPL]	forb	BI	DI
OENFRU	4	<i>Oenothera fruticosa</i>	L.	syn	Onagraceae	331	SOUTHERN SUNDROPS	FAC	forb	BI	DI
OENLAC	4	<i>Oenothera laciniata</i>	Hill		Onagraceae		CUT-LEAVED EVENING PRIMR.	FACU-	forb	AN	DI
OENOAK	10	<u><i>Oenothera oakesiana</i></u>	(A. Gray) J. W. Robbins	syn	Onagraceae	332	OAKES' EVENING PRIMROSE	[FACU-]	forb	AN	DI
OENPAR	7	<i>Oenothera parviflora</i>	L.	syn	Onagraceae	333	SMALL-FLOW. EVENING-PRIMR.	FACU-	forb	BI	DI
OENPER	3	<i>Oenothera perennis</i>	L.		Onagraceae		SMALL SUNDROPS	FAC-	forb	PE	DI
OENPIL	3	<i>Oenothera pilosella</i>	Raf.		Onagraceae		MEADOW SUNDROPS	FAC	forb	PE	DI
OENSPE	*	<i>OENOTHERA SPECIOSA</i>	Nutt.		Onagraceae		WHITE EVENING-PRIMROSE	[UPL]	forb	PE	DI
OENTET	4	<i>Oenothera tetragona</i>	Roth	syn	Onagraceae	334	NORTHERN SUNDROPS	[FAC]	forb	PE	DI
ONOSEN	2	<i>Onoclea sensibilis</i>	L.		Dryopteridaceae		SENSITIVE FERN	FACW	fern	PE	SVP
ONOACA	*	<i>ONOPORDIUM ACANTHIUM</i>	L.		Asteraceae		SCOTCH-THISTLE	[UPL]	forb	BI	DI
ONOMOL	7	<i>Onosmodium molle</i>	Michx.	syn	Boraginaceae	335	FALSE GROMWELL	[FACU]	forb	PE	DI
OPHENG	9	<i>Ophioglossum engelmannii</i>	Prantl.		Ophioglossaceae		LIMESTONE ADDER'S-TONGUE	FACU	fern	PE	SVP
OPHPUS	6	<i>Ophioglossum pusillum</i>	Raf.	syn	Ophioglossaceae		NORTHERN ADDER'S-TONGUE	[FACW]	fern	PE	SVP
OPHVUL	6	<i>Ophioglossum vulgatum</i>	L.	syn	Ophioglossaceae		SOUTHERN ADDER'S-TONGUE	FACW	fern	PE	SVP
OPUHUM	8	<i>Opuntia humifusa</i>	(Raf.) Raf.		Cactaceae		COMMON PRICKLY-PEAR	[UPL]	shrub	W	DI
ORBONO	5	<i>Orbexilum onobrychis</i>	(Nutt.) Rydb.	syn	Fabaceae		SCURF-PEA	[UPL]	forb	PE	DI

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ORBPED	7	<i>Orbexilum pedunculatum</i>	(Miller) Rydb.	syn	Fabaceae		FALSE SCURF-PEA	[UPL]	forb	PE	DI
ORCSPE	7	<i>Orchis spectabilis</i>	L.	syn	Orchidaceae		SHOWY ORCHIS	[UPL]	forb	PE	MONO
ORNUMB	*	<i>ORNITHOGALUM UMBELLATUM</i>	L.		Liliaceae		STAR-OF-BETHLEHEM	FACU	forb	PE	MONO
OROLUD	2	<i>Orobanche ludoviciana</i>	Nutt.		Orobanchaceae		LOUISIANA BROOM-RAPE	[UPL]	forb	PE	DI
OROUNI	6	<i>Orobanche uniflora</i>	L.		Orobanchaceae		ONE-FLOWERED CANCER-ROOT	FACU	forb	PE	DI
ORYASP	10	<i>Oryzopsis asperifolia</i>	Michx.		Poaceae		LARGE-LEAVED MOUNTAIN-RICE	[UPL]	grass	PE	MONO
ORYRAC	10	<i>Oryzopsis racemosa</i>	(Sm.) Ricker ex Hitchc.	syn	Poaceae		MOUNTAIN-RICE	[UPL]	grass	PE	MONO
OSMOCL	4	<i>Osmorhiza claytonii</i>	(Michx.) C.B. Clarke		Apiaceae		WOOLLY SWEET CICELY	FACU-	forb	PE	DI
OSMOLO	4	<i>Osmorhiza longistylis</i>	(Torr.) DC.		Apiaceae		SMOOTH SWEET CICELY	FACU	forb	PE	DI
OSMCIN	6	<i>Osmunda cinnamomea</i>	L.		Osmundaceae		CINNAMON FERN	FACW	fern	PE	SVP
OSMCLA	6	<i>Osmunda claytoniana</i>	L.		Osmundaceae		INTERRUPTED FERN	FAC	fern	PE	SVP
OSMREG	7	<i>Osmunda regalis</i>	L.		Osmundaceae	336	ROYAL FERN	OBL	fern	PE	SVP
OSTVIR	5	<i>Ostrya virginiana</i>	(Miller) K. Koch		Betulaceae		HOP-HORNBEAM	FACU-	tree	W	DI
OXAACE	9	<i>Oxalis acetosella</i>	L.		Oxalidaceae	337	WHITE WOOD-SORREL	[FAC-]	forb	PE	DI
OXACOR	*	<i>OXALIS CORNICULATA</i>	L.		Oxalidaceae		CREEPING WOOD-SORREL	FACU	forb	PE	DI
OXADIL	0	<i>Oxalis dillenii</i>	Jacq.		Oxalidaceae		S. YELLOW WOOD-SORREL	[FACU]	forb	PE	DI
OXAGRA	7	<i>Oxalis grandis</i>	Small		Oxalidaceae		GREAT YELLOW WOOD-SORREL	[UPL]	forb	PE	DI
OXASTR	0	<i>Oxalis stricta</i>	L.		Oxalidaceae		COMMON YELLOW WOOD-SORR.	UPL	forb	PE	DI
OXAVIO	6	<i>Oxalis violacea</i>	L.		Oxalidaceae		VIOLET WOOD-SORREL	[UPL]	forb	PE	DI
OXYARB	7	<i>Oxydendron arboreum</i>	(L.) DC.		Ericaceae		SOURWOOD	UPL	tree	W	DI
OXYRIG	7	<i>Oxypolis rigidior</i>	(L.) Raf.		Apiaceae		COWBANE	OBL	forb	PE	DI

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PANQUI	6	<i>Panax quinquefolius</i>	L.		Araliaceae		GINSENG	[UPL]	forb	PE	DI
PANTRI	6	<i>Panax trifolius</i>	L.		Araliaceae		DWARF GINSENG	[FACU]	forb	PE	DI
PANACU	2	<i>Panicum acuminatum</i>	Sw.	syn	Poaceae		TAPERED ROSETTE GRASS	FAC	grass	PE	MONO
PANANC	3	<i>Panicum anceps</i>	Michx.		Poaceae		BEAKED PANIC GRASS	FAC	grass	PE	MONO
PANBOR	6	<i>Panicum boreale</i>	Nash	syn	Poaceae	195	NORTHERN PANIC GRASS	FACU	grass	PE	MONO
PANBOS	6	<i>Panicum boscii</i>	Poir.	syn	Poaceae		BOSC'S PANIC GRASS	[UPL]	grass	PE	MONO
PANCAP	1	<i>Panicum capillare</i>	L.		Poaceae	338	WITCH GRASS	FAC-	grass	AN	MONO
PANCLA	2	<i>Panicum clandestinum</i>	L.	syn	Poaceae		DEER'S-TONGUE PANIC GRASS	FAC+	grass	PE	MONO
PANCOL	6	<i>Panicum columbianum</i>	Scribn.	syn	Poaceae		AMERICAN PANIC GRASS	FACU	grass	PE	MONO
PANCOM	9	<i>Panicum commonsianum</i>	Ashe	syn	Poaceae		COMMON'S PANIC GRASS	FACU	grass	PE	MONO
PANCOM	5	<i>Panicum commutatum</i>	Schult.	syn	Poaceae	196	VARIABLE PANIC GRASS	FACU+	grass	PE	MONO
PANDEP	8	<i>Panicum depauperatum</i>	Muhl.	syn	Poaceae		STARVED PANIC GRASS	[UPL]	grass	PE	MONO
PANDIC	0	<i>Panicum dichotomiflorum</i>	Michx.		Poaceae		FALL PANIC GRASS	FACW-	grass	AN	MONO
PANDIC	4	<i>Panicum dichotomum</i>	L.	syn	Poaceae		FORKING PANIC GRASS	FAC	grass	PE	MONO
PANFLE	5	<i>Panicum flexile</i>	(Gatt.) Scribn.		Poaceae		FLEXUOUS PANIC GRASS	FACU	grass	AN	MONO
PANIMP	9	<i>Panicum implicatum</i>	Scribn.	syn	Poaceae		SOUTHERN HAIRY PANIC GRASS	[FACW]	grass	PE	MONO
PANLAN	3	<i>Panicum lanuginosum</i>	Elliott	syn	Poaceae		WESTERN PANIC GRASS	FAC	grass	PE	MONO
PANLAT	4	<i>Panicum latifolium</i>	L.	syn	Poaceae		BROAD-LEAVED PANIC GRASS	FACU-	grass	PE	MONO
PANLAX	7	<i>Panicum laxiflorum</i>	Lam.	syn	Poaceae		PALE GREEN PANIC GRASS	FACU	grass	PE	MONO
PANLEI	8	<i>Panicum leibergii</i>	(Vasey) Scribn.	syn	Poaceae		LEIBERG'S PANIC GRASS	FACU	grass	PE	MONO
PANLIN	9	<i>Panicum lindheimeri</i>	Nash	syn	Poaceae		LINDHEIMER'S PANIC GRASS	[OBL]	grass	PE	MONO

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PANLIN	4	<i>Panicum linearifolium</i>	Scribn.	syn	Poaceae		LINEAR-LEAVED PANIC GRASS	[UPL]	grass	PE	MONO
PANRIGP	9	<i>Panicum longifolium</i>	Torr.	syn	Poaceae		LONG-LEAVED PANIC GRASS	OBL	grass	PE	MONO
PANMER	9	<i>Panicum meridionale</i>	Ashe	syn	Poaceae		SOUTHERN HAIRY PANIC GRASS	[UPL]	grass	PE	MONO
PANMIC	5	<i>Panicum microcarpon</i>	Muhl. ex Elliott	syn	Poaceae	197	SMALL-FRUITED PANIC GRASS	[FACU]	grass	PE	MONO
PANOLI	6	<i>Panicum oligoanthes</i>	Schult.	syn	Poaceae	199	FEW-FLOWERED PANIC GRASS	FACU	grass	PE	MONO
PANPER	9	<i>Panicum perlongum</i>	Nash	syn	Poaceae	200	LONG-PANICLED PANIC GRASS	[UPL]	grass	PE	MONO
PANPHI	4	<i>Panicum philadelphicum</i>	Bernh. ex Trin.		Poaceae	339	PHILADELPHIA PANIC GRASS	FAC-	grass	AN	MONO
PANPOL	3	<i>Panicum polyanthes</i>	Schult.	syn	Poaceae		MANY-FLOWERED PANIC GRASS	[FACU]	grass	PE	MONO
PANPRA	9	<i>Panicum praecocius</i>	Hitchc. & Chase	syn	Poaceae		EARLY PANIC GRASS	[UPL]	grass	PE	MONO
PANRIGR	5	<i>Panicum rigidulum</i>	Bosc ex Nees	syn	Poaceae		RIGID PANIC GRASS	FACW+	grass	PE	MONO
PANSCO	6	<i>Panicum scoparium</i>	Lam.	syn	Poaceae	201	VELVET PANIC GRASS	FACW	grass	PE	MONO
PANSPH	4	<i>Panicum sphaerocarpon</i>	Muhl. ex Elliott	syn	Poaceae		ROUND-FRUITED PANIC GRASS	FACU	grass	PE	MONO
PANSPR	9	<i>Panicum spretum</i>	Schult.	syn	Poaceae		NARROW-HEADED PANIC GRASS	[FAC]	grass	PE	MONO
PANVER	7	<i>Panicum verrucosum</i>	Muhl.		Poaceae		WARTY PANIC GRASS	FACW	grass	AN	MONO
PANVIR	4	<i>Panicum virgatum</i>	L.		Poaceae		SWITCH GRASS	FAC	grass	PE	MONO
PANYAD	7	<i>Panicum yadkinense</i>	Ashe	syn	Poaceae	198	SPOTTED PANIC GRASS	[FAC]	grass	PE	MONO
PAPDUB	*	<i>PAPAVER DUBIUM</i>	L.		Papaveraceae		SCARLET POPPY	[UPL]	forb	AN	DI
PAPRHO	*	<i>PAPAVER RHOEAS</i>	L.		Papaveraceae		CORN POPPY	[UPL]	forb	AN	DI
PAPSOM	*	<i>PAPAVER SOMNIFERUM</i>	L.		Papaveraceae		OPIUM POPPY	[UPL]	forb	AN	DI
PARPEN	4	<i>Parietaria pennsylvanica</i>	Muhl. ex Willd.		Urticaceae		PELLITORY	FACU-	forb	AN	DI
PARGLA	10	<i>Parnassia glauca</i>	Raf.		Saxifragaceae		GRASS-OF-PARNASSUS	OBL	forb	PE	DI

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Acronym	CofC	Scientific Name	Authority	syn	Family	fn	Common Name	WET	Form	Habit	Group
PARCAN	5	<i>Paronychia canadensis</i>	(L.) A.W. Wood		Caryophyllaceae		FORKED-CHICKWEED	[UPL]	forb	AN	DI
PARFAS	5	<i>Paronychia fastigiata</i>	(Raf.) Fernald		Caryophyllaceae		LOW FORKED-CHICKWEED	[UPL]	forb	AN	DI
PARQUI	2	<i>Parthenocissus quinquefolia</i>	(L.) Planch.		Vitaceae		VIRGINIA CREEPER	FACU	vine	W	DI
PARVIT	1	<i>Parthenocissus vitacea</i>	(Knerr) Hitchc.		Vitaceae	340	THICKET CREEPER	FACU	vine	W	DI
PASLAE	2	<i>Paspalum laeve</i>	Michx.		Poaceae		FIELD PASPALUM	FAC+	grass	PE	MONO
PASPUB	3	<i>Paspalum pubiflorum</i>	Rupr. ex Fourn.		Poaceae	341	HAIRY-FLOWERED PASPALUM	FAC	grass	PE	MONO
PASFLU	9	<i>Paspalum repens</i>	Berg.		Poaceae	538	RIVERBANK PASPALUM	OBL	grass	PE	MONO
PASSET	2	<i>Paspalum setaceum</i>	Michx.		Poaceae	342	THIN PASPALUM	FACU+	grass	PE	MONO
PASINC	6	<i>Passiflora incarnata</i>	L.		Passifloraceae		PASSION-FLOWER	[UPL]	vine	PE	DI
PASLUT	4	<i>Passiflora lutea</i>	L.		Passifloraceae	343	YELLOW PASSION-FLOWER	[UPL]	vine	PE	DI
PASSAT	*	<i>PASTINACA SATIVA</i>	L.		Apiaceae		WILD PARSNIP	[UPL]	forb	BI	DI
PAUTOM	*	<i>PAULOWNIA TOMENTOSA</i>	(Thunb.) Sieb.&Zucc. ex Steud.		Bignoniaceae		PRINCESS TREE	UPL	tree	W	DI
PAXCAN	10	<i>Paxistima canbyi</i>	A. Gray		Celastraceae		CLIFF-GREEN	[UPL]	shrub	W	DI
PEDCAN	6	<i>Pedicularis canadensis</i>	L.		Scrophulariaceae		COMMON LOUSEWORT	FACU	forb	PE	DI
PEDLAN	8	<i>Pedicularis lanceolata</i>	Michx.		Scrophulariaceae		SWAMP LOUSEWORT	FACW	forb	PE	DI
PELATR	10	<i>Pellaea atropurpurea</i>	(L.) Link		Pteridaceae		PURPLE CLIFF-BRAKE	[UPL]	fern	PE	SVP
PEGLA	10	<i>Pellaea glabella</i>	Mett. ex Kuhn		Pteridaceae		SMOOTH CLIFF-BRAKE	[UPL]	fern	PE	SVP
PELVIR	5	<i>Peltandra virginica</i>	(L.) Schott		Araceae		ARROW-ARUM	OBL	forb	PE	MONO
PENCAL	2	<i>Penstemon calycosus</i>	Small	syn	Scrophulariaceae		FIELD BEARD-TONGUE	UPL	forb	PE	DI
PENCAN	6	<i>Penstemon canescens</i>	(Britton) Britton		Scrophulariaceae		GRAY BEARD-TONGUE	[UPL]	forb	PE	DI
PENDIG	2	<i>Penstemon digitalis</i>	Nutt. ex Sims		Scrophulariaceae	344	FOXGLOVE BEARD-TONGUE	FAC	forb	PE	DI

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PENHIR	3	<i>Penstemon hirsutus</i>	(L.) Willd.		Scrophulariaceae		HAIRY BEARD-TONGUE	[UPL]	forb	PE	DI
PENLAE	5	<i>Penstemon laevigatus</i>	Aiton		Scrophulariaceae	345	SMOOTH BEARD-TONGUE	FACU	forb	PE	DI
PENPAL	5	<i>Penstemon pallidus</i>	Small		Scrophulariaceae		DOWNY WHITE BEARD-TONGUE	FACU	forb	PE	DI
PENTUB	5	<i>Penstemon tubaeflorus</i>	Nutt.		Scrophulariaceae	346	WHITE-WAND BEARD-TONGUE	[UPL]	forb	PE	DI
PENSED	2	<i>Penthorum sedoides</i>	L.		Saxifragaceae		DITCH-STONECROP	OBL	forb	PE	DI
PERAME	8	<i>Perideridia americana</i>	(Nutt.ex DC.) Rchb.		Apiaceae		PERIDERIDIA	[UPL]	forb	PE	DI
PERFRU	*	<i>PERILLA FRUTESCENS</i>	(L.) Britton		Lamiaceae	347	BEEFSTEAK-PLANT	FACU+	forb	AN	DI
PHABIP	4	<i>Phacelia bipinnatifida</i>	Michx.		Hydrophyllaceae		FERN-LEAVED SCORPION-WEED	[FACW-]	forb	BI	DI
PHADUB	10	<i>Phacelia dubia</i>	(L.) Trel.		Hydrophyllaceae		SMALL-FLOWERED	[UPL]	forb	AN	DI
PHAPUR	4	<i>Phacelia purshii</i>	Buckley		Hydrophyllaceae		MIAMI-MIST	[UPL]	forb	AN	DI
PHARAN	8	<i>Phacelia ranunculacea</i>	(Nutt.) Constance		Hydrophyllaceae		BLUE SCORPION-WEED	FACW	forb	AN	DI
PHAARU	0	<i>Phalaris arundinacea</i>	L.		Poaceae		REED CANARY GRASS	FACW+	grass	PE	MONO
PHAPOL	3	<i>Phaseolus polystachios</i>	(L.) B.S.P.		Fabaceae		WILD BEAN	[UPL]	forb	PE	DI
PHICOR	*	<i>PHILADELPHUS CORONARIUS</i>	L.		Hydrangeaceae		EUROPEAN MOCK-ORANGE	[UPL]	shrub	W	DI
PHLPRA	*	<i>PHLEUM PRATENSE</i>	L.		Poaceae		TIMOTHY	FACU	grass	PE	MONO
PHLDIV	4	<i>Phlox divaricata</i>	L.		Polemoniaceae		BLUE PHLOX	FACU	forb	PE	DI
PHLGLA	5	<i>Phlox glaberrima</i>	L.		Polemoniaceae	348	SMOOTH PHLOX	FAC	forb	PE	DI
PHLMAC	7	<i>Phlox maculata</i>	L.		Polemoniaceae	349	SPOTTED PHLOX	FACW	forb	PE	DI
PHLOVA	9	<i>Phlox ovata</i>	L.	syn	Polemoniaceae		MOUNTAIN PHLOX	[UPL]	forb	PE	DI
PHLPAN	2	<i>Phlox paniculata</i>	L.		Polemoniaceae		GARDEN PHLOX	FACU	forb	PE	DI
PHLPIL	6	<i>Phlox pilosa</i>	L.		Polemoniaceae		DOWNY PHLOX	FACU	forb	PE	DI

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PHLSTO	9	<i>Phlox stolonifera</i>	Sims		Polemoniaceae		CREeping PHLOX	[UPL]	forb	PE	DI
PHLSUB	*	<i>PHLOX SUBULATA</i>	L.		Polemoniaceae	350	CREeping PHLOX	[UPL]	forb	PE	DI
PHLSUB	7	<i>Phlox subulata</i>	L.		Polemoniaceae	351	MOSS PHLOX	[UPL]	forb	PE	DI
PHOSER	9	<i>Phoradendron serotinum</i>	(Raf.) M.C. Johnst.	syn	Viscaceae		MISTLETOE	[UPL]	shrub	W	DI
PHRAUS	0	<i>Phragmites australis</i>	(Cav.) Trin.	syn	Poaceae	352	GIANT REED	FACW	grass	PE	MONO
PHRLEP	5	<i>Phryma leptostachya</i>	L.		Verbenaceae		LOPSEED	FACU-	forb	PE	DI
PHYLAN	3	<i>Phyla lanceolata</i>	(Michx.) Greene	syn	Verbenaceae		FOG-FRUIT	OBL	forb	PE	DI
PHYCAR	6	<i>Phyllanthus caroliniensis</i>	Walter		Euphorbiaceae		CAROLINA LEAF-FLOWER	FAC+	forb	AN	DI
PHYALK	*	<i>PHYSALIS ALKEKENGI</i>	L.		Solanaceae		CHINESE LANTERN	[UPL]	forb	PE	DI
PHYHET	1	<i>Physalis heterophylla</i>	Nees		Solanaceae		CLAMMY GROUND-CHERRY	[UPL]	forb	PE	DI
PHYLON	1	<i>Physalis longifolia</i>	Nutt.		Solanaceae	353	SMOOTH GROUND-CHERRY	[UPL]	forb	PE	DI
PHYPUB	1	<i>Physalis pubescens</i>	L.		Solanaceae	354	DOWNY GROUND-CHERRY	FACU-	forb	AN	DI
PHYVIR	7	<i>Physalis virginiana</i>	Mill.		Solanaceae		VIRGINIA GROUND-CHERRY	[UPL]	forb	PE	DI
PHYOPU	4	<i>Physocarpus opulifolius</i>	(L.) Maxim.		Rosaceae	355	NINEBARK	FACW-	shrub	W	DI
PHSVIR	5	<i>Physostegia virginiana</i>	(L.) Benth.		Lamiaceae	356	OBEDIENT PLANT	FAC+	forb	PE	DI
PHYAME	1	<i>Phytolacca americana</i>	L.		Phytolaccaceae		POKEWEED	FACU+	forb	PE	DI
PILFON	4	<i>Pilea fontana</i>	(Lunnell) Rydb.		Urticaceae		COOLWORT	FACW+	forb	AN	DI
PILPUM	2	<i>Pilea pumila</i>	(L.) A. Gray		Urticaceae		CLEARWEED	FACW	forb	AN	DI
PINECH	8	<i>Pinus echinata</i>	Mill.		Pinaceae		SHORTLEAF PINE	[UPL]	tree	W	GYMN
PINNIG	*	<i>PINUS NIGRA</i>	Arn.		Pinaceae		AUSTRIAN PINE	[UPL]	tree	W	GYMN
PINRES	*	<i>PINUS RESINOSA</i>	Aiton		Pinaceae		RED PINE	FACU	tree	W	GYMN

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PINRIG	7	<i>Pinus rigida</i>	Mill.		Pinaceae		PITCH PINE	FACU	tree	W	GYMN
PINSTR	*	<i>PINUS STROBUS</i>	L.		Pinaceae	357	WHITE PINE	FACU	tree	W	GYMN
PINSTRN	6	<i>Pinus strobus</i>	L.		Pinaceae	358	WHITE PINE	FACU	tree	W	GYMN
PINSYL	*	<i>PINUS SYLVESTRIS</i>	L.		Pinaceae		SCOTCH PINE	[UPL]	tree	W	GYMN
PINVIR	3	<i>Pinus virginiana</i>	Mill.		Pinaceae		VIRGINIA PINE	[UPL]	tree	W	GYMN
PIPAVE	8	<i>Piptochaetium avenaceum</i>	(L.) Parodi	syn	Poaceae		BLACKSEED NEEDLE GRASS	[UPL]	grass	PE	MONO
PLANAR	*	<i>PLANTAGO ARISTATA</i>	Michx.		Plantaginaceae		BRACTED PLANTAIN	[UPL]	forb	AN	DI
PLANCO	9	<i>Plantago cordata</i>	Lam.		Plantaginaceae		HEART-LEAVED PLANTAIN	OBL	forb	PE	DI
PLANLA	*	<i>PLANTAGO LANCEOLATA</i>	L.		Plantaginaceae		ENGLISH PLANTAIN	UPL	forb	PE	DI
PLANMA	*	<i>PLANTAGO MAJOR</i>	L.		Plantaginaceae		COMMON PLANTAIN	FACU	forb	PE	DI
PLANPA	7	<i>Plantago patagonica</i>	Jacq.		Plantaginaceae		WOOLLY PLANTAIN	UPL	forb	AN	DI
PLANPS	*	<i>PLANTAGO PSYLLIUM</i>	L.		Plantaginaceae		FLEAWORT	[UPL]	forb	AN	DI
PLANRU	0	<i>Plantago rugelii</i>	Decne.		Plantaginaceae		RUGEL'S PLANTAIN	FACU	forb	PE	DI
PLANVI	1	<i>Plantago virginica</i>	L.		Plantaginaceae		VIRGINIA PLANTAIN	[UPL]	forb	AN	DI
PLAAQU	8	<i>Platanthera aquilonis</i>	Sheviak	syn	Orchidaceae		TALL NORTHERN GREEN	FACW	forb	PE	MONO
PLABLE	10	<i>Platanthera blephariglottis</i>	(Willd.) Lindl.	syn	Orchidaceae		WHITE FRINGED ORCHID	OBL	forb	PE	MONO
PLACIL	8	<i>Platanthera ciliaris</i>	(L.) Lindl.	syn	Orchidaceae		YELLOW FRINGED ORCHID	FACW	forb	PE	MONO
PLACLA	6	<i>Platanthera clavellata</i>	(Michx.) Luer	syn	Orchidaceae		GREEN WOODLAND ORCHID	[FACW+	forb	PE	MONO
PLAFLA	6	<i>Platanthera flava</i>	(L.) Lindl.	syn	Orchidaceae	359	TUBERCLED REIN-ORCHID	FACW	forb	PE	MONO
PLAGRA	10	<i>Platanthera grandiflora</i>	(Bigelow) Lindl.	syn	Orchidaceae		LARGE PURPLE FRINGED	FACW	forb	PE	MONO
PLAHO	8	<i>Platanthera hookeri</i>	(Torr. ex A. Gray) Lindl.	syn	Orchidaceae		HOOKE'S ORCHID	FAC	forb	PE	MONO

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PLALAC	3	<i>Platanthera lacera</i>	(Michx.) G. Don	syn	Orchidaceae		RAGGED FRINGED ORCHID	FACW	forb	PE	MONO
PLALEU	8	<i>Platanthera leucophaea</i>	(Nutt.) Lindl.	syn	Orchidaceae		PRAIRIE FRINGED ORCHID	FACW+	forb	PE	MONO
PLAORB	7	<i>Platanthera orbiculata</i>	(Pursh) Lindl.	syn	Orchidaceae		LARGE ROUND-LEAVED ORCHID	FAC	forb	PE	MONO
PLAPER	6	<i>Platanthera peramoena</i>	(A. Gray) A. Gray	syn	Orchidaceae		PURPLE FRINGELESS ORCHID	FACW	forb	PE	MONO
PLAPSY	8	<i>Platanthera psycodes</i>	(L.) Lindl.	syn	Orchidaceae		SMALL PURPLE FRINGED	FACW	forb	PE	MONO
PLAOCC	7	<i>Platanus occidentalis</i>	L.		Platanaceae		SYCAMORE	FACW-	tree	W	DI
POLPOL	8	<i>Pleopeltis polypodioides</i>	(L.) E.G. Andrews & Windham	syn	Polypodiaceae	375	RESURRECTION FERN	[UPL]	fern	PE	SVP
PLUCAM	6	<i>Pluchea camphorata</i>	(L.) DC.		Asteraceae		CAMPHORWEED	FACW	forb	AN	DI
POAALS	5	<i>Poa alsodes</i>	A. Gray		Poaceae		WOODLAND BLUEGRASS	FACW-	grass	PE	DI
POAANN	*	<i>POA ANNUA</i>	L.		Poaceae		ANNUAL BLUEGRASS	FACU	grass	AN	MONO
POABUL	*	<i>POA BULBOSA</i>	L.		Poaceae		BULB-BEARING BLUEGRASS	[FAC]	grass	PE	MONO
POACHA	*	<i>POA CHAPMANIANA</i>	Scribn.		Poaceae		CHAPMAN'S BLUEGRASS	UPL	grass	AN	MONO
POACOM	*	<i>POA COMPRESSA</i>	L.		Poaceae		CANADA BLUEGRASS	FACU	grass	PE	MONO
POACUS	7	<i>Poa cuspidata</i>	Nutt.		Poaceae		EARLY BLUEGRASS	[UPL]	grass	PE	MONO
POALAN	6	<i>Poa languida</i>	Hitchc.		Poaceae	360	WEAK SPEAR GRASS	[UPL]	grass	PE	MONO
POANEM	*	<i>POA NEMORALIS</i>	L.		Poaceae		FOREST BLUEGRASS	FAC	grass	PE	MONO
POAPLU	9	<i>Poa paludigena</i>	Fernald & Wiegand		Poaceae		MARSH SPEAR GRASS	FACW+	grass	PE	MONO
POAPAL	5	<i>Poa palustris</i>	L.		Poaceae		FOWL MEADOW GRASS	FACW	grass	PE	MONO
POAPRA	*	<i>POA PRATENSIS</i>	L.		Poaceae		KENTUCKY BLUEGRASS	FACU	grass	PE	MONO
POASAL	8	<i>Poa saltuensis</i>	Fernald & Wiegand		Poaceae		PASTURE BLUEGRASS	[UPL]	grass	PE	MONO
POASYL	5	<i>Poa sylvestris</i>	A. Gray		Poaceae		WOODS BLUEGRASS	FACW	grass	PE	MONO

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POATRI	*	<i>POA TRIVIALIS</i>	L.		Poaceae		ROUGH BLUEGRASS	FACW	grass	PE	MONO
POAWOL	7	<i>Poa wolfii</i>	Scribn.		Poaceae		WOLF'S BLUEGRASS	[UPL]	grass	PE	MONO
PODPEL	4	<i>Podophyllum peltatum</i>	L.		Berberidaceae		MAYAPPLE	FACU	forb	PE	MONO
PODCER	10	<i>Podostemum ceratophyllum</i>	Michx.		Podostemaceae		RIVERWEED	OBL	forb	PE	DI
POGOPH	9	<i>Pogonia ophioglossoides</i>	(L.) Ker Gawl.		Orchidaceae		ROSE POGONIA	OBL	forb	PE	MONO
POLDOD	3	<i>Polanisia dodecandra</i>	(L.) DC.		Capparaceae		CLAMMY-WEED	FACU	forb	AN	DI
POLREP	5	<i>Polemonium reptans</i>	L.		Polemoniaceae	361	SPREADING JACOB'S LADDER	FACU	forb	PE	DI
PLYCRU	10	<i>Polygala cruciata</i>	L.		Polygalaceae	362	CROSS-LEAVED MILKWORT	FACW+	forb	AN	DI
PLYCUR	8	<i>Polygala curtissii</i>	A. Gray		Polygalaceae		CURTISS' MILKWORT	[UPL]	forb	AN	DI
PLYINC	6	<i>Polygala incarnata</i>	L.		Polygalaceae		PINK MILKWORT	UPL	forb	AN	DI
PLYPAU	8	<i>Polygala paucifolia</i>	Willd.		Polygalaceae		FRINGED MILKWORT	FACU	forb	PE	DI
PLYPOL	10	<i>Polygala polygama</i>	Walter		Polygalaceae		RACEMED MILKWORT	UPL	forb	PE	DI
PLYSAN	2	<i>Polygala sanguinea</i>	L.		Polygalaceae		FIELD MILKWORT	FACU	forb	AN	DI
PLYSEN	7	<i>Polygala senega</i>	L.		Polygalaceae	363	SENECA SNAKEROOT	FACU	forb	PE	DI
PLYVER	2	<i>Polygala verticillata</i>	L.		Polygalaceae	364	WHORLED MILKWORT	UPL	forb	AN	DI
POLBIF	4	<i>Polygonatum biflorum</i>	(Walter) Elliott	syn	Liliaceae		SMOOTH SOLOMON'S-SEAL	FACU	forb	PE	MONO
POLPUB	5	<i>Polygonatum pubescens</i>	(Willd.) Pursh		Liliaceae		DOWNY SOLOMON'S-SEAL	[UPL]	forb	PE	MONO
PLGACH	*	<i>POLYGONUM ACHOREUM</i>	S.F. Blake		Polygonaceae		KNOTWEED	FACU	forb	AN	DI
PLGAMP	4	<i>Polygonum amphibium</i>	L.		Polygonaceae	365	WATER SMARTWEED	OBL	forb	PE	DI
PLGARI	4	<i>Polygonum arifolium</i>	L.		Polygonaceae	366	HALBERD-LEAVED TEARTHUMB	OBL	forb	AN	DI
PLGAVI	*	<i>POLYGONUM AVICULARE</i>	L.		Polygonaceae		COMMON KNOTWEED	FACU	forb	AN	DI

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PLGCAR	9	<i>Polygonum careyi</i>	Olney		Polygonaceae		CAREY'S SMARTWEED	FACW	forb	AN	DI
PLGCES	*	<i>POLYGONUM CESPITOSUM</i>	Blume		Polygonaceae	367	LONG-BRISTLED SMARTWEED	FACU-	forb	AN	DI
PLGCIL	8	<i>Polygonum cilinode</i>	Michx.		Polygonaceae		MOUNTAIN BINDWEED	[UPL]	vine	PE	DI
PLGCON	*	<i>POLYGONUM CONVOLVULUS</i>	L.		Polygonaceae		BLACK BINDWEED	FACU	vine	AN	DI
PLGCUS	*	<i>POLYGONUM CUSPIDATUM</i>	Siebold & Zucc.		Polygonaceae		JAPANESE KNOTWEED	FACU-	forb	PE	DI
PLGERE	1	<i>Polygonum erectum</i>	L.		Polygonaceae		ERECT KNOTWEED	FACU	forb	AN	DI
PLGHPR	1	<i>Polygonum hydropiper</i>	L.		Polygonaceae	368	WATER-PEPPER	OBL	forb	AN	DI
PLGHPO	6	<i><u>Polygonum hydropiperoides</u></i>	Michx.	syn	Polygonaceae	369	MILD WATER-PEPPER	OBL	forb	PE	DI
PLGLAP	1	<i>Polygonum lapathifolium</i>	L.		Polygonaceae	370	DOCK-LEAVED SMARTWEED	FACW+	forb	AN	DI
PLGORI	*	<i>POLYGONUM ORIENTALE</i>	L.		Polygonaceae		PRINCE'S FEATHER	FACU-	forb	AN	DI
PLGPEN	0	<i>Polygonum pensylvanicum</i>	L.		Polygonaceae	371	PINKWEED	FACW	forb	AN	DI
PLGPER	*	<i>POLYGONUM PERSICARIA</i>	L.		Polygonaceae		LADY'S THUMB	FACW	forb	AN	DI
PLGPUN	6	<i>Polygonum punctatum</i>	Elliott		Polygonaceae		DOTTED SMARTWEED	OBL	forb	PE	DI
PLGRAM	1	<i>Polygonum ramosissimum</i>	Michx.		Polygonaceae	372	BUSHY KNOTWEED	FAC	forb	AN	DI
PLGROB	5	<i>Polygonum robustius</i>	(Small) Fernald	syn	Polygonaceae		COARSE SMARTWEED	OBL	forb	PE	DI
PLGSAC	*	<i>POLYGONUM SACHALINENSE</i>	F. W. Schmidt ex Maxim.		Polygonaceae		GIANT KNOTWEED	[UPL]	forb	PE	DI
PLGSAG	2	<i>Polygonum sagittatum</i>	L.		Polygonaceae		ARROW-LEAVED TEARTHUMB	OBL	forb	AN	DI
PLGSCA	2	<i>Polygonum scandens</i>	L.		Polygonaceae	373	CLIMBING FALSE BUCKWHEAT	FAC	vine	PE	DI
PLGSET	6	<i><u>Polygonum setaceum</u></i>	Baldwin	syn	Polygonaceae	374	BRISTLY SMARTWEED	OBL	forb	PE	DI
PLGTEN	4	<i>Polygonum tenue</i>	Michx.		Polygonaceae		SLENDER KNOTWEED	[UPL]	forb	AN	DI
PLGVIR	3	<i>Polygonum virginianum</i>	L.	syn	Polygonaceae		JUMPSEED	FAC	forb	PE	DI

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POLCAN	5	<i>Polymnia canadensis</i>	L.		Asteraceae		LEAFCUP	[UPL]	forb	PE	DI
POLUVE	7	<i>Polymnia uvedalia</i>	(L.) L.	syn	Asteraceae		LARGE-FLOWERED LEAFCUP	[UPL]	forb	PE	DI
POLAPP	8	<i>Polypodium appalachianum</i>	Haufler & Windham		Polypodiaceae		APPALACHIAN POLYPODY	[UPL]	fern	PE	SVP
POLVIG	8	<i>Polypodium virginianum</i>	L.		Polypodiaceae		ROCK POLYPODY	[UPL]	fern	PE	SVP
POLACR	3	<i>Polystichum acrostichoides</i>	(Michx.) Schott		Dryopteridaceae		CHRISTMAS FERN	FACU-	fern	PE	SVP
PONCOR	6	<i>Pontederia cordata</i>	L.		Pontederiaceae		PICKEREL-WEED	OBL	forb	PE	MONO
POPALB	*	<i>POPULUS ALBA</i>	L.		Salicaceae		WHITE POPLAR	[UPL]	tree	W	DI
POPBAL	3	<i>Populus balsamifera</i>	L.		Salicaceae	376	BALSAM POPLAR	FACW	tree	W	DI
POPDEL	3	<i>Populus deltoides</i>	W. Bartram ex Marshall		Salicaceae	377	EASTERN COTTONWOOD	FAC	tree	W	DI
POPGRA	2	<i>Populus grandidentata</i>	Michx.		Salicaceae		BIG-TOOTH ASPEN	FACU-	tree	W	DI
POPHET	9	<i>Populus heterophylla</i>	L.		Salicaceae		SWAMP COTTONWOOD	FACW+	tree	W	DI
POPNEG	*	<i>POPULUS NIGRA</i> L. var. <i>ITALICA</i>	Du Roi		Salicaceae	378	LOMBARDY POPLAR	[UPL]	tree	W	DI
POPTRE	2	<i>Populus tremuloides</i>	Michx.		Salicaceae		QUAKING ASPEN	[FACU]	tree	W	DI
PORSTI	6	<i>Porteranthus stipulatus</i>	(Muhl. ex Willd.) Britton		Rosaceae		AMERICAN IPECAC	[UPL]	forb	PE	DI
PORTRI	6	<i>Porteranthus trifolius</i>	(L.) Britton		Rosaceae		BOWMAN'S-ROOT	[UPL]	forb	PE	DI
POROLE	*	<i>PORTULACA OLERACEA</i>	L.		Portulacaceae		COMMON PURSLANE	FAC	forb	AN	DI
PTMAMP	8	<i>Potamogeton amplifolius</i>	Tuck.		Potamogetonaceae		LYRE-LEAVED PONDWEED	OBL	forb	PE	MONO
PTMCRI	*	<i>POTAMOGETON CRISPUS</i>	L.		Potamogetonaceae		CURLY-LEAVED PONDWEED	OBL	forb	PE	MONO
PTMDIV	5	<i>Potamogeton diversifolius</i>	Raf.		Potamogetonaceae		SNAILSEED PONDWEED	OBL	forb	PE	MONO
PTMEPI	6	<i>Potamogeton epihydrus</i>	Raf.		Potamogetonaceae	379	RIBBON-LEAVED PONDWEED	OBL	forb	PE	MONO
PTMFOL	2	<i>Potamogeton foliosus</i>	Raf.		Potamogetonaceae	380	LEAFY PONDWEED	OBL	forb	PE	MONO

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PTMFRI	10	<i>Potamogeton friesii</i>	Rupr.		Potamogetonaceae	381	FRIES' PONDWEED	OBL	forb	PE	MONO
PTMGRA	10	<i>Potamogeton gramineus</i>	L.		Potamogetonaceae	382	GRASS-LIKE PONDWEED	OBL	forb	PE	MONO
PTMHIL	9	<i>Potamogeton hillii</i>	Morong		Potamogetonaceae		HILL'S PONDWEED	OBL	forb	PE	MONO
PTMILL	8	<i>Potamogeton illinoensis</i>	Morong		Potamogetonaceae		ILLINOIS PONDWEED	OBL	forb	PE	MONO
PTMNAT	8	<i>Potamogeton natans</i>	L.		Potamogetonaceae		FLOATING PONDWEED	OBL	forb	PE	MONO
PTMNOD	3	<i>Potamogeton nodosus</i>	Poir.		Potamogetonaceae		LONG-LEAVED PONDWEED	OBL	forb	PE	MONO
PTMPER	10	<i>Potamogeton perfoliatus</i>	L.		Potamogetonaceae	383	RED-HEADED PONDWEED	OBL	forb	PE	MONO
PTMPRA	10	<i>Potamogeton praelongus</i>	Wulfen		Potamogetonaceae		WHITE-STEMMED PONDWEED	OBL	forb	PE	MONO
PTMPUL	8	<i>Potamogeton pulcher</i>	Tuck.		Potamogetonaceae		SPOTTED PONDWEED	OBL	forb	PE	MONO
PTMPUS	4	<i>Potamogeton pusillus</i>	L.		Potamogetonaceae	384	SMALL PONDWEED	OBL	forb	PE	MONO
PTMRIC	10	<i>Potamogeton richardsonii</i>	(A. Benn.) Rydb.		Potamogetonaceae		RICHARDSON'S PONDWEED	OBL	forb	PE	MONO
PTMROB	10	<i>Potamogeton robbinsii</i>	Oakes		Potamogetonaceae		ROBBINS' PONDWEED	OBL	forb	PE	MONO
PTMSPI	10	<i>Potamogeton spirillus</i>	Tuck.		Potamogetonaceae		SPIRAL PONDWEED	OBL	forb	PE	MONO
PTMSTR	10	<i>Potamogeton strictifolius</i>	A. Benn.		Potamogetonaceae		STRAIGHT-LEAVED PONDWEED	OBL	forb	PE	MONO
PTMTEN	9	<u><i>Potamogeton tennesseensis</i></u>	Fernald		Potamogetonaceae		TENNESSEE PONDWEED	OBL	forb	PE	MONO
PTMVAS	10	<i>Potamogeton vaseyi</i>	J.W. Robbins		Potamogetonaceae		VASEY'S PONDWEED	OBL	forb	PE	MONO
PTMZOS	8	<i>Potamogeton zosteriformis</i>	Fernald		Potamogetonaceae		FLAT-STEMMED PONDWEED	OBL	forb	PE	MONO
POTANS	5	<i>Potentilla anserina</i>	L.	syn	Rosaceae		SILVERWEED	OBL	forb	PE	DI
POTARG	*	<i>POTENTILLA ARGENTEA</i>	L.		Rosaceae		SILVERY CINQUEFOIL	UPL	forb	PE	DI
POTARU	5	<i>Potentilla arguta</i>	Pursh		Rosaceae		TALL CINQUEFOIL	UPL	forb	PE	DI
POTCAN	3	<i>Potentilla canadensis</i>	L.		Rosaceae		RUNNING CINQUEFOIL	[UPL]	forb	PE	DI

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POTFRU	10	<i>Potentilla fruticosa</i>	L.		Rosaceae		SHRUBBY CINQUEFOIL	FACW	shrub	W	DI
POTINT	*	<i>POTENTILLA INTERMEDIA</i>	L.	syn	Rosaceae	385	INTERMEDIATE CINQUEFOIL	[UPL]	forb	PE	DI
POTNOR	1	<i>Potentilla norvegica</i>	L.		Rosaceae		STRAWBERRY-WEED	FACU	forb	AN	DI
POTPAL	8	<i>Potentilla palustris</i>	(L.) Scop.		Rosaceae		MARSH CINQUEFOIL	OBL	forb	PE	DI
POTPAR	9	<i>Potentilla paradoxa</i>	Nutt.		Rosaceae		BUSHY CINQUEFOIL	OBL	forb	AN	DI
POTREC	*	<i>POTENTILLA RECTA</i>	L.		Rosaceae		ROUGH-FRUITED CINQUEFOIL	[UPL]	forb	PE	DI
POTREP	*	<i>POTENTILLA REPTANS</i>	L.		Rosaceae		CREEPING CINQUEFOIL	[UPL]	forb	PE	DI
POTSIM	1	<i>Potentilla simplex</i>	Michx.		Rosaceae		OLD FIELD CINQUEFOIL	FACU-	forb	PE	DI
PREALB	5	<i>Prenanthes alba</i>	L.		Asteraceae		WHITE RATTLESNAKE-ROOT	FACU	forb	PE	DI
PREALT	4	<i>Prenanthes altissima</i>	L.		Asteraceae		TALL RATTLESNAKE-ROOT	FACU-	forb	PE	DI
PREASP	9	<i>Prenanthes aspera</i>	Michx.		Asteraceae		ROUGH RATTLESNAKE-ROOT	[UPL]	forb	PE	DI
PRECRE	8	<i>Prenanthes crepidinea</i>	Michx.		Asteraceae		NODDING RATTLESNAKE-ROOT	FACU	forb	PE	DI
PRERAC	8	<i>Prenanthes racemosa</i>	Michx.		Asteraceae		PRAIRIE RATTLESNAKE-ROOT	FACW-	forb	PE	DI
PRESER	5	<i>Prenanthes serpentaria</i>	Pursh		Asteraceae		LION'S FOOT	[UPL]	forb	PE	DI
PRETRI	10	<i>Prenanthes trifoliolata</i>	(Cass.) Fernald		Asteraceae		GALL-OF-THE-EARTH	[UPL]	forb	PE	DI
PROLOU	*	<i>PROBOSCIDEA LOUISIANICA</i>	(Mill.) Thell.		Pedaliaceae		UNICORN-PLANT	FACU	forb	AN	DI
PROLAN	7	<i>Prosartes lanuginosa</i>	(Michx.) D. Don	syn	Liliaceae		YELLOW MANDARIN	[UPL]	forb	PE	DI
PROMAC	9	<i>Prosartes maculata</i>	(Buckley) A. Gray	syn	Liliaceae		NODDING MANDARIN	[UPL]	forb	PE	DI
PROPAL	7	<i>Proserpinaca palustris</i>	L.		Haloragaceae		MERMAID-WEED	OBL	forb	PE	DI
PRUVUL	0	<i>Prunella vulgaris</i>	L.		Lamiaceae	386	SELF-HEAL	FACU+	forb	PE	DI
PRUAME	3	<i>Prunus americana</i>	Marshall		Rosaceae		AMERICAN PLUM	FACU-	sm	W	DI

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PRUAVE	*	<i>PRUNUS AVIUM</i>	L.		Rosaceae		SWEET CHERRY	[UPL]	sm	W	DI
PRUCER	*	<i>PRUNUS CERASUS</i>	L.		Rosaceae		SOUR CHERRY	[UPL]	sm	W	DI
PRUHOR	3	<i>Prunus hortulana</i>	L.H. Bailey		Rosaceae		HORTULAN PLUM	[UPL]	sm	W	DI
PRUMAH	*	<i>PRUNUS MAHALEB</i>	L.		Rosaceae		MAHALEB CHERRY	[UPL]	sm	W	DI
PRUMEX	8	<i>Prunus mexicana</i>	S. Watson	syn	Rosaceae		BIGTREE PLUM	[UPL]	sm	W	DI
PRUMUN	3	<i>Prunus munsoniana</i>	W. Wight & Hedrick		Rosaceae		MUNSON'S PLUM	[UPL]	sm	W	DI
PRUNIG	4	<i>Prunus nigra</i>	Aiton		Rosaceae		CANADA PLUM	UPL	sm	W	DI
PRUPEN	4	<i>Prunus pensylvanica</i>	L.f.		Rosaceae		FIRE CHERRY	FACU-	sm	W	DI
PRUPER	*	<i>PRUNUS PERSICA</i>	(L.) Batsch		Rosaceae		PEACH	[UPL]	sm	W	DI
PRUPUM	10	<i>Prunus pumila</i>	L.		Rosaceae	387	SAND CHERRY	[UPL]	sm	W	DI
PRUSER	3	<i>Prunus serotina</i>	Ehrh.		Rosaceae		BLACK CHERRY	FACU	tree	W	DI
PRUVIR	2	<i>Prunus virginiana</i>	L.		Rosaceae		CHOKE CHERRY	FACU	sm	W	DI
PTETRI	5	<i>Ptelea trifoliata</i>	L.		Rutaceae		HOP-TREE	FAC	sm	W	DI
PTEAQU	1	<i>Pteridium aquilinum</i>	(L.) Kuhn		Dennstaedtiaceae	388	BRACKEN FERN	FACU	fern	PE	SVP
PUCDIS	*	<i>PUCCINELLIA DISTANS</i>	(L.) Parl.		Poaceae		EUROPEAN ALKALI GRASS	OBL	grass	PE	MONO
PUCPAL	7	<i>Puccinellia pallida</i>	(Torr.) R.T. Clausen	syn	Poaceae		PALE MANNA GRASS	OBL	grass	PE	MONO
PUELOB	*	<i>PUERARIA LOBATA</i>	(Willd.) Ohwi	syn	Fabaceae		KUDZU	[UPL]	vine	W	DI
PYCINC	6	<i>Pycnanthemum incanum</i>	(L.) Michx.		Lamiaceae		HOARY MOUNTAIN-MINT	[UPL]	forb	PE	DI
PYCMUT	6	<i>Pycnanthemum muticum</i>	(Michx.) Pers.		Lamiaceae		BLUNT MOUNTAIN-MINT	FACW	forb	PE	DI
PYCPYC	6	<i>Pycnanthemum pycnanthemoides</i>	(Leavenw.) Fernald		Lamiaceae	389	SOUTHERN MOUNTAIN-MINT	[UPL]	forb	PE	DI
PYCTEN	4	<i>Pycnanthemum tenuifolium</i>	Schrad.		Lamiaceae		NARROW-LEAVED MOUNTAIN-M.	FACW	forb	PE	DI

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PYCVER	5	<i>Pycnanthemum verticillatum</i> var. <i>pilosum</i>	(Nutt.) Cooperrider	syn	Lamiaceae		HAIRY MOUNTAIN-MINT	[FAC]	forb	PE	DI
PYCVER	4	<i>Pycnanthemum verticillatum</i> var. <i>verticillatum</i>	(Michx.) Pers.		Lamiaceae		WHORLED MOUNTAIN-MINT	[FAC]	forb	PE	DI
PYCVIR	4	<i>Pycnanthemum virginianum</i>	(L.) Durand & B.D. Jackson		Lamiaceae		VIRGINIA MOUNTAIN-MINT	FAC	forb	PE	DI
PYRCHL	8	<i>Pyrola chlorantha</i>	Sw.		Pyrolaceae		GREEN-FLOWERED WINTERGR.	[FACU]	forb	PE	DI
PYRELL	7	<i>Pyrola elliptica</i>	Nutt.		Pyrolaceae		SHINLEAF	[UPL]	forb	PE	DI
PYRROT	7	<i>Pyrola rotundifolia</i> var. <i>americana</i>	(Sweet) Fernald	syn	Pyrolaceae		ROUND-LEAVED WINTERGREEN	FAC	forb	PE	DI
PYRSEC	8	<i>Pyrola secunda</i>	L.	syn	Pyrolaceae	390	ONE-SIDED WINTERGREEN	FAC	forb	PE	DI
PYRANG	5	<i>Pyrus angustifolia</i>	Aiton	syn	Rosaceae		NARROW-LEAVED CRABAPPLE	[UPL]	sm	W	DI
PYRCOM	*	<i>PYRUS COMMUNIS</i>	L.		Rosaceae		PEAR	[UPL]	sm	W	DI
PYRCOR	3	<i>Pyrus coronaria</i>	L.	syn	Rosaceae	391	WILD CRABAPPLE	[UPL]	sm	W	DI
PYRIOE	*	<i>PYRUS IOENSIS</i>	(A.W. Wood) L.H Bailey	syn	Rosaceae		PRAIRIE CRABAPPLE	[UPL]	sm	W	DI
PYRMAL	*	<i>PYRUS MALUS</i>	L.	syn	Rosaceae		APPLE	[UPL]	sm	W	DI
QUEALB	6	<i>Quercus alba</i>	L.		Fagaceae		WHITE OAK	FACU-	tree	W	DI
QUEBIC	7	<i>Quercus bicolor</i>	Willd.		Fagaceae		SWAMP WHITE OAK	FACW+	tree	W	DI
QUECOC	6	<i>Quercus coccinea</i>	Muenchh.		Fagaceae	392	SCARLET OAK	[UPL]	tree	W	DI
QUEFAL	7	<i>Quercus falcata</i>	Michx.		Fagaceae		SPANISH OAK	FACU-	tree	W	DI
QUEIMB	5	<i>Quercus imbricaria</i>	Michx.		Fagaceae		SHINGLE OAK	FAC	tree	W	DI
QUEMAC	6	<i>Quercus macrocarpa</i>	Michx.		Fagaceae		BUR OAK	FAC-	tree	W	DI
QUEMAR	8	<i>Quercus marilandica</i>	Munchh.		Fagaceae		BLACKJACK OAK	[UPL]	tree	W	DI
QUEMUE	7	<i>Quercus muehlenbergii</i>	Engelm.		Fagaceae		CHINQUAPIN OAK	UPL	tree	W	DI
QUEPAL	5	<i>Quercus palustris</i>	Muenchh.		Fagaceae		PIN OAK	FACW	tree	W	DI

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QUEPRI	7	<i>Quercus prinus</i>	L.		Fagaceae	393	ROCK CHESTNUT OAK	[UPL]	tree	W	DI
QUERUB	6	<i>Quercus rubra</i>	L.	syn	Fagaceae	394	RED OAK	FACU-	tree	W	DI
QESHU	7	<i>Quercus shumardii</i>	Buckley		Fagaceae		SHUMARD OAK	FAC+	tree	W	DI
QUESTE	7	<i>Quercus stellata</i>	Wangenh.		Fagaceae		POST OAK	[UPL]	tree	W	DI
QUEVEL	7	<i>Quercus velutina</i>	Lam.		Fagaceae		BLACK OAK	[UPL]	tree	W	DI
RANABO	1	<i>Ranunculus abortivus</i>	L.		Ranunculaceae		KIDNEY-LEAVED BUTTERCUP	FACW-	forb	PE	DI
RANACR	*	RANUNCULUS ACRIS	L.		Ranunculaceae		TALL BUTTERCUP	FAC+	forb	PE	DI
RANALL	5	<i>Ranunculus allegheniensis</i>	Britton		Ranunculaceae		ALLEGHENY CROWFOOT	FAC	forb	PE	DI
RANAMB	8	<i>Ranunculus ambigens</i>	S. Watson		Ranunculaceae		WATER-PLANTAIN SPEARWORT	OBL	forb	PE	DI
RANBUL	*	RANUNCULUS BULBOSUS	L.		Ranunculaceae		BULBOUS BUTTERCUP	UPL	forb	PE	DI
RANFAS	6	<i>Ranunculus fascicularis</i>	Muhl. ex Bigelow		Ranunculaceae		EARLY BUTTERCUP	FACU	forb	PE	DI
RANFIC	*	RANUNCULUS FICARIA	L.		Ranunculaceae		LESSER CELANDINE	FAC	forb	PE	DI
RANFLA	8	<i>Ranunculus flabellaris</i>	Raf.		Ranunculaceae		YELLOW WATER-BUTTERCUP	OBL	forb	PE	DI
RANHIS	4	<i>Ranunculus hispidus</i>	Michx.	syn	Ranunculaceae	395	NORTHERN SWAMP BUTTERCUP	FAC	forb	PE	DI
RANLON	5	<i>Ranunculus longirostris</i>	Godr.	syn	Ranunculaceae		WHITE WATER-CROWFOOT	OBL	forb	PE	DI
RANMIC	5	<i>Ranunculus micranthus</i>	Nutt.		Ranunculaceae		SMALL-FLOWERED CROWFOOT	FACU	forb	PE	DI
RANPEN	4	<i>Ranunculus pensylvanicus</i>	L.f.		Ranunculaceae		BRISTLY CROWFOOT	OBL	forb	PE	DI
RANPUS	8	<i>Ranunculus pusillus</i>	Poir.		Ranunculaceae		LOW SPEARWORT	OBL	forb	AN	DI
RANREC	3	<i>Ranunculus recurvatus</i>	Poir.		Ranunculaceae		HOOKED CROWFOOT	FAC+	forb	PE	DI
RANREP	*	RANUNCULUS REPENS	L.		Ranunculaceae	396	CREEPING BUTTERCUP	FAC	forb	PE	DI
RANSCE	1	<i>Ranunculus sceleratus</i>	L.		Ranunculaceae		CURSED CROWFOOT	OBL	forb	PE	DI

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RANTES	*	<i>RANUNCULUS TESTICULATUS</i>	Crantz	syn	Ranunculaceae		BUR BUTTERCUP	[UPL]	forb	AN	DI
RATPIN	5	<i>Ratibida pinnata</i>	(Vent.) Barnhart		Asteraceae		GRAY-HEADED CONEFLOWER	[UPL]	forb	PE	DI
RHAALN	8	<i>Rhamnus alnifolia</i>	L'Her		Rhamnaceae		ALDER-LEAVED BUCKTHORN	OBL	shrub	W	DI
RHACAR	4	<i>Rhamnus caroliniana</i>	Walter	syn	Rhamnaceae	397	CAROLINA BUCKTHORN	FAC	shrub	W	DI
RHACAT	*	<i>RHAMNUS CATHARTICA</i>	L.		Rhamnaceae		EUROPEAN BUCKTHORN	FACU+	sm	W	DI
RHAFRA	*	<i>RHAMNUS FRANGULA</i>	L.	syn	Rhamnaceae		GLOSSY BUCKTHORN	FAC	shrub	W	DI
RHALAN	4	<i>Rhamnus lanceolata</i>	Pursh		Rhamnaceae	398	LANCE-LEAVED BUCKTHORN	[FACU-]	shrub	W	DI
RHEVIR	7	<i>Rhexia virginica</i>	L.		Melastomataceae		VIRGINIA MEADOW-BEAUTY	OBL	forb	PE	DI
RHOCAL	8	<i>Rhododendron calendulaceum</i>	(Michx.) Torr.		Ericaceae		FLAME AZALEA	[UPL]	shrub	W	DI
RHOMAX	8	<i>Rhododendron maximum</i>	L.		Ericaceae		GREAT RHODODENDRON	FAC	shrub	W	DI
RHOPER	7	<i>Rhododendron periclymenoides</i>	(Michx.) Shinners	syn	Ericaceae		PINKSTER-FLOWER	FAC	shrub	W	DI
RHOPRI	7	<i>Rhododendron prinophyllum</i>	(Small) Millais	syn	Ericaceae		ROSEHELL AZALEA	FAC	shrub	W	DI
RHUAAR	10	<i>Rhus aromatica</i> Aiton var. <i>arenaria</i>	(Greene) Fernald		Anacardiaceae		BEACH SUMAC	[UPL]	shrub	W	DI
RHUAAR	3	<i>Rhus aromatica</i> var. <i>aromatica</i>	Aiton		Anacardiaceae		FRAGRANT SUMAC	[UPL]	shrub	W	DI
RHUCOP	4	<i>Rhus copallinum</i>	L.		Anacardiaceae	399	WINGED SUMAC	FACU-	shrub	W	DI
RHUGLA	2	<i>Rhus glabra</i>	L.		Anacardiaceae		SMOOTH SUMAC	[UPL]	shrub	W	DI
RHUTYP	2	<i>Rhus typhina</i>	L.		Anacardiaceae		STAGHORN SUMAC	[UPL]	shrub	W	DI
RHYALB	10	<i>Rhynchospora alba</i>	(L.) Vahl		Cyperaceae		WHITE BEAK-RUSH	OBL	sedge	PE	MONO
RHYCPC	9	<i>Rhynchospora capillacea</i>	Torr.		Cyperaceae		NEEDLE BEAK-RUSH	OBL	sedge	PE	MONO
RHYCPT	7	<i>Rhynchospora capitellata</i>	(Michx.) Vahl		Cyperaceae		BROWNISH BEAK-RUSH	OBL	sedge	PE	MONO
RHYREC	10	<i>Rhynchospora recognita</i>	(Gale) Kral	syn	Cyperaceae	400	GRASS-LIKE BEAK-RUSH	[FACW]	sedge	PE	MONO

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RIBAME	4	<i>Ribes americanum</i>	Mill.		Grossulariaceae		WILD BLACK CURRANT	FACW	shrub	W	DI
RIBCYN	3	<i>Ribes cynosbati</i>	L.		Grossulariaceae	401	DOGBERRY	[UPL]	shrub	W	DI
RIBGLA	10	<i>Ribes glandulosum</i>	Grauer		Grossulariaceae		SKUNK CURRANT	FACW	shrub	W	DI
RIBHIR	7	<i>Ribes hirtellum</i>	Michx.		Grossulariaceae	402	SWAMP GOOSEBERRY	FAC	shrub	W	DI
RIBMIS	8	<i>Ribes missouriense</i>	Nutt.		Grossulariaceae		MISSOURI GOOSEBERRY	[UPL]	shrub	W	DI
RIBODO	*	<i>RIBES ODORATUM</i>	H. Wendl.		Grossulariaceae		BUFFALO CURRANT	FACU	shrub	W	DI
RIBSAT	*	<i>RIBES SATIVUM</i>	Syme	syn	Grossulariaceae		GARDEN RED CURRANT	[UPL]	shrub	W	DI
RIBTRI	8	<i>Ribes triste</i>	Pall.		Grossulariaceae		SWAMP RED CURRANT	OBL	shrub	W	DI
RICCOM	*	<i>RICINUS COMMUNIS</i>	L.		Euphorbiaceae		CASTOR-BEAN	[UPL]	forb	AN	DI
ROBHS	*	<i>ROBINIA HISPIDA</i>	L.		Fabaceae		BRISTLY LOCUST	[UPL]	shrub	W	DI
ROBPSE	0	<i>Robinia pseudoacacia</i>	L.		Fabaceae		BLACK LOCUST	FACU-	tree	W	DI
ROBVIS	*	<i>ROBINIA VISCOSA</i>	Vent.		Fabaceae		CLAMMY LOCUST	[UPL]	tree	W	DI
RORNAS	*	<i>RORIPPA NASTURTIUM-AQUATICUM</i>	(L.) Hayek	syn	Brassicaceae		WATERCRESS	OBL	forb	PE	DI
RORPAL	2	<i>Rorippa palustris</i>	(L.) Besser	syn	Brassicaceae	403	YELLOW CRESS	OBL	forb	AN	DI
RORSES	6	<i>Rorippa sessiliflora</i>	(Nutt.) Hitchc.		Brassicaceae		SOUTHERN YELLOW CRESS	OBL	forb	AN	DI
RORSYL	*	<i>RORIPPA SYLVESTRIS</i>	(L.) Besser	syn	Brassicaceae		CREeping YELLOW CRESS	FACW	forb	PE	DI
ROSARK	4	<i>Rosa arkansana</i>	Porter	syn	Rosaceae		PRAIRIE ROSE	[UPL]	shrub	W	DI
ROSBLA	4	<i>Rosa blanda</i>	Aiton		Rosaceae		SMOOTH ROSE	FACU	shrub	W	DI
ROSCAN	*	<i>ROSA CANINA</i>	L.		Rosaceae		DOG ROSE	[UPL]	shrub	W	DI
ROSCAR	4	<i>Rosa carolina</i>	L.		Rosaceae		PASTURE ROSE	[UPL]	shrub	W	DI
ROSEGL	*	<i>ROSA EGLANTERIA</i>	L.		Rosaceae	404	SWEETBRIER	[UPL]	shrub	W	DI

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ROSMIC	*	<i>ROSA MICRANTHA</i>	J. E. Smith		Rosaceae	405	SMALL-FLOWERED ROSE	FACU	shrub	W	DI
ROSMUL	*	<i>ROSA MULTIFLORA</i>	Thunb. ex Murray		Rosaceae		MULTIFLORA ROSE	FACU	shrub	W	DI
ROSPAL	5	<i>Rosa palustris</i>	Marshall		Rosaceae		SWAMP ROSE	OBL	shrub	W	DI
ROSRUG	*	<i>ROSA RUGOSA</i>	Thunb.		Rosaceae		RUGOSA ROSE	FACU-	shrub	W	DI
ROSSET	4	<i>Rosa setigera</i>	Michx.		Rosaceae	406	CLIMBING PRAIRIE ROSE	FACU	shrub	W	DI
ROSWIC	*	<i>ROSA WICHURAIANA</i>	Crep.		Rosaceae		MEMORIAL ROSE	[UPL]	shrub	W	DI
ROTRAM	6	<i>Rotala ramosior</i>	(L.) Koehne		Lythraceae		TOOTH-CUP	OBL	forb	AN	DI
RUBALL	1	<i>Rubus allegheniensis</i>	Porter		Rosaceae	407	COMMON BLACKBERRY	FACU-	shrub	W	DI
RUBFLA	1	<i>Rubus flagellaris</i>	Willd.		Rosaceae	408	NORTHERN DEWBERRY	FACU	shrub	W	DI
RUBHIS	5	<i>Rubus hispidus</i>	L.		Rosaceae	409	SWAMP DEWBERRY	FACW	forb	PE	DI
RUBIDAS	6	<i>Rubus idaeus</i> L. var. <i>strigosus</i>	(Michx.) Maxim.	syn	Rosaceae		WILD RED RASPBERRY	[FAC-]	shrub	W	DI
RUBIDAI	*	<i>RUBUS IDEAUS</i> var. <i>IDEAUS</i>	L.		Rosaceae		RED RASPBERRY	FAC-	shrub	W	DI
RUBLAC	*	<i>RUBUS LACINIATUS</i>	Willd.		Rosaceae		CUT-LEAVED BLACKBERRY	[UPL]	shrub	W	DI
RUBOCC	1	<i>Rubus occidentalis</i>	L.		Rosaceae		BLACK RASPBERRY	[UPL]	shrub	W	DI
RUBODO	5	<i>Rubus odoratus</i>	L.		Rosaceae		FLOWERING RASPBERRY	[UPL]	shrub	W	DI
RUBPEN	1	<i>Rubus pensylvanicus</i>	Poir.		Rosaceae	410	PENNSYLVANIA BLACKBERRY	[FACU]	shrub	W	DI
RUBPHO	*	<i>RUBUS PHOENICOLASIUS</i>	Maxim.		Rosaceae		WINEBERRY	[UPL]	shrub	W	DI
RUBPUB	7	<i>Rubus pubescens</i>	Raf.		Rosaceae		DWARF RASPBERRY	FACW	forb	PE	DI
RUDFUL	6	<i>Rudbeckia fulgida</i>	Aiton		Asteraceae	411	ORANGE CONEFLOWER	FAC	forb	PE	DI
RUDHIR	1	<i>Rudbeckia hirta</i>	L.		Asteraceae	412	BLACK-EYED SUSAN	FACU-	forb	PE	DI
RUDLAC	6	<i>Rudbeckia laciniata</i>	L.		Asteraceae	413	GREEN-HEADED CONEFLOWER	FACW	forb	PE	DI

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RUDTRI	5	<i>Rudbeckia triloba</i>	L.		Asteraceae		THREE-LOBED CONEFLOWER	FACU	forb	BI	DI
RUECAR	4	<i>Ruellia caroliniensis</i>	(J.F. Gmel.) Steud.		Acanthaceae		CAROLINA RUELLIA	[UPL]	forb	PE	DI
RUEHUM	6	<i>Ruellia humilis</i>	Nutt.		Acanthaceae	414	WILD PETUNIA	UPL	forb	PE	DI
RUESTR	5	<i>Ruellia strepens</i>	L.		Acanthaceae		SMOOTH RUELLIA	FAC	forb	PE	DI
RUMACE	*	<i>RUMEX ACETOSELLA</i>	L.		Polygonaceae		SHEEP SORREL	UPL	forb	PE	DI
RUMALT	2	<i>Rumex altissimus</i>	A.W. Wood		Polygonaceae		PALE DOCK	FACW-	forb	PE	DI
RUMCRI	*	<i>RUMEX CRISPUS</i>	L.		Polygonaceae		CURLY DOCK	FACU	forb	PE	DI
RUMMAR	*	<i>RUMEX MARITIMUS</i>	L.		Polygonaceae	415	GOLDEN DOCK	FACW	forb	AN	DI
RUMOBT	*	<i>RUMEX OBTUSIFOLIUS</i>	L.		Polygonaceae		BITTER DOCK	FACU-	forb	PE	DI
RUMORB	5	<i>Rumex orbiculatus</i>	A. Gray		Polygonaceae		GREAT WATER DOCK	OBL	forb	PE	DI
RUMPAT	*	<i>RUMEX PATIENTIA</i>	L.		Polygonaceae		PATIENCE DOCK	[UPL]	forb	PE	DI
RUMVER	6	<i>Rumex verticillatus</i>	L.		Polygonaceae		SWAMP DOCK	OBL	forb	PE	DI
RUPCIR	3	<i>Ruppia cirrhosa</i>	(Petagna) Grande	syn	Ruppiaceae	416	DITCH-GRASS	[OBL]	forb	PE	MONO
SABANG	4	<i>Sabatia angularis</i>	(L.) Pursh		Gentianaceae		ROSE-PINK	FAC+	forb	BI	DI
ERIALO	6	<i>Saccharum alopecuroidum</i>	(L.) Nutt.	syn	Poaceae	539	SILVER PLUME GRASS	FAC	grass	PE	DI
SAGDEC	0	<i>Sagina decumbens</i>	(Ell.) Torr. & A. Gray		Caryophyllaceae		WESTERN PEARLWORT	FAC	forb	AN	DI
SAGPRO	*	<i>SAGINA PROCUMBENS</i>	L.		Caryophyllaceae		PEARLWORT	FACW-	forb	PE	DI
SAG AUS	3	<i>Sagittaria australis</i>	(J.G. Sm.) Small		Alismataceae		LONG-BEAKED ARROWHEAD	OBL	forb	PE	MONO
SAGBRE	6	<i>Sagittaria brevirostra</i>	Mack. & Bush		Alismataceae		MIDWESTERN ARROWHEAD	OBL	forb	PE	MONO
SAGCUN	8	<i>Sagittaria cuneata</i>	E. Sheld.		Alismataceae		WAPATO	OBL	forb	PE	MONO
SAGGRA	9	<i>Sagittaria graminea</i>	Michx.		Alismataceae	417	GRASS-LEAVED ARROWHEAD	OBL	forb	PE	MONO

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SAGLAT	1	<i>Sagittaria latifolia</i>	Willd.		Alismataceae	418	COMMON ARROWHEAD	OBL	forb	PE	MONO
SAGCAL	8	<i>Sagittaria montevidensis</i>	Cham. & Schlect.	syn	Alismataceae	540	SOUTHERN WAPATO	OBL	forb	AN	MONO
SAGPLA	6	<u><i>Sagittaria platyphylla</i></u>	(Engelm.) J.G. Sm.	syn	Alismataceae		ELLIPTIC-LEAVED ARROWHEAD	OBL	forb	PE	MONO
SAGRIG	8	<i>Sagittaria rigida</i>	Pursh		Alismataceae		DEER'S-TONGUE ARROWHEAD	OBL	forb	PE	MONO
SALEUR	*	<i>SALICORNIA EUROPAEA</i>	L.		Chenopodiaceae		GLASSWORT	OBL	forb	AN	DI
SLXALB	*	<i>SALIX ALBA</i>	L.		Salicaceae	419	WHITE WILLOW	FACW	tree	W	DI
SLXAMY	3	<i>Salix amygdaloides</i>	Andersson		Salicaceae		PEACH-LEAVED WILLOW	FACW	tree	W	DI
SLXBAB	*	<i>SALIX BABYLONICA</i>	L.		Salicaceae		WEeping WILLOW	FACW-	tree	W	DI
SLXBEB	5	<i>Salix bebbiana</i>	Sarg.		Salicaceae		BEBB'S WILLOW	FACW	shrub	W	DI
SLXCAN	10	<i>Salix candida</i>	Flugge ex Willd.		Salicaceae		HOARY WILLOW	OBL	shrub	W	DI
SLXCAP	*	<i>SALIX CAPREA</i>	L.		Salicaceae		GOAT WILLOW	[UPL]	shrub	W	DI
SLXCAR	10	<i>Salix caroliniana</i>	Michx.		Salicaceae		CAROLINA WILLOW	OBL	shrub	W	DI
SLXDIS	3	<i>Salix discolor</i>	Muhl.		Salicaceae	420	PUSSY WILLOW	FACW	shrub	W	DI
SLXERI	2	<i>Salix eriocephala</i>	Michx.	syn	Salicaceae	421	HEART-LEAVED WILLOW	FACW	shrub	W	DI
SLXEXI	1	<i>Salix exigua</i>	Nutt.	syn	Salicaceae	422	SANDBAR WILLOW	OBL	shrub	W	DI
SLXFRA	*	<i>SALIX FRAGILIS</i>	L.		Salicaceae		CRACK WILLOW	FAC+	tree	W	DI
SLXHUM	4	<i>Salix humilis</i>	Marshall	syn	Salicaceae	423	PRAIRIE WILLOW	FACU	shrub	W	DI
SLXLUC	4	<i>Salix lucida</i>	Muhl.		Salicaceae		SHINING WILLOW	FACW	shrub	W	DI
SLXMYR	10	<i>Salix myricoides</i>	(Muhl.) J. Carey		Salicaceae	424	BLUE-LEAVED WILLOW	FAC	shrub	W	DI
SLXNIG	2	<i>Salix nigra</i>	Marshall		Salicaceae		BLACK WILLOW	FACW+	tree	W	DI
SLXOCC	5	<i>Salix occidentalis</i>	Walter	syn	Salicaceae		WESTERN WILLOW	[UPL]	shrub	W	DI

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SLXPED	9	<i>Salix pedicellaris</i>	Pursh		Salicaceae	425	BOG WILLOW	OBL	shrub	W	DI
SLXPEN	*	<i>SALIX PENTANDRA</i>	L.		Salicaceae		BAY-LEAVED WILLOW	[UPL]	tree	W	DI
SLXPET	8	<i>Salix petiolaris</i>	Sm.		Salicaceae	426	SLENDER WILLOW	OBL	shrub	W	DI
SLXPUR	*	<i>SALIX PURPUREA</i>	L.		Salicaceae		BASKET WILLOW	[FACW]	shrub	W	DI
SLXSRC	4	<i>Salix sericea</i>	Marshall		Salicaceae		SILKY WILLOW	OBL	shrub	W	DI
SLXSRS	10	<i>Salix serissima</i>	(L.H. Bailey) Fernald		Salicaceae		AUTUMN WILLOW	OBL	shrub	W	DI
SALKAL	*	<i>SALSOLA KALI</i>	L.	syn	Chenopodiaceae	427	RUSSIAN THISTLE	FACU	forb	AN	DI
SALLYR	3	<i>Salvia lyrata</i>	L.		Lamiaceae		LYRE-LEAVED SAGE	[UPL]	forb	PE	DI
SALREF	*	<i>SALVIA REFLEXA</i>	Hornem.		Lamiaceae		ROCKY MOUNTAIN SAGE	[UPL]	forb	AN	DI
SAMCAN	3	<i>Sambucus canadensis</i>	L.		Caprifoliaceae		COMMON ELDERBERRY	FACW-	shrub	W	DI
SAMPUB	7	<i><u>Sambucus pubens</u></i>	(Michx.) House	syn	Caprifoliaceae		RED-BERRIED ELDER	FACU	shrub	W	DI
SAMPAR	4	<i>Samolus floribundus</i>	Kunth	syn	Primulaceae		WATER-PIMPERNEL	OBL	forb	PE	DI
SANCAN	5	<i>Sanguinaria canadensis</i>	L.		Papaveraceae	428	BLOODROOT	UPL	forb	PE	DI
SANGCA	8	<i>Sanguisorba canadensis</i>	L.		Rosaceae		CANADA BURNET	FACW+	forb	PE	DI
SANICAN	3	<i>Sanicula canadensis</i>	L.		Apiaceae	429	SHORT-STYLED SNAKEROOT	UPL	forb	PE	DI
SANIGR	3	<i>Sanicula gregaria</i>	E.P. Bicknell		Apiaceae		CLUSTERED SNAKEROOT	FACU	forb	PE	DI
SANIMA	3	<i>Sanicula marilandica</i>	L.		Apiaceae		BLACK SNAKEROOT	UPL	forb	PE	DI
SANITR	3	<i>Sanicula trifoliata</i>	E.P. Bicknell		Apiaceae		LARGE-FRUITED SNAKEROOT	[UPL]	forb	PE	DI
SAPOFF	*	<i>SAPONARIA OFFICINALIS</i>	L.		Caryophyllaceae		SOAPWORT	FACU-	forb	PE	DI
SARPUR	9	<i>Sarracenia purpurea</i>	L.		Sarraceniaceae		PITCHER-PLANT	OBL	forb	PE	DI
SASALB	3	<i>Sassafras albidum</i>	(Nutt.) Nees		Lauraceae	430	SASSAFRAS	FACU-	tree	W	DI

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SAUCER	8	<i>Saururus cernuus</i>	L.		Saururaceae		LIZARD'S-TAIL	OBL	forb	PE	MONO
SAXPEN	7	<i>Saxifraga pensylvanica</i>	L.		Saxifragaceae		SWAMP SAXIFRAGE	OBL	forb	PE	DI
SAXVIR	5	<i>Saxifraga virginensis</i>	Michx.		Saxifragaceae		EARLY SAXIFRAGE	FAC-	forb	PE	DI
SCHPAL	10	<i>Scheuchzeria palustris</i>	L.		Scheuchzeriaceae	431	POD-GRASS	OBL	forb	PE	MONO
SCHPUR	10	<i>Schizachne purpurascens</i>	(Torr.) Swallen		Poaceae		FALSE MELIC	FACU-	grass	PE	MONO
SCHSCO	10	<i>Schizachyrium littorale</i>	(Nash) E.P. Bicknell	syn	Poaceae	432	COASTAL LITTLE BLUESTEM	[UPL]	grass	PE	MONO
SCHSCO	5	<i>Schizachyrium scoparium</i>	(Michx.) Nash	syn	Poaceae		LITTLE BLUESTEM	FACU-	grass	PE	MONO
SCHACU	7	<u><i>Schoenoplectus acutus</i></u>	(Muhl. ex Bigelow) Love&Love	syn	Cyperaceae	433	HARD-STEMMED BULRUSH	OBL	sedge	PE	MONO
SCHAME	9	<u><i>Schoenoplectus americanus</i></u>	(Pers.) Volk. ex Schinz&Keller	syn	Cyperaceae	434	OLNEY'S BULRUSH	OBL	sedge	PE	MONO
SCHPUN	5	<u><i>Schoenoplectus pungens</i></u>	(Vahl) Palla	syn	Cyperaceae	435	THREE-SQUARE	FACW+	sedge	PE	MONO
SCHPUR	6	<u><i>Schoenoplectus purshianus</i></u>	(Fernald) M.T. Strong	syn	Cyperaceae	436	PURSH'S BULRUSH	OBL	sedge	AN	MONO
SCHSMI	9	<u><i>Schoenoplectus smithii</i></u>	(A. Gray) Sojak	syn	Cyperaceae	437	SMITH'S BULRUSH	OBL	sedge	AN	MONO
SCHSUB	10	<u><i>Schoenoplectus subterminalis</i></u>	(Torr.) Sojak	syn	Cyperaceae		SWAYING-RUSH	OBL	sedge	PE	MONO
SCHTAB	2	<u><i>Schoenoplectus tabernaemontani</i></u>	(C.C. Gmel.) Palla	syn	Cyperaceae	438	SOFT-STEMMED BULRUSH	OBL	sedge	PE	MONO
SCHTOR	10	<u><i>Schoenoplectus torreyi</i></u>	(Olney) Palla	syn	Cyperaceae		TORREY'S BULRUSH	OBL	sedge	PE	MONO
SCINON	*	<i>SCILLA NON-SCRIPTA</i>	(L.) Hoffmanns. & Link	syn	Liliaceae		ENGLISH BLUEBELL	[UPL]	forb	PE	MONO
SCIATR	1	<i>Scirpus atrovirens</i>	Willd.		Cyperaceae		GREEN BULRUSH	OBL	sedge	PE	MONO
SCICYP	1	<i>Scirpus cyperinus</i>	(L.) Kunth.		Cyperaceae	439	WOOL-GRASS	FACW+	sedge	PE	MONO
SCIEXP	9	<i>Scirpus expansus</i>	Fernald		Cyperaceae		WOODLAND BULRUSH	OBL	sedge	PE	MONO
SCIGEO	2	<u><i>Scirpus georgianus</i></u>	R.M. Harper	syn	Cyperaceae	440	GEORGIA BULRUSH	OBL	sedge	PE	MONO
SCIHAT	1	<u><i>Scirpus hattorianus</i></u>	Makino		Cyperaceae		SMOOTH-LVD. DARK GR. BULR.	[OBL]	sedge	PE	MONO

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SCIPED	3	<i>Scirpus pedicellatus</i>	Fernald	syn	Cyperaceae	441	STALKED BULRUSH	OBL	sedge	PE	MONO
SCIPEN	2	<i>Scirpus pendulus</i>	Muhl.	syn	Cyperaceae	442	DROOPING BULRUSH	OBL	sedge	PE	MONO
SCIPOL	6	<i>Scirpus polyphyllus</i>	Vahl		Cyperaceae		LEAFY BULRUSH	OBL	sedge	PE	MONO
SCLANN	*	<i>SCLERANTHUS ANNUUS</i>	L.		Caryophyllaceae		ANNUAL KNAWEL	FACU-	forb	AN	DI
SCLOLI	9	<i>Scleria oligantha</i>	Michx.		Cyperaceae		TUBERCLED NUT-RUSH	FACU+	sedge	PE	MONO
SCLPAU	9	<i>Scleria pauciflora</i>	Muhl. ex Willd.		Cyperaceae	443	FEW-FLOWERED NUT-RUSH	FACU+	sedge	PE	MONO
SCLTRI	7	<i>Scleria triglomerata</i>	Michx.		Cyperaceae		TALL NUT-RUSH	FAC	sedge	PE	MONO
SCLVER	9	<i>Scleria verticillata</i>	Muhl. ex Willd.		Cyperaceae		LOW NUT-RUSH	OBL	sedge	AN	MONO
SCRLAN	4	<i>Scrophularia lanceolata</i>	Pursh		Scrophulariaceae		AMERICAN FIGWORT	FACU+	forb	PE	DI
SCRMAR	4	<i>Scrophularia marilandica</i>	L.		Scrophulariaceae		MARYLAND FIGWORT	FACU-	forb	PE	DI
SCUELL	5	<i>Scutellaria elliptica</i>	Muhl. ex Spreng.		Lamiaceae	444	HAIRY SKULLCAP	[UPL]	forb	PE	DI
SCUGAL	6	<i>Scutellaria galericulata</i>	L.	syn	Lamiaceae		MARSH SKULLCAP	OBL	forb	PE	DI
SCUINC	4	<i>Scutellaria incana</i>	Biehler		Lamiaceae		DOWNY SKULLCAP	[UPL]	forb	PE	DI
SCUINT	6	<i>Scutellaria integrifolia</i>	L.		Lamiaceae		HYSSOP SKULLCAP	FACW	forb	PE	DI
SCULAT	3	<i>Scutellaria lateriflora</i>	L.		Lamiaceae		MAD-DOG SKULLCAP	FACW+	forb	PE	DI
SCUNER	6	<i>Scutellaria nervosa</i>	Pursh		Lamiaceae	445	VEINED SKULLCAP	FAC	forb	PE	DI
SCUOVA	5	<i>Scutellaria ovata</i>	Hill		Lamiaceae	446	HEART-LEAVED SKULLCAP	FACU	forb	PE	DI
SCUPAR	6	<i>Scutellaria parvula</i>	Michx.		Lamiaceae	447	SMALL SKULLCAP	UPL	forb	PE	DI
SCUSAX	8	<i>Scutellaria saxatilis</i>	Riddell		Lamiaceae		ROCK SKULLCAP	[UPL]	forb	PE	DI
SCUSER	7	<i>Scutellaria serrata</i>	Andrews		Lamiaceae		SHOWY SKULLCAP	[UPL]	forb	PE	DI
SECCER	*	<i>SECALE CEREALE</i>	L.		Poaceae		ANNUAL RYE	[UPL]	grass	AN	MONO

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SEDACR	*	<i>SEDUM ACRE</i>	L.		Crassulaceae		GOLDEN-CARPET	[UPL]	forb	PE	DI
SEDALB	*	<i>SEDUM ALBUM</i>	L.		Crassulaceae		WHITE STONECROP	[UPL]	forb	PE	DI
SEDPUR	*	<i>SEDUM PURPUREUM</i>	(L.) J.A. Schultes	syn	Crassulaceae		GARDEN ORPINE	[UPL]	forb	PE	DI
SEDSAR	*	<i>SEDUM SARMENTOSUM</i>	Bunge		Crassulaceae		CREEPING STONECROP	[UPL]	forb	PE	DI
SEDTER	5	<i>Sedum ternatum</i>	Michx.		Crassulaceae		WILD STONECROP	[UPL]	forb	PE	DI
SELAPO	7	<i>Selaginella apoda</i>	(L.) Spring		Selaginellaceae		MEADOW SPIKE-MOSS	FACW	fern	PE	SVP
SELECL	9	<i>Selaginella eclipes</i>	W.R. Buck		Selaginellaceae		MIDWEST SPIKE-MOSS	[FACW+	fern	PE	SVP
SELRUP	10	<i>Selaginella rupestris</i>	(L.) Spring		Selaginellaceae		ROCK SPIKE-MOSS	[UPL]	fern	PE	SVP
SENANO	2	<i>Senecio anonymous</i>	A.W. Wood		Asteraceae		APPALACHIAN SQUAW-WEED	[UPL]	forb	PE	DI
SENAUR	4	<i>Senecio aureus</i>	L.		Asteraceae		GOLDEN RAGWORT	FACW	forb	PE	DI
SENGLA	*	<i>SENECIO GLABELLUS</i>	Poir.		Asteraceae		BUTTERWEED	OBL	forb	AN	DI
SENOBO	4	<i>Senecio obovatus</i>	Muhl. ex Willd.		Asteraceae		ROUND-LEAVED SQUAW-WEED	FACU-	forb	PE	DI
SENPAU	9	<i>Senecio pauperculus</i>	Michx.		Asteraceae		BALSAM SQUAW-WEED	FAC	forb	PE	DI
SENPLA	5	<i>Senecio plattensis</i>	Nutt.		Asteraceae		PRAIRIE RAGWORT	UPL	forb	B	DI
SENVUL	*	<i>SENECIO VULGARIS</i>	L.		Asteraceae		COMMON SQUAW-WEED	FACU	forb	AN	DI
SENHEB	4	<i>Senna hebecarpa</i>	(Fernald) Irwin & Barneby	syn	Fabaceae		NORTHERN WILD SENNA	FAC	forb	PE	DI
SENMAR	4	<i>Senna marilandica</i>	(L.) Link	syn	Fabaceae		SOUTHERN WILD SENNA	FAC+	forb	PE	DI
SETFAB	*	<i>SETARIA FABERI</i>	R.A.W. Herrm.		Poaceae		GIANT FOXTAIL GRASS	UPL	grass	AN	MONO
SETGEN	*	<i>SETARIA GENICULATA</i>	(Lam.) P. Beauv.	syn	Poaceae		JOINTED FOXTAIL GRASS	FAC	grass	PE	MONO
SETGLA	*	<i>SETARIA GLAUCA</i>	(L.) P. Beauv.		Poaceae		YELLOW FOXTAIL GRASS	FAC	grass	AN	MONO
SETITA	*	<i>SETARIA ITALICA</i>	(L.) P. Beauv.		Poaceae		FOXTAIL-MILLET	FACU	grass	AN	MONO

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SETVER	*	<i>SETARIA VERTICILLATA</i>	(L.) P. Beauv.		Poaceae		BUR FOXTAIL GRASS	FAC	grass	AN	MONO
SETVIR	*	<i>SETARIA VIRIDIS</i>	(L.) P. Beauv.		Poaceae		GREEN FOXTAIL GRASS	[UPL]	grass	AN	MONO
SHECAN	9	<i>Shepherdia canadensis</i>	(L.) Nutt.		Elaeagnaceae		CANADA BUFFALO-BERRY	UPL	forb	PE	DI
SHEARV	*	<i>SHERARDIA ARVENSIS</i>	L.		Rubiaceae		FIELD MADDER	[UPL]	forb	AN	DI
SIBVIR	*	<i>SIBARA VIRGINICA</i>	(L.) Rollins		Brassicaceae	448	VIRGINIA ROCK CRESS	UPL	forb	AN	DI
SICANG	3	<i>Sicyos angulatus</i>	L.		Cucurbitaceae		BUR-CUCUMBER	FACU	vine	AN	DI
SIDHER	6	<i>Sida hermaphrodita</i>	(L.) Rusby		Malvaceae		VIRGINIA MALLOW	FAC	forb	PE	DI
SIDSPI	*	<i>SIDA SPINOSA</i>	L.		Malvaceae		PRICKLY SIDA	UPL	forb	AN	DI
SILANT	1	<i>Silene antirrhina</i>	L.		Caryophyllaceae		SLEEPY CATCHFLY	[UPL]	forb	AN	DI
SILARM	*	<i>SILENE ARMERIA</i>	L.		Caryophyllaceae		GARDEN CATCHFLY	[UPL]	forb	AN	DI
SILCARP	8	<i>Silene caroliniana</i> Walter var. <i>pensylvanica</i>	(Michx.) Fernald		Caryophyllaceae		CAROLINA CATCHFLY	[UPL]	forb	PE	DI
SILCAR	9	<u><i>Silene caroliniana</i> Walter var. <i>wherryi</i></u>	(Small) Fernald		Caryophyllaceae		WHERRY'S CATCHFLY	[UPL]	forb	PE	DI
SILCSE	*	<i>SILENE CSEREI</i>	Baumg.		Caryophyllaceae		GLAUCOUS CAMPION	[UPL]	forb	BI	DI
SILDIC	*	<i>SILENE DICHOTOMA</i>	Ehrh.		Caryophyllaceae		FORKED CATCHFLY	[UPL]	forb	AN	DI
SILDIO	*	<i>SILENE DIOICA</i>	(L.) Clairv.	syn	Caryophyllaceae		RED CAMPION	[UPL]	forb	PE	DI
SILLAT	*	<i>SILENE LATIFOLIA</i>	Poir.	syn	Caryophyllaceae	449	WHITE CAMPION	[UPL]	forb	BI	DI
SILNIV	8	<i>Silene nivea</i>	(Nutt.) Muhl. ex Otth.		Caryophyllaceae		SNOWY CAMPION	FAC	forb	PE	DI
SILNOC	*	<i>SILENE NOCTIFLORA</i>	L.		Caryophyllaceae		NIGHT-FLOWERING CATCHFLY	[UPL]	forb	AN	DI
SILREG	8	<i>Silene regia</i>	Sims		Caryophyllaceae		ROYAL CATCHFLY	[UPL]	forb	PE	DI
SILROT	10	<i>Silene rotundifolia</i>	Nutt.		Caryophyllaceae		ROUND-LEAVED CATCHFLY	[UPL]	forb	PE	DI
SILSTE	6	<i>Silene stellata</i>	(L.) W.T. Aiton		Caryophyllaceae		STARRY CAMPION	[UPL]	forb	PE	DI

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SILVIR	5	<i>Silene virginica</i>	L.		Caryophyllaceae		FIRE-PINK	[UPL]	forb	PE	DI
SILVUL	*	<i>SILENE VULGARIS</i>	(Moench) Garcke		Caryophyllaceae	450	BLADDER CAMPION	[UPL]	forb	PE	DI
SLPLAC	8	<i>Silphium laciniatum</i>	L.		Asteraceae		COMPASS PLANT	[UPL]	forb	PE	DI
SLPPER	6	<i>Silphium perfoliatum</i>	L.		Asteraceae		CUP-PLANT	FACU	forb	PE	DI
SLPTER	8	<i>Silphium terebinthinaceum</i>	Jacq.		Asteraceae	451	PRAIRIE DOCK	UPL	forb	PE	DI
SLPTRI	5	<i>Silphium trifoliatum</i>	L.		Asteraceae		WHORLED ROSIN-WEED	[FAC]	forb	PE	DI
SILMAR	*	<i>SILYBUM MARIANUM</i>	(L.) Gaertn.		Asteraceae		MILK-THISTLE	[UPL]	forb	BI	DI
SINALB	*	<i>SINAPSIS ALBA</i>	L.		Brassicaceae		WHITE MUSTARD	[UPL]	forb	AN	DI
SINARV	*	<i>SINAPSIS ARVENSIS</i>	L.	syn	Brassicaceae		CHARLOCK	[UPL]	forb	AN	DI
SISALT	*	<i>SISYMBRIUM ALTISSIMUM</i>	L.		Brassicaceae		TALL TUMBLE MUSTARD	FACU-	forb	AN	DI
SISLOE	*	<i>SISYMBRIUM LOESELII</i>	L.		Brassicaceae		TALL HEDGE MUSTARD	[UPL]	forb	AN	DI
SISOFF	*	<i>SISYMBRIUM OFFICINALE</i>	(L.) Scop.		Brassicaceae		HEDGE MUSTARD	[UPL]	forb	AN	DI
SISALB	6	<i>Sisyrinchium albidum</i>	Raf.		Iridaceae		PALE BLUE-EYED-GRASS	FAC	forb	PE	MONO
SISANG	2	<i>Sisyrinchium angustifolium</i>	Mill.		Iridaceae		STOUT BLUE-EYED-GRASS	FACW-	forb	PE	MONO
SISATL	10	<i>Sisyrinchium atlanticum</i>	E.P. Bicknell		Iridaceae		ATLANTIC BLUE-EYED-GRASS	FACW	forb	PE	MONO
SISMON	7	<i>Sisyrinchium montanum</i>	Greene		Iridaceae	452	NORTHERN BLUE-EYED-GRASS	FAC	forb	PE	MONO
SISMUC	8	<i>Sisyrinchium mucronatum</i>	Michx.		Iridaceae		NARROW-LEAVED	FAC+	forb	PE	MONO
SIUSUA	6	<i>Sium suave</i>	Walter		Apiaceae		WATER-PARSNIP	OBL	forb	PE	DI
SMXECI	5	<i>Smilax ecirrhata</i>	(Engelm.) S. Watson		Smilacaceae		UPRIGHT CARRION-FLOWER	[UPL]	forb	PE	MONO
SMXGLA	5	<i>Smilax glauca</i>	Walter		Smilacaceae	453	CAT GREENBRIER	FACU	vine	W	MONO
SMXHER	4	<i>Smilax herbacea</i>	L.	syn	Smilacaceae		CARRION-FLOWER	FAC	forb	PE	MONO

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SMXHIS	3	<i>Smilax hispida</i>	Muhl.	syn	Smilacaceae		BRISTLY GREENBRIER	[FAC]	vine	W	MONO
SMXILL	6	<i>Smilax illinoensis</i>	Mangalay		Smilacaceae		ILLINOIS GREENBRIER	[UPL]	vine	W	MONO
SMXHER	6	<u><i>Smilax lasioneura</i></u>	Hook.	syn	Smilacaceae	454	PALE CARRION-FLOWER	[FAC]	forb	PE	MONO
SMXHER	6	<u><i>Smilax pulverulenta</i></u>	Michx.	syn	Smilacaceae	455	DOWNY CARRION-FLOWER	FACU	forb	PE	MONO
SMXROT	4	<i>Smilax rotundifolia</i>	L.		Smilacaceae		COMMON GREENBRIER	FAC	vine	W	MONO
SLMCAR	*	<i>SOLANUM CAROLINENSE</i>	L.		Solanaceae		HORSE NETTLE	UPL	forb	PE	DI
SLMDUL	*	<i>SOLANUM DULCAMARA</i>	L.		Solanaceae	456	BITTERSWEET NIGHTSHADE	FAC-	vine	PE	DI
SLMNIG	1	<i>Solanum nigrum</i>	L.		Solanaceae	457	BLACK NIGHTSHADE	FACU-	forb	AN	DI
SLMROS	*	<i>SOLANUM ROSTRATUM</i>	Dunal		Solanaceae	458	BUFFALO-BUR	[UPL]	forb	AN	DI
SOLARG	6	<i>Solidago arguta</i>	Aiton		Asteraceae		CUT-LEAF GOLDENROD	[UPL]	forb	PE	DI
SOLBIC	5	<i>Solidago bicolor</i>	L.		Asteraceae		WHITE GOLDENROD	[UPL]	forb	PE	DI
SOLCAE	5	<i>Solidago caesia</i>	L.		Asteraceae		BLUE-STEMMED GOLDENROD	FACU	forb	PE	DI
SOLCAN	1	<i>Solidago canadensis</i>	L.	syn	Asteraceae	459	CANADA GOLDENROD	FACU	forb	PE	DI
SOLERE	6	<i>Solidago erecta</i>	Pursh	syn	Asteraceae		SLENDER GOLDENROD	[UPL]	forb	PE	DI
SOLFLE	5	<i>Solidago flexicaulis</i>	L.		Asteraceae		ZIGZAG GOLDENROD	FACU	forb	PE	DI
SOLGIG	3	<i>Solidago gigantea</i>	Aiton		Asteraceae	460	SMOOTH GOLDENROD	FACW	forb	PE	DI
SOLHIS	4	<i>Solidago hispida</i>	Muhl. ex Willd.		Asteraceae		HAIRY GOLDENROD	[UPL]	forb	PE	DI
SOLJUN	2	<i>Solidago juncea</i>	Aiton		Asteraceae		PLUME GOLDENROD	[UPL]	forb	PE	DI
SOLNEM	2	<i>Solidago nemoralis</i>	Aiton		Asteraceae		GRAY GOLDENROD	[UPL]	forb	PE	DI
SOLODO	8	<i>Solidago odora</i>	Aiton		Asteraceae		SWEET GOLDENROD	[UPL]	forb	PE	DI
SOLOHI	9	<i>Solidago ohioensis</i>	Riddell		Asteraceae		OHIO GOLDENROD	OBL	forb	PE	DI

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SOLPAT	6	<i>Solidago patula</i>	Muhl. ex Willd.		Asteraceae	461	ROUGH-LEAVED GOLDENROD	OBL	forb	PE	DI
SOLPTA	10	<i>Solidago ptarmicoides</i>	(Nees) B. Boivin	syn	Asteraceae		WHITE UPLAND GOLDENROD	[UPL]	forb	PE	DI
SOLPUB	5	<i>Solidago puberula</i>	Nutt.		Asteraceae		DUSTY GOLDENROD	FACU-	forb	PE	DI
SOLRID	8	<i>Solidago riddellii</i>	Frank ex Riddell		Asteraceae		RIDDELL'S GOLDENROD	OBL	forb	PE	DI
SOLRIG	8	<i>Solidago rigida</i>	L.		Asteraceae	462	STIFF GOLDENROD	UPL	forb	PE	DI
SOLRUG	2	<i>Solidago rugosa</i>	Mill.		Asteraceae	463	ROUGH GOLDENROD	FAC	forb	PE	DI
SOLSEM	*	<i>SOLIDAGO SEMPERVIRENS</i>	L.		Asteraceae		SEASIDE GOLDENROD	FACW	forb	PE	DI
SOLSPE	5	<i>Solidago speciosa</i>	Nutt.		Asteraceae	464	SHOWY GOLDENROD	[UPL]	forb	PE	DI
SOLSPH	7	<i>Solidago sphacelata</i>	Raf.		Asteraceae		FALSE GOLDENROD	[UPL]	forb	PE	DI
SOLSQU	7	<i>Solidago squarrosa</i>	Muhl.	syn	Asteraceae		LEAFY GOLDENROD	[UPL]	forb	PE	DI
SOLULI	9	<i>Solidago uliginosa</i>	Nutt.		Asteraceae	465	BOG GOLDENROD	OBL	forb	PE	DI
SOLULM	5	<i>Solidago ulmifolia</i>	Muhl. ex Willd.		Asteraceae		ELM-LEAVED GOLDENROD	[UPL]	forb	PE	DI
SONARV	*	<i>SONCHUS ARVENSIS</i>	L.		Asteraceae	466	FIELD SOW-THISTLE	UPL	forb	PE	DI
SONASP	*	<i>SONCHUS ASPER</i>	(L.) Hill		Asteraceae		PRICKLY SOW-THISTLE	FAC	forb	AN	DI
SONOLE	*	<i>SONCHUS OLERACEUS</i>	L.		Asteraceae		COMMON SOW-THISTLE	UPL	forb	AN	DI
SORSOR	*	<i>SORBARIA SORBIFOLIA</i>	(L.) A. Br.		Rosaceae		FALSE SPIRAEA	[UPL]	shrub	W	DI
SORAUC	*	<i>SORBUS AUCUPARIA</i>	L.	syn	Rosaceae		EUROPEAN MOUNTAIN-ASH	[UPL]	sm	W	DI
SORDEC	4	<i>Sorbus decora</i>	(Sarg.) C.K. Schneid.	syn	Rosaceae		WESTERN MOUNTAIN-ASH	FAC	sm	W	DI
SORNUT	5	<i>Sorghastrum nutans</i>	(L.) Nash		Poaceae		INDIAN GRASS	UPL	grass	PE	MONO
SORBIC	*	<i>SORGHUM BICOLOR</i>	(L.) Moench		Poaceae	467	SORGHUM	UPL	grass	AN	MONO
SORHAL	*	<i>SORGHUM HALEPENSE</i>	(L.) Pers.		Poaceae		JOHNSON GRASS	FACU	grass	PE	MONO

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SPAAME	6	<i>Sparganium americanum</i>	Nutt.		Sparganiaceae		AMERICAN BUR-REED	OBL	forb	PE	MONO
SPAAND	7	<i>Sparganium androcladum</i>	(Engelm.) Morong		Sparganiaceae		KEELED BUR-REED	OBL	forb	PE	MONO
SPACHL	8	<i>Sparganium emersum</i>	Rehmann	syn	Sparganiaceae	468	SMALL BUR-REED	OBL	forb	PE	MONO
SPAEUR	4	<i>Sparganium eurycarpum</i>	Engelm. ex A. Gray		Sparganiaceae		GIANT BUR-REED	OBL	forb	PE	MONO
SPAPEC	5	<i>Spartina pectinata</i>	Link		Poaceae		PRAIRIE CORD GRASS	OBL	grass	PE	MONO
SPEARV	*	<i>SPERGULA ARVENSIS</i>	L.		Caryophyllaceae		CORN SPURREY	[UPL]	forb	AN	DI
SPEMAR	*	<i>SPERGULARIA MARINA</i>	(L.) Griseb.		Caryophyllaceae		SALT MARSH SAND-SPURREY	OBL	forb	AN	DI
SPEMED	*	<i>SPERGULARIA MEDIA</i>	(L.) C. Presl. ex Griseb.		Caryophyllaceae		SALT SPURREY	FACW	forb	PE	DI
SPERUB	*	<i>SPERGULARIA RUBRA</i>	(L.) J. Presl. & C. Presl.		Caryophyllaceae		SAND SPURREY	FACU	forb	AN	DI
SPEGLA	8	<i>Spermacoce glabra</i>	Michx.		Rubiaceae		SMOOTH BUTTONWEED	FACW	forb	PE	DI
SPHNIT	7	<i>Sphenopholis nitida</i>	(Biehler) Scribn.		Poaceae		SHINING WEDGE GRASS	[UPL]	grass	PE	MONO
SPHOBM	4	<i>Sphenopholis obtusata</i> var. <i>major</i>	(Torr.) Erdman	syn	Poaceae		SLENDER WEDGE GRASS	[FAC]	grass	PE	MONO
SPHOB0	8	<i>Sphenopholis obtusata</i> var. <i>obtusata</i>	(Michx.) Scribn.	syn	Poaceae		PRAIRIE WEDGE GRASS	FAC-	grass	PE	MONO
SPHPEN	6	<i>Sphenopholis pensylvanica</i>	(L.) Hitchc.	syn	Poaceae		SWAMP-OATS	OBL	grass	PE	MONO
SPIALA	3	<i>Spiraea alba</i>	Du Roi		Rosaceae		MEADOW-SWEET	FACW+	shrub	W	DI
SPIPRU	*	<i>SPIRAEA PRUNIFOLIA</i>	Siebold & Zucc.		Rosaceae		BRIDLE-WREATH	[UPL]	shrub	W	DI
SPITOM	4	<i>Spiraea tomentosa</i>	L.		Rosaceae	469	STEEPLEBUSH	FACW	shrub	W	DI
SPIVIR	10	<i>Spiraea virginiana</i>	Britton		Rosaceae		APPALACHIAN SPIRAEA	FACU	shrub	W	DI
SPRCER	5	<i>Spiranthes cernua</i> (Rydb.) Ames var. <i>ochroleuca</i> (Rydb.) Ames		syn	Orchidaceae		YELLOW LADIES'-TRESSES	[FACU]	forb	PE	MONO
SPRCER	4	<i>Spiranthes cernua</i> var. <i>cernua</i>	(L.) Rich.	syn	Orchidaceae		NODDING LADIES'-TRESSES	FACW	forb	PE	MONO
SPRLAC	4	<i>Spiranthes lacera</i>	(Raf.) Raf.	syn	Orchidaceae	470	SLENDER LADIES'-TRESSES	FACU-	forb	PE	MONO

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SPRLUC	7	<i>Spiranthes lucida</i>	(H. H. Eaton) Ames		Orchidaceae		SHINING LADIES'-TRESSES	FACW	forb	PE	MONO
SPRMAG	8	<i>Spiranthes magnicamporum</i>	Sheviak		Orchidaceae		GREAT PLAINS LADIES'-TRES.	FACU-	forb	PE	MONO
SPROVA	6	<i>Spiranthes ovalis</i>	Lindl.		Orchidaceae	471	LESSER LADIES'-TRESSES	FAC	forb	PE	MONO
SPRRROM	10	<i>Spiranthes romanzoffiana</i>	Cham.		Orchidaceae	472	HOODED LADIES'-TRESSES	OBL	forb	PE	MONO
SPRTUB	6	<i>Spiranthes tuberosa</i>	Raf.		Orchidaceae		LITTLE LADIES'-TRESSES	FACU-	forb	PE	MONO
SPRVER	7	<i>Spiranthes vernalis</i>	Engelm. & A. Gray		Orchidaceae		NARROW-LEAVED LADIES'-TRES.	FAC	forb	PE	MONO
SPIPOL	5	<i>Spirodela polyrhiza</i>	(L.) Schleid.		Lemnaceae		GREATER DUCKWEED	OBL	forb	AN	MONO
SPOASP	2	<i>Sporobolus asper</i>	(P. Beauv.) Kunth	syn	Poaceae		TALL DROPSEED	[UPL]	grass	PE	MONO
SPOCRY	6	<i>Sporobolus cryptandrus</i>	(Torr.) A. Gray		Poaceae		SAND DROPSEED	[UPL]	grass	PE	MONO
SPOHET	8	<i>Sporobolus heterolepis</i>	(A. Gray) A. Gray		Poaceae		PRAIRIE DROPSEED	[UPL]	grass	PE	MONO
SPONEG	2	<i>Sporobolus neglectus</i>	Nash		Poaceae		SMALL RUSH GRASS	FACU-	grass	AN	MONO
SPOOZA	5	<i>Sporobolus ozarkanus</i>	Fernald	syn	Poaceae	473	OZARK RUSH GRASS	[UPL]	grass	AN	MONO
SPOVAG	2	<i>Sporobolus vaginiflorus</i>	(Torr.) A.W. Wood		Poaceae	474	SHEATHED RUSH GRASS	UPL	grass	AN	MONO
STAASP	2	<i>Stachys aspera</i>	Michx.	syn	Lamiaceae		ROUGH HEDGE-NETTLE	FACW	forb	PE	DI
STACOR	4	<i>Stachys cordata</i>	Riddell	syn	Lamiaceae		HEART-LEAVED HEDGE-NETTLE	FAC	forb	PE	DI
STAPAL	6	<i>Stachys palustris</i>	L.		Lamiaceae	475	MARSH HEDGE-NETTLE	OBL	forb	PE	DI
STATEN	4	<i>Stachys tenuifolia</i>	Willd.	syn	Lamiaceae		SMOOTH HEDGE-NETTLE	FACW+	forb	PE	DI
STATRI	6	<i>Staphylea trifolia</i>	L.		Staphyleaceae		BLADDERNUT	FAC	shrub	W	DI
STEAQU	*	<i>STELLARIA AQUATICA</i>	(L.) Scop.	syn	Caryophyllaceae		WATER CHICKWEED	FACW	forb	PE	DI
STEGRA	*	<i>STELLARIA GRAMINEA</i>	L.		Caryophyllaceae		COMMON STITCHWORT	FACU-	forb	PE	DI
STELON	4	<i>Stellaria longifolia</i>	Muhl. ex Willd.		Caryophyllaceae		LONG-LEAVED STITCHWORT	FACW	forb	PE	DI

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STEMED	*	<i>STELLARIA MEDIA</i>	(L.) Vill.		Caryophyllaceae		COMMON CHICKWEED	UPL	forb	AN	DI
STEPAL	*	<i>STELLARIA PALLIDA</i>	(Dumort) Pire		Caryophyllaceae		LESSER CHICKWEED	[UPL]	forb	AN	DI
STEPUB	5	<i>Stellaria pubera</i>	Michx.		Caryophyllaceae	476	STAR CHICKWEED	[UPL]	forb	PE	DI
STNGRA	8	<i>Stenanthium gramineum</i>	(Ker Gawl.) Morong		Liliaceae		FEATHER-BELLS	FACW	forb	PE	DI
STISPA	10	<i>Stipa spartea</i>	Trin.	syn	Poaceae		PORCUPINE GRASS	[UPL]	grass	PE	MONO
STRROS	8	<i><u>Streptopus lanceolatus</u></i>	(Aiton) Reveal	syn	Liliaceae	477	ROSE TWISTED-STALK	FAC-	forb	PE	DI
STRHEL	3	<i>Strophostyles helvula</i>	(L.) Elliott		Fabaceae		WILD BEAN	FACU-	forb	AN	DI
STRUMB	*	<i>STROPHOSTYLES UMBELLATA</i>	(Muhl. ex Willd.) Britton		Fabaceae	478	PERENNIAL WILD BEAN	FACU	forb	PE	DI
STUFIL	10	<i><u>Stuckenia filiformis</u></i>	(Pers.) Boerner	syn	Potamogetonaceae	479	FILIFORM PONDWEED	OBL	forb	PE	MONO
STUPEC	2	<i><u>Stuckenia pectinata</u></i>	(L.) Boerner	syn	Potamogetonaceae		SAGO PONDWEED	OBL	forb	PE	MONO
STYDIP	6	<i>Stylophorum diphyllum</i>	(Michx.) Nutt.		Papaveraceae		WOOD POPPY	[UPL]	forb	PE	DI
STYBIF	3	<i>Stylosanthes biflora</i>	(Michx.) B.S.P.		Fabaceae	480	PENCIL-FLOWER	[UPL]	forb	PE	DI
STYGRA	9	<i>Styrax grandifolius</i>	Aiton		Styracaceae	481	BIGLEAF SNOWBELL	FACU	shrub	W	DI
SULSUL	9	<i>Sullivantia sullivantii</i>	(Torr. & A. Gray) Britton		Saxifragaceae		SULLIVANTIA	[UPL]	forb	PE	DI
SYMALB	8	<i>Symphoricarpos albus</i> var. <i>albus</i>	(L.) S.F. Blake		Caprifoliaceae		SNOWBERRY	FACU-	shrub	W	DI
SYMALB	*	<i>SYMPHORICARPOS ALBUS</i> var. <i>LAEVIGATUS</i>	(Fernald) S.F. Blake		Caprifoliaceae		WESTERN SNOWBERRY	[UPL]	shrub	W	DI
SYMORB	3	<i>Symphoricarpos orbiculatus</i>	Moench		Caprifoliaceae		CORALBERRY	UPL	shrub	W	DI
SYMASP	*	<i>SYMPHYTUM ASPERUM</i>	Lepech.		Boraginaceae		ROUGH COMFREY	[UPL]	forb	PE	DI
SYMOFF	*	<i>SYMPHYTUM OFFICINALE</i>	L.		Boraginaceae		COMMON COMFREY	[UPL]	forb	PE	DI
SYMFOE	7	<i>Symplocarpus foetidus</i>	(L.) Salisb. ex Barton		Araceae	482	SKUNK-CABBAGE	OBL	forb	PE	MONO
SYNHIS	7	<i>Synandra hispidula</i>	(Michx.) Baill.		Lamiaceae		SYNANDRA	FAC-	forb	PE	DI

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Acronym	CofC	Scientific Name	Authority	syn	Family	fn	Common Name	WET	Form	Habit	Group
SYRVUL	*	<i>SYRINGA VULGARIS</i>	L.		Oleaceae		COMMON LILAC	[UPL]	shrub	W	DI
TAEINT	6	<i>Taenidia integerrima</i>	(L.) Drude		Apiaceae		YELLOW-PIMPERNEL	[UPL]	forb	PE	DI
TANVUL	*	<i>TANACETUM VULGARE</i>	L.		Asteraceae		COMMON TANSY	[UPL]	forb	PE	DI
TARLAE	*	<i>TARAXACUM LAEVIGATUM</i>	(Willd.) DC.		Asteraceae		RED-SEEDED DANDELION	[UPL]	forb	PE	DI
TAROFF	*	<i>TARAXACUM OFFICINALE</i>	Weber ex F.H. Wigg.		Asteraceae		COMMON DANDELION	FACU-	forb	PE	DI
TAXDIS	*	<i>TAXODIUM DISTICHUM</i>	(L.) Rich		Taxodiaceae		BALD CYPRESS	OBL	tree	W	DI
TAXCAN	8	<i>Taxus canadensis</i>	Marshall		Taxaceae		AMERICAN YEW	FAC	shrub	W	GYMN
TEPVIR	6	<i>Tephrosia virginiana</i>	(L.) Pers.		Fabaceae		GOAT'S-RUE	[UPL]	forb	PE	DI
TEUCAN	3	<i>Teucrium canadense</i>	L.		Lamiaceae	483	AMERICAN GERMANDER	FACW-	forb	PE	DI
THADAS	4	<i>Thalictrum dasycarpum</i>	Fisch. & Ave-Lall.		Ranunculaceae		PURPLE MEADOW-RUE	FACW	forb	PE	DI
THADIO	5	<i>Thalictrum dioicum</i>	L.		Ranunculaceae		EARLY MEADOW-RUE	FAC	forb	PE	DI
THAPUB	5	<i>Thalictrum pubescens</i>	Pursh		Ranunculaceae	484	TALL MEADOW-RUE	FACW+	forb	PE	DI
THAREV	7	<i>Thalictrum revolutum</i>	DC.		Ranunculaceae		SKUNK MEADOW-RUE	UPL	forb	PE	DI
THABAR	4	<i>Thaspium barbinode</i>	(Michx.) Nutt.		Apiaceae	485	BEARDED MEADOW-PARSNIP	UPL	forb	PE	DI
THATRI	4	<i>Thaspium trifoliatum</i>	(L.) A. Gray		Apiaceae	486	YELLOW MEADOW-PARSNIP	[FACU]	forb	PE	DI
THEHEX	7	<i>Thelypteris hexagonaptera</i>	(Michx.) Weath.	syn	Thelypteridaceae		BROAD BEECH-FERN	FAC	fern	PE	SVP
THENOV	4	<i>Thelypteris noveboracensis</i>	(L.) Nieuwl.	syn	Thelypteridaceae		NEW YORK FERN	FAC	fern	PE	SVP
THEPAL	6	<i>Thelypteris palustris</i>	Schott	syn	Thelypteridaceae	487	MARSH FERN	FACW+	fern	PE	SVP
THEPHE	9	<i>Thelypteris phegopteris</i>	(L.) Sloss	syn	Thelypteridaceae		LONG BEECH-FERN	FACU	fern	PE	SVP
THLARV	*	<i>THLASPI ARVENSE</i>	L.		Brassicaceae		FIELD PENNY CRESS	UPL	forb	AN	DI
THLPER	*	<i>THLASPI PERFOLIATUM</i>	L.		Brassicaceae		PERFOLIATE PENNY CRESS	[UPL]	forb	AN	DI

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THUOCC	9	<i>Thuja occidentalis</i>	L.		Cupressaceae		ARBOR VITAE	FACW	tree	W	GYMN
TIACOR	6	<i>Tiarella cordifolia</i>	L.		Saxifragaceae		FOAMFLOWER	FAC-	forb	PE	DI
TILAME	6	<i>Tilia americana</i>	L.		Tiliaceae	488	AMERICAN BASSWOOD	FACU	tree	W	DI
TILHET	6	<i>Tilia heterophylla</i>	Vent.	syn	Tiliaceae		WHITE BASSWOOD	[FACU]	tree	W	DI
TIPDIS	6	<i>Tipularia discolor</i>	(Pursh) Nutt.		Orchidaceae		CRANE-FLY ORCHID	FACU	forb	PE	MONO
TORARV	*	<i>TORILIS ARVENSIS</i>	(Huds.) Link		Apiaceae		FIELD HEDGE-PARSLEY	[UPL]	forb	AN	DI
TORJAP	*	<i>TORILIS JAPONICA</i>	(Houtt.) DC.		Apiaceae		JAPANESE HEDGE-PARSLEY	[UPL]	forb	AN	DI
TOXRAD	1	<i>Toxicodendron radicans</i>	(L.) Kuntze	syn	Anacardiaceae		POISON-IVY	FAC	vine	W	DI
TOXRYD	3	<i>Toxicodendron rydbergii</i>	(Small ex Rydb.) Greene	syn	Anacardiaceae	489	NORTHERN POISON-IVY	FAC-	vine	W	DI
TOXVER	7	<i>Toxicodendron vernix</i>	(L.) Kuntze	syn	Anacardiaceae		POISON SUMAC	OBL	shrub	W	DI
TRAOHI	5	<i>Tradescantia ohiensis</i>	Raf.		Commelinaceae		OHIO SPIDERWORT	FAC	forb	PE	DI
TRASUB	5	<i>Tradescantia subaspera</i>	Ker Gawl.		Commelinaceae		ZIGZAG SPIDERWORT	[FACU]	forb	PE	DI
TRAVIR	5	<i>Tradescantia virginiana</i>	L.		Commelinaceae		VIRGINIA SPIDERWORT	FACU	forb	PE	DI
TRADUB	*	<i>TRAGOPOGON DUBIUS</i>	Scop.		Asteraceae		FIELD GOAT'S-BEARD	[UPL]	forb	PE	DI
TRAPOR	*	<i>TRAGOPOGON PORRIFOLIUS</i>	L.		Asteraceae		SALSIFY	[UPL]	forb	PE	DI
TRAPRA	*	<i>TRAGOPOGON PRATENSIS</i>	L.		Asteraceae		YELLOW GOAT'S-BEARD	[UPL]	forb	PE	DI
TRIFRA	6	<i>Triadenum fraseri</i>	(Spach) Gleason	syn	Clusiaceae		FRASER'S ST. JOHN'S-WORT	OBL	forb	PE	DI
TRITUB	8	<i>Triadenum tubulosum</i>	(Walter) Gleason	syn	Clusiaceae	490	MARSH ST. JOHN'S-WORT	OBL	forb	PE	DI
TRIVIR	6	<i>Triadenum virginicum</i>	(L.) Raf.	syn	Clusiaceae	491	VA. MARSH ST. JOHN'S-WORT	OBL	forb	PE	DI
TRIWAL	8	<i>Triadenum walteri</i>	(J.G. Gmel) Gleason	syn	Clusiaceae		WALTER'S ST. JOHN'S-WORT	OBL	forb	PE	DI
TRIGLU	10	<i><u>Triantha glutinosa</u></i>	(Michx.) Baker	syn	Liliaceae		FALSE ASPHODEL	OBL	forb	PE	MONO

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TRITER	*	<i>TRIBULUS TERRESTRIS</i>	L.		Zygophyllaceae		PUNCTURE-VINE	[UPL]	forb	AN	DI
TRIBOS	10	<i>Trichomanes boschianum</i>	J. W. Sturm		Hymenophyllaceae		APPALACHIAN FILMY FERN	FACW	fern	PE	SVP
TRIINT	10	<i>Trichomanes intricatum</i>	Farrar		Hymenophyllaceae		WEFT FERN	[UPL]	fern	PE	SVP
TRIPLA	7	<i>Trichophorum planifolium</i>	(Spreng.) Palla	syn	Cyperaceae		FLAT-LEAVED BULRUSH	[UPL]	sedge	PE	MONO
TRIDOC	4	<i>Trichostema dichotomum</i>	L.	syn	Lamiaceae		BLUECURLS	[UPL]	forb	AN	DI
TRISSET	7	<i>Trichostema setaceum</i>	Houtt.	syn	Lamiaceae		NARROW-LEAVED BLUECURLS	[UPL]	forb	AN	DI
TRIFLA	1	<i>Tridens flavus</i>	(L.) Hitchc.	syn	Poaceae		GREASE GRASS	FACU	grass	PE	MONO
TRIBOR	7	<i>Trientalis borealis</i>	Raf.		Primulaceae		STARFLOWER	FAC	forb	PE	DI
TRFARV	*	<i>TRIFOLIUM ARVENSE</i>	L.		Fabaceae		RABBIT-FOOT CLOVER	[UPL]	forb	AN	DI
TRFAUR	*	<i>TRIFOLIUM AUREUM</i>	Pollich		Fabaceae	492	PALMATE HOP CLOVER	[UPL]	forb	AN	DI
TRFCAM	*	<i>TRIFOLIUM CAMPESTRE</i>	Schreb.		Fabaceae	493	PINNATE HOP CLOVER	[UPL]	forb	AN	DI
TRFDUB	*	<i>TRIFOLIUM DUBIUM</i>	Sibth.		Fabaceae		LITTLE HOP CLOVER	UPL	forb	AN	DI
TRFHYP	*	<i>TRIFOLIUM HYBRIDUM</i>	L.		Fabaceae		ALSIKE CLOVER	FACU-	forb	PE	DI
TRFINC	*	<i>TRIFOLIUM INCARNATUM</i>	L.		Fabaceae		CRIMSON CLOVER	[UPL]	forb	AN	DI
TRFPRA	*	<i>TRIFOLIUM PRATENSE</i>	L.		Fabaceae		RED CLOVER	FACU-	forb	PE	DI
TRFREF	8	<i>Trifolium reflexum</i>	L.		Fabaceae	494	BUFFALO CLOVER	[UPL]	forb	BI	DI
TRFREP	*	<i>TRIFOLIUM REPENS</i>	L.		Fabaceae		WHITE CLOVER	FACU-	forb	PE	DI
TRFSTO	5	<i>Trifolium stoloniferum</i>	Muhl. ex Eaton		Fabaceae		RUNNING BUFFALO CLOVER	[FACU+]	forb	PE	DI
TRIMAR	10	<i>Triglochin maritima</i>	L.		Juncaginaceae	495	SEASIDE ARROW-GRASS	OBL	forb	PE	MONO
TRIPAL	10	<i>Triglochin palustre</i>	L.		Juncaginaceae	496	MARSH ARROW-GRASS	OBL	forb	PE	MONO
TRLCER	7	<i>Trillium cernuum</i>	L.		Liliaceae		NODDING TRILLIUM	FACW	forb	PE	MONO

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TRLERE	7	<i>Trillium erectum</i>	L.		Liliaceae		PURPLE TRILLIUM	FACU-	forb	PE	MONO
TRLFLE	6	<i>Trillium flexipes</i>	Raf.		Liliaceae		DROOPING TRILLIUM	FAC	forb	PE	MONO
TRLGRA	5	<i>Trillium grandiflorum</i>	(Michx.) Salisb.		Liliaceae		LARGE-FLOWERED TRILLIUM	[UPL]	forb	PE	MONO
TRLNIV	9	<i>Trillium nivale</i>	Riddell		Liliaceae		SNOW TRILLIUM	[UPL]	forb	PE	MONO
TRLREC	6	<i>Trillium recurvatum</i>	L.C. Beck		Liliaceae		PRAIRIE WAKE-ROBIN	UPL	forb	PE	MONO
TRLSES	5	<i>Trillium sessile</i>	L.		Liliaceae		TOAD-SHADE	UPL	forb	PE	MONO
TRLUND	8	<i>Trillium undulatum</i>	Willd.		Liliaceae		PAINTED TRILLIUM	FACU	forb	PE	MONO
TRDPER	2	<i>Triodanis perfoliata</i>	(L.) Nieuwl.	syn	Scrophulariaceae		VENUS'-LOOKING-GLASS	FAC	forb	AN	DI
TRIANG	5	<i>Triosteum angustifolium</i>	L.		Caprifoliaceae		LESSER HORSE-GENTIAN	FAC	forb	PE	DI
TRIAUR	5	<i>Triosteum aurantiacum</i>	E.P. Bicknell		Caprifoliaceae		WILD COFFEE	[UPL]	forb	PE	DI
TRIPER	5	<i>Triosteum perfoliatum</i>	L.		Caprifoliaceae		TINKER'S-WEED	[UPL]	forb	PE	DI
TRITRI	9	<i>Triphora trianthophora</i>	(Sw.) Rydb.		Orchidaceae	497	THREE-BIRD ORCHID	UPL	forb	PE	MONO
TRIPUR	9	<i>Triplasis purpurea</i>	(Walter) Chapm.		Poaceae		PURPLE SAND GRASS	[UPL]	grass	AN	MONO
TROLAX	9	<i>Trollius laxus</i>	Salisb.		Ranunculaceae		SPREADING GLOBEFLOWER	OBL	forb	PE	DI
TSUCAN	8	<i>Tsuga canadensis</i>	(L.) Carriere		Pinaceae		EASTERN HEMLOCK	FACU	tree	W	GYMN
TUSFAR	*	<i>TUSSILAGO FARFARA</i>	L.		Asteraceae		COLTSFOOT	FACU	forb	PE	DI
TYPANG	*	<i>TYPHA ANGUSTIFOLIA</i>	L.		Typhaceae	498	NARROW-LEAVED CAT-TAIL	OBL	forb	PE	MONO
TYPLAT	1	<i>Typha latifolia</i>	L.		Typhaceae		BROAD-LEAVED CAT-TAIL	OBL	forb	PE	MONO
TYPGLA	*	<i>TYPHA X GLAUCA</i>	Godr.		Typhaceae	499	HYBRID CAT-TAIL	OBL	forb	PE	MONO
ULMAME	2	<i>Ulmus americana</i>	L.		Ulmaceae		AMERICAN ELM	FACW-	tree	W	DI
ULMPUM	*	<i>ULMUS PUMILA</i>	L.		Ulmaceae		SIBERIAN ELM	[UPL]	tree	W	DI

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ULMRUB	3	<i>Ulmus rubra</i>	Muhl.		Ulmaceae		SLIPPERY ELM	FAC	tree	W	DI
ULMTHO	7	<i>Ulmus thomasii</i>	Sarg.		Ulmaceae		ROCK ELM	FACU+	sm	W	DI
URTCHA	9	<i>Urtica chamaedryoides</i>	Pursh		Urticaceae		SPRING NETTLE	FACU	forb	AN	DI
URTIDIO	1	<i>Urtica dioica</i> L. var. <i>procera</i>	(Muhl. ex Willd.) Wedd.		Urticaceae	500	AMERICAN STINGING NETTLE	[FAC-]	forb	PE	DI
URTDIOD	*	<i>URTICA DIOICA</i> var. <i>DIOICA</i>	L.		Urticaceae		EUROPEAN STINGING NETTLE	[FACU]	forb	PE	DI
UTRCOR	10	<i>Utricularia cornuta</i>	Michx.		Lentibulariaceae		HORNED BLADDERWORT	OBL	forb	PE	DI
UTRGEM	10	<i>Utricularia geminiscapa</i>	Benj.		Lentibulariaceae		TWO-SCAPED BLADDERWORT	OBL	forb	PE	DI
UTRGIB	8	<i>Utricularia gibba</i>	L.		Lentibulariaceae		HUMPED BLADDERWORT	OBL	forb	PE	DI
UTRINT	10	<i>Utricularia intermedia</i>	Hayne		Lentibulariaceae		FLAT-LEAVED BLADDERWORT	OBL	forb	PE	DI
UTRMIN	8	<i>Utricularia minor</i>	L.		Lentibulariaceae		LESSER BLADDERWORT	OBL	forb	PE	DI
UTRVUL	6	<i>Utricularia vulgaris</i>	L.		Lentibulariaceae	501	COMMON BLADDERWORT	OBL	forb	PE	DI
UVUGRA	5	<i>Uvularia grandiflora</i>	Sm.		Liliaceae		LARGE-FLOWERED BELLWORT	[UPL]	forb	PE	MONO
UVUPER	5	<i>Uvularia perfoliata</i>	L.		Liliaceae		PERFOLIATE BELLWORT	FACU	forb	PE	MONO
UVUSES	5	<i>Uvularia sessilifolia</i>	L.		Liliaceae		MERRY-BELLS	FACU-	forb	PE	MONO
VACHIS	*	<i>VACCARIA HISPANICA</i>	(Mill.) Rauschert	syn	Caryophyllaceae		COW-HERB	[UPL]	forb	AN	DI
VACANG	7	<i>Vaccinium angustifolium</i>	Aiton		Ericaceae	502	LOW SUGARBERRY	FACU-	shrub	W	DI
VACCOR	6	<i>Vaccinium corymbosum</i>	L.		Ericaceae	503	HIGHBUSH BLUEBERRY	FACW-	shrub	W	DI
VACMAC	8	<i>Vaccinium macrocarpon</i>	Aiton		Ericaceae		LARGE CRANBERRY	OBL	shrub	W	DI
VACMYR	9	<i>Vaccinium myrtilloides</i>	Michx.		Ericaceae		VELVET-LEAVED BLUEBERRY	FAC	shrub	W	DI
VACOXY	10	<i>Vaccinium oxycoccos</i>	L.		Ericaceae		SMALL CRANBERRY	OBL	shrub	W	DI
VACPAL	6	<i>Vaccinium pallidum</i>	Aiton		Ericaceae	504	LOW BLUEBERRY	[UPL]	shrub	W	DI

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VACSTA	6	<i>Vaccinium stamineum</i>	L.		Ericaceae	505	DEERBERRY	FACU-	shrub	W	DI
VALCIL	10	<i>Valeriana ciliata</i>	Torr. & A. Gray	syn	Valerianaceae		PRAIRIE VALERIAN	OBL	forb	PE	DI
VALOFF	*	<i>VALERIANA OFFICINALIS</i>	L.		Valerianaceae		GARDEN VALERIAN	[FACU]	forb	PE	DI
VALPAU	7	<i>Valeriana pauciflora</i>	Michx.		Valerianaceae		LARGE-FLOWERED VALERIAN	FACW	forb	PE	DI
VALULI	10	<i>Valeriana uliginosa</i>	(Torr. & A. Gray) Rydb.		Valerianaceae		SWAMP VALERIAN	[FACW+	forb	PE	DI
VALCHE	4	<i>Valerianella chenopodifolia</i>	(Pursh) DC.		Valerianaceae		GOOSEFOOT CORN-SALAD	[FAC-]	forb	AN	DI
VALLOC	*	<i>VALERIANELLA LOCUSTA</i>	(L.) Latourr.		Valerianaceae		EUROPEAN CORN-SALAD	[UPL]	forb	AN	DI
VALUMB	2	<i>Valerianella umbilicata</i>	(Sull.) A.W. Wood		Valerianaceae		BEAKED CORN-SALAD	FAC	forb	AN	DI
VALAME	8	<i>Vallisneria americana</i>	Michx.		Hydrocharitaceae		WATER-CELERY	OBL	forb	PE	MONO
VERVIR	6	<i>Veratrum viride</i>	Aiton		Liliaceae		FALSE HELLEBORE	FACW+	forb	PE	MONO
VERBLA	*	<i>VERBASCUM BLATTARIA</i>	L.		Scrophulariaceae		MOTH MULLEIN	[UPL]	forb	BI	DI
VERTHA	*	<i>VERBASCUM THAPSUS</i>	L.		Scrophulariaceae		COMMON MULLEIN	[UPL]	forb	BI	DI
VERBRA	0	<i>Verbena bracteata</i>	Lag. & Rodr.		Verbenaceae		BRACTED VERVAIN	UPL	forb	PE	DI
VERCAN	*	<i>VERBENA CANADENSIS</i>	(L.) Britton		Verbenaceae		ROSE VERVAIN	[UPL]	forb	PE	DI
VERHAS	4	<i>Verbena hastata</i>	L.		Verbenaceae		BLUE VERVAIN	FACW+	forb	PE	DI
VERSIM	5	<i>Verbena simplex</i>	Lehm.		Verbenaceae		NARROW-LEAVED VERVAIN	[UPL]	forb	PE	DI
VERSTR	3	<i>Verbena stricta</i>	Vent.		Verbenaceae		HOARY VERVAIN	[UPL]	forb	PE	DI
VERURT	3	<i>Verbena urticifolia</i>	L.		Verbenaceae		WHITE VERVAIN	FACU	forb	PE	DI
VERALT	5	<i>Verbesina alternifolia</i>	(L.) Britton ex Kearney	syn	Asteraceae		WINGSTEM	FAC	forb	PE	DI
VERHEL	5	<i>Verbesina helianthoides</i>	Michx.		Asteraceae		HAIRY WINGSTEM	[UPL]	forb	PE	DI
VEROCC	5	<i>Verbesina occidentalis</i>	(L.) Walter		Asteraceae		YELLOW CROWN-BEARD	UPL	forb	PE	DI

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VERFAS	8	<i>Vernonia fasciculata</i>	Michx.		Asteraceae		WESTERN IRONWEED	FAC+	forb	PE	DI
VERGIG	2	<i>Vernonia gigantea</i>	(Walter) Trel.		Asteraceae		TALL IRONWEED	FAC	forb	PE	DI
VERMIS	8	<i>Vernonia missurica</i>	Raf.		Asteraceae		MISSOURI IRONWEED	FACU+	forb	PE	DI
VERNOV	3	<i>Vernonia noveboracensis</i>	(L.) Michx.		Asteraceae		NEW YORK IRONWEED	FACW+	forb	PE	DI
VERAGR	*	<i>VERONICA AGRESTIS</i>	L.		Scrophulariaceae		FIELD SPEEDWELL	[UPL]	forb	AN	DI
VERAME	6	<i>Veronica americana</i>	Schwein. ex Benth.		Scrophulariaceae		AMERICAN BROOKLIME	OBL	forb	PE	DI
VERANA	6	<i>Veronica anagallis-aquatica</i>	L.		Scrophulariaceae		WATER SPEEDWELL	OBL	forb	PE	DI
VERARV	*	<i>VERONICA ARVENSIS</i>	L.		Scrophulariaceae		CORN SPEEDWELL	[UPL]	forb	AN	DI
VERBEC	*	<i>VERONICA BECCABUNGA</i>	L.		Scrophulariaceae		EUROPEAN BROOKLIME	OBL	forb	PE	DI
VERCAT	6	<i>Veronica catenata</i>	Pennell		Scrophulariaceae		SWEET-WATER SPEEDWELL	OBL	forb	PE	DI
VERCHA	*	<i>VERONICA CHAMAEDRYIS</i>	L.		Scrophulariaceae		BIRD'S-EYE SPEEDWELL	[UPL]	forb	PE	DI
VERFIL	*	<i>VERONICA FILIFORMIS</i>	Sm.		Scrophulariaceae		CREEPING SPEEDWELL	[UPL]	forb	PE	DI
VERHED	*	<i>VERONICA HEDERAEFOLIA</i>	L.		Scrophulariaceae		IVY-LEAVED SPEEDWELL	[UPL]	forb	AN	DI
VERLAT	*	<i>VERONICA LATIFOLIA</i>	L.		Scrophulariaceae	506	BROAD-LEAVED SPEEDWELL	[UPL]	forb	PE	DI
VERLON	*	<i>VERONICA LONGIFOLIA</i>	L.		Scrophulariaceae		GARDEN SPEEDWELL	[UPL]	forb	PE	DI
VEROFF	*	<i>VERONICA OFFICINALIS</i>	L.		Scrophulariaceae		COMMON SPEEDWELL	FACU-	forb	PE	DI
VERPER	1	<i>Veronica peregrina</i> var. <i>peregrina</i>	L.		Scrophulariaceae	507	PURSLANE SPEEDWELL	FACU-	forb	AN	DI
VERPER	*	<i>VERONICA PERSICA</i>	Poir.		Scrophulariaceae		CAT'S-EYE SPEEDWELL	[UPL]	forb	AN	DI
VERPOL	*	<i>VERONICA POLITA</i>	Fr.		Scrophulariaceae		WAYSIDE SPEEDWELL	[UPL]	forb	AN	DI
VERSCU	6	<i>Veronica scutellata</i>	L.		Scrophulariaceae		MARSH SPEEDWELL	OBL	forb	PE	DI
VERSER	*	<i>VERONICA SERPYLLIFOLIA</i>	L.		Scrophulariaceae		THYME-LEAVED SPEEDWELL	FAC+	forb	PE	DI

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Acronym	CofC	Scientific Name	Authority	syn	Family	fn	Common Name	WET	Form	Habit	Group
VERVER	*	<i>VERONICA VERNA</i>	L.		Scrophulariaceae		SPRING SPEEDWELL	[UPL]	forb	AN	DI
VERVIN	7	<i>Veronicastrum virginicum</i>	(L.) Farw.		Scrophulariaceae		CULVER'S-ROOT	FACU	forb	PE	DI
VIBACE	6	<i>Viburnum acerifolium</i>	L.		Caprifoliaceae	508	MAPLE-LEAVED VIBURNUM	[UPL]	shrub	W	DI
VIBALN	8	<i>Viburnum alnifolium</i>	Marshall		Caprifoliaceae	509	HOBBLEBUSH	FAC	shrub	W	DI
VIBCAS	5	<i>Viburnum cassinoides</i>	L.	syn	Caprifoliaceae		WITHE-ROD	FACW	shrub	W	DI
VIBDEN	2	<i><u>Viburnum dentatum</u></i>	L.		Caprifoliaceae	510	ARROW-WOOD	FAC	shrub	W	DI
VIBLAN	*	<i>VIBURNUM LANTANA</i>	L.		Caprifoliaceae		WAYFARING TREE	[UPL]	shrub	W	DI
VIBLEN	5	<i>Viburnum lentago</i>	L.		Caprifoliaceae		NANNYBERRY	FAC	shrub	W	DI
VIBMOL	6	<i>Viburnum molle</i>	Michx.		Caprifoliaceae		SOFT-LEAVED ARROW-WOOD	[UPL]	shrub	W	DI
VIBOPUA	8	<i>Viburnum opulus</i> L. var. <i>americana</i>	Aiton		Caprifoliaceae		HIGHBUSH-CRANBERRY	FACW	shrub	W	DI
VIBOPU	*	<i>VIBURNUM OPULUS</i> var. <i>OPULUS</i>	L.	syn	Caprifoliaceae		EUROPEAN CRANBERRY-BUSH	FACW	shrub	W	DI
VIBPRU	4	<i>Viburnum prunifolium</i>	L.		Caprifoliaceae		BLACK-HAW	FACU	shrub	W	DI
VIBRAF	5	<i>Viburnum rafinesquianum</i>	Schult.		Caprifoliaceae	511	DOWNY ARROW-WOOD	[UPL]	shrub	W	DI
VIBREC	2	<i><u>Viburnum recognitum</u></i>	Aiton	syn	Caprifoliaceae		NORTHERN ARROW-WOOD	FACW-	shrub	W	DI
VIBRUF	6	<i>Viburnum rufidulum</i>	Raf.		Caprifoliaceae		SOUTHERN BLACK-HAW	[UPL]	shrub	W	DI
VICAME	5	<i>Vicia americana</i>	Muhl. ex Willd.		Fabaceae		AMERICAN VETCH	[UPL]	forb	PE	DI
VICCAR	5	<i>Vicia caroliniana</i>	Walter		Fabaceae		CAROLINA WOOD VETCH	FACU-	forb	PE	DI
VICCRA	*	<i>VICIA CRACCA</i>	L.		Fabaceae		BIRD VETCH	[UPL]	forb	PE	DI
VICDAS	*	<i>VICIA DASYCARPA</i>	Ten.		Fabaceae		WOOLLY-PODDED VETCH	[UPL]	forb	AN	DI
VICHIR	*	<i>VICIA HIRSUTA</i>	(L.) Gray		Fabaceae		TINY VETCH	[UPL]	forb	AN	DI
VICSAT	*	<i>VICIA SATIVA</i>	L.	syn	Fabaceae	512	COMMON VETCH	FACU-	forb	AN	DI

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Acronym	CofC	Scientific Name	Authority	syn	Family	fn	Common Name	WET	Form	Habit	Group
VICVIL	*	<i>VICIA VILLOSA</i>	Roth		Fabaceae		HAIRY VETCH	[UPL]	forb	AN	DI
VINMIN	*	<i>VINCA MINOR</i>	L.		Apocynaceae		PERIWINKLE	[UPL]	vine	PE	DI
VINNIG	*	<i>VINCETOXICUM NIGRUM</i>	(L.) Moench	syn	Asclepiadaceae		BLACK SWALLOW-WORT	[UPL]	forb	PE	DI
VIOARV	*	<i>VIOLA ARVENSIS</i>	Murray		Violaceae		EUROPEAN FIELD-PANSY	[UPL]	forb	AN	DI
VIOBLA	7	<i>Viola blanda</i>	Willd.		Violaceae	513	SWEET WHITE VIOLET	FACW	forb	PE	DI
VIOCAN	5	<i>Viola canadensis</i>	L.		Violaceae		CANADA VIOLET	[UPL]	forb	PE	DI
VIOCON	5	<i>Viola conspersa</i>	Rchb.		Violaceae		AMERICAN DOG VIOLET	FACW	forb	PE	DI
VIOCUC	6	<i>Viola cucullata</i>	Aiton	syn	Violaceae	514	MARSH BLUE VIOLET	FACW+	forb	PE	DI
VIOHAS	7	<i>Viola hastata</i>	Michx.		Violaceae		HALBERD-LEAVED VIOLET	[UPL]	forb	PE	DI
VIOLAN	8	<i>Viola lanceolata</i>	L.		Violaceae		LANCE-LEAVED VIOLET	OBL	forb	PE	DI
VIOMAC	8	<i>Viola macloskeyi</i>	F.E. Lloyd	syn	Violaceae	515	NORTHERN WHITE VIOLET	[OBL]	forb	PE	DI
VIOMIS	10	<u><i>Viola missouriensis</i></u>	Greene	syn	Violaceae		MISSOURI VIOLET	FACU	forb	PE	DI
VIONEP	10	<i>Viola nephrophylla</i>	Greene		Violaceae	516	NORTHERN BOG VIOLET	FACW	forb	PE	DI
VIOODO	*	<i>VIOLA ODORATA</i>	L.		Violaceae		SWEET VIOLET	[UPL]	forb	PE	DI
VIOPPED	9	<i>Viola palmata</i> L. var. <i>pedatifida</i>	(G. Don) Cronquist	syn	Violaceae	518	PRAIRIE VIOLET	FACU-	forb	PE	DI
VIOPPAL	4	<i>Viola palmata</i> var. <i>palmata</i>	L.	syn	Violaceae	517	PALMATE-LEAVED VIOLET	FACW	forb	PE	DI
VIOPED	8	<i>Viola pedata</i>	L.		Violaceae		BIRD-FOOT VIOLET	UPL	forb	PE	DI
VIOPRI	8	<i>Viola primulifolia</i>	L.		Violaceae		PRIMROSE-LEAVED VIOLET	FAC+	forb	PE	DI
VIOPUB	4	<i>Viola pubescens</i>	Aiton		Violaceae	519	DOWNY YELLOW VIOLET	FACU-	forb	PE	DI
VIORAF	2	<i>Viola rafinesquii</i>	Greene	syn	Violaceae	520	FIELD PANSY	[UPL]	forb	AN	DI
VIOROS	5	<i>Viola rostrata</i>	Pursh		Violaceae		LONG-SPURRED VIOLET	FACU	forb	PE	DI

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Acronym	CofC	Scientific Name	Authority	syn	Family	fn	Common Name	WET	Form	Habit	Group
VIOROT	8	<i>Viola rotundifolia</i>	Michx.		Violaceae		ROUND-LEAVED VIOLET	FAC+	forb	PE	DI
VIOSAG	4	<i>Viola sagittata</i>	Aiton		Violaceae	521	ARROW-LEAVED VIOLET	FACW	forb	PE	DI
VIOSOR	1	<i>Viola sororia</i>	Willd.	syn	Violaceae	522	COMMON BLUE VIOLET	FAC-	forb	PE	DI
VIOSTR	5	<i>Viola striata</i>	Aiton		Violaceae		STRIPED CREAMY VIOLET	FACW	forb	PE	DI
VIOTRC	*	<i>VIOLA TRICOLOR</i>	L.		Violaceae		JOHNNY-JUMP-UP	[UPL]	forb	AN	DI
VIOTRP	7	<i>Viola tripartita</i>	Elliott		Violaceae	523	WEDGE-LEAVED VIOLET	[UPL]	forb	PE	DI
VIOVIL	6	<i>Viola villosa</i>	Brainerd	syn	Violaceae	524	SOUTHERN WOOD VIOLET	FACU-	forb	PE	DI
VIOWAL	9	<i>Viola walteri</i>	House		Violaceae		WALTER'S VIOLET	[UPL]	forb	PE	DI
VITAES	4	<i>Vitis aestivalis</i>	Michx.		Vitaceae	525	SUMMER GRAPE	FACU	vine	W	DI
VITCIN	6	<i>Vitis cinerea</i>	(Engelm.) Millard		Vitaceae	526	PIGEON GRAPE	FACW	vine	W	DI
VITLAB	3	<i>Vitis labrusca</i>	L.		Vitaceae	527	FOX GRAPE	FACU	vine	W	DI
VITRIP	3	<i>Vitis riparia</i>	Michx.		Vitaceae		RIVERBANK GRAPE	FACW	vine	W	DI
VITVUL	3	<i>Vitis vulpina</i>	L.		Vitaceae		FROST GRAPE	FAC	vine	W	DI
VITAPP	10	<u><i>Vittaria appalachiana</i></u>	Farrar & Mickel		Vittariaceae	528	APPAL. SHOESTRING FERN	[FACU]	fern	PE	DI
VULOCT	4	<i>Vulpia octoflora</i>	(Walter) Rydb.	syn	Poaceae	529	SIX-WEEKS FESCUE	[UPL]	grass	AN	MONO
WALFRA	6	<i>Waldsteinia fragarioides</i>	(Michx.) Tratt.		Rosaceae		BARREN STRAWBERRY	[UPL]	forb	PE	DI
WOLBO	6	<u><i>Wolffia borealis</i></u>	(Engelm. ex Hegelm.) Landolt		Lemnaceae	530	NORTHERN WATER-MEAL	OBL	forb	AN	MONO
WOLBRA	6	<u><i>Wolffia brasiliensis</i></u>	Weddell	syn	Lemnaceae	531	BRAZILIAN WATER-MEAL	OBL	forb	AN	MONO
WOLCOL	3	<i>Wolffia columbiana</i>	Karsten		Lemnaceae		COMMON WATER-MEAL	OBL	forb	AN	MONO
WOLGLA	7	<u><i>Wolffiella gladiata</i></u>	(Hegelm.) Hegelm.	syn	Lemnaceae		WOLFFIELLA	OBL	forb	AN	MONO
WOOLV	9	<i>Woodsia ilvensis</i>	(L.) R. Br.		Dryopteridaceae		RUSTY CLIFF FERN	[UPL]	fern	PE	SVP

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Acronym	CofC	Scientific Name	Authority	syn	Family	fn	Common Name	WET	Form	Habit	Group
WOOOB	6	<i>Woodsia obtusa</i>	(Spreng.) Torr.		Dryopteridaceae		BLUNT-LOBED CLIFF FERN	[UPL]	fern	PE	SVP
WOOAR	6	<i>Woodwardia areolata</i>	(L.) T. Moore		Blechnaceae		NETTED CHAIN FERN	FACW+	fern	PE	SVP
WOOVIR	8	<i>Woodwardia virginica</i>	(L.) Sm.		Blechnaceae		VIRGINIA CHAIN FERN	OBL	fern	PE	SVP
XANSPI	*	<i>XANTHIUM SPINOSUM</i>	L.		Asteraceae		SPINY COCKLEBUR	FACU	forb	AN	DI
XANSTR	*	<i>XANTHIUM STRUMARIUM</i>	L.		Asteraceae	532	COMMON COCKLEBUR	FAC	forb	AN	DI
XYRDIF	10	<i>Xyris difformis</i>	Chapm.		Xyridaceae	533	CAROLINA	OBL	forb	PE	MONO
XYRTOR	10	<i>Xyris torta</i>	Sm.		Xyridaceae		TWISTED YELLOW-EYED-GRASS	OBL	forb	PE	MONO
ZANPAL	6	<i>Zannichellia palustris</i>	L.		Najadaceae		HORNED-PONDWEED	OBL	forb	PE	MONO
ZANAME	3	<i>Zanthoxylum americanum</i>	Mill.		Rutaceae		PRICKLY-ASH	FACU	shrub	W	DI
ZIGELE	10	<i>Zigadenus elegans</i>	Pursh		Liliaceae	534	WAND-LILY	FAC+	forb	PE	MONO
ZIZAQU	9	<i>Zizania aquatica</i>	L.		Poaceae		WILD RICE	OBL	grass	AN	DI
ZIZAPT	7	<i>Zizia aptera</i>	(A. Gray) Fernald		Apiaceae		HEART-LEAVED GOLDEN ALEX.	FAC	forb	PE	DI
ZIZAUR	6	<i>Zizia aurea</i>	(L.) W.D.J. Koch		Apiaceae		GOLDEN ALEXANDERS	FAC	forb	PE	DI
ZOSDUB	5	<i>Zosterella dubia</i>	(Jacq.) Small		syn Pontederiaceae		WATER STAR-GRASS	OBL	forb	PE	MONO

APPENDIX B
OHIO MOSS DATABASE

Acronym	CofC	Scientific Name	Authority	Variety	Family	Form	Life Cycle
ABIABI	5	<i>Abietinella abietina</i>	(Hedw.) Fleisch.		Thuidiaceae	PI	P
ACAMUT	1	<i>Acaulon muticum</i>	(Hedw.) C. Mull.		Pottiaceae	A	A/E
AMBSER	3	<i>Amblystegium serpens</i>	(Hedw.) Schimp. <i>in</i> BSG	<i>vars. serpens, juratzkanum</i> (Schimp.) Rau & Herv.	Amblystegiaceae	PI	P
AMBVAR	2	<i>Amblystegium varium</i>	(Hedw.) Lindb.		Amblystegiaceae	PI	P
AMPLAP	8	<i>Amphidium lapponicum</i>	(Hedw.) Schimp. <i>in</i> BSG		Orthotrichaceae	A	P
AMPMOU	8	<i>Amphidium mougeotii</i>	(Bruch & Schimp. <i>in</i> BSG) Schimp.		Orthotrichaceae	A	P
ANASPL	5	<i>Anacamptodon splachnoides</i>	(Frol. ex Brid.) Brid.		Fabroniaceae	PI	P
ANDROT	10	<i>Andreaea rothii</i>	Web. & Mohr	<i>var. rothii</i>	Andreaeaceae	A	P
ANDRUP	10	<i>Andreaea rupestris</i>	Hedw.	<i>var. rupestris</i>	Andreaeaceae	A	P
ANOAES	6	<i>Anoetangium aestivum</i>	(Hedw.) Mitt.		Pottiaceae	A	P
ANOFIL	10	<i>Anomobryum filiforme</i>	(Dicks.) Solms <i>in</i> Rabenh.		Bryaceae	A	P
ANOATT	3	<i>Anomodon attenuatus</i>	(Hedw.) Hub.		Anomodontaceae	PI	P
ANOMIN	6	<i>Anomodon minor</i>	(Hedw.) Furnr.		Anomodontaceae	PI	P
ANOROS	4	<i>Anomodon rostratus</i>	(Hedw.) Schimp.		Anomodontaceae	PI	P
ANORUG	6	<i>Anomodon rugelii</i>	(C. Mull.) Keissl.		Anomodontaceae	PI	P
ANOVIT	10	<i>Anomodon viticulosus</i>	(Hedw.) Hook & Tayl.		Anomodontaceae	PI	P
APHSER	3	<i>Aphanorrhagma serratum</i>	(Hook. f.&Wils. <i>in</i> Drumm.) Sull. <i>in</i> Gray		Funariaceae	A	A/E
ARCALT	2	<i>Archidium alternifolium</i>	(Hedw.) Schimp.		Archidiaceae	A	P
ARCDON	ua	<i>Archidium donnellii</i>	Aust.		Archidiaceae	A	P
ARCOHI	3	<i>Archidium ohioense</i>	Schimp. ex C. Mull.		Archidiaceae	A	P

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Acronym	CofC	Scientific Name	Authority	Variety	Family	Form	Life Cycle
ASTLUD	ua	<i>Astomum ludovicianum</i>	(Sull.) Sull.		Pottiaceae	A	P
ASTMUH	2	<i>Astomum muehlenbergianum</i>	(Sw.) Grout		Pottiaceae	A	P
ATRALT	3	<i>Atrichum altecristatum</i>	(Ren. & Card.) Smyth & Smyth		Polytrichaceae	A	P
ATRANG	2	<i>Atrichum angustatum</i>	(Brid.) Bruch & Schimp. <i>in</i> BSG		Polytrichaceae	A	P
ATRCRI	4	<i>Atrichum crispum</i>	(James) Sull.		Polytrichaceae	A	P
ATROER	5	<i>Atrichum oerstedianum</i>	(C. Mull.) Mitt.		Polytrichaceae	A	P
ATRTEN	3	<i>Atrichum tenellum</i>	(Rohl.) Bruch & Schimp. <i>in</i> BSG		Polytrichaceae	A	P
AULHET	5	<i>Aulacomnium heterostichum</i>	(Hedw.) Bruch & Schimp. <i>in</i> BSG		Aulacomniaceae	A	P
AULPAL	3	<i>Aulacomnium palustre</i>	(Hedw.) Schwaegr.		Aulacomniaceae	A	P
BARCON	4	<i>Barbula convoluta</i>	Hedw.	<i>var. convoluta</i>	Pottiaceae	A	P
BARIND	4	<i>Barbula indica</i>	(Hook.) Spreng. <i>in</i> Steud.	<i>var. indica</i>	Pottiaceae	A	P
BARUNG	1	<i>Barbula unguiculata</i>	Hedw.		Pottiaceae	A	P
BARPOM	5	<i>Bartramia pomiformis</i>	Hedw.		Bartramiaceae	A	P
BRAACU	4	<i>Brachythecium acuminatum</i>	(Hedw.) Aust.		Brachytheciaceae	PI	P
BRACAL	ua	<i>Brachythecium calcareum</i>	Kindb.		Brachytheciaceae	PI	P
BRACAM	5	<i>Brachythecium campestre</i>	(C. Mull.) Schimp. <i>in</i> BSG		Brachytheciaceae	PI	P
BRADIG	ua	<i>Brachythecium digastrum</i>	C. Mull. & Kindb. <i>in</i> Mac. & Kindb.		Brachytheciaceae	PI	P
BRAOED	3	<i>Brachythecium oedipodium</i>	(Mitt.) Jaeg.		Brachytheciaceae	PI	P
BRAOXY	2	<i>Brachythecium oxycladon</i>	(Brid.) Jaeg.		Brachytheciaceae	PI	P

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Acronym	CofC	Scientific Name	Authority	Variety	Family	Form	Life Cycle
BRAPLU	5	<i>Brachythecium plumosum</i>	(Hedw.) Schimp. <i>in</i> BSG		Brachytheciaceae	PI	P
BRAPOP	4	<i>Brachythecium populeum</i>	(Hedw.) Schimp. <i>in</i> BSG		Brachytheciaceae	PI	P
BRAREF	3	<i>Brachythecium reflexum</i>	(Starke <i>in</i> Web. & Mohr) Schimp. <i>in</i> BSG	var. <i>reflexum</i>	Brachytheciaceae	PI	P
BRARIV	5	<i>Brachythecium rivulare</i>	Schimp. <i>in</i> BSG		Brachytheciaceae	PI	P
BRARUT	4	<i>Brachythecium rutabulum</i>	(Hedw.) Schimp. <i>in</i> BSG		Brachytheciaceae	PI	P
BRASAL	2	<i>Brachythecium salebrosum</i>	(Web. & Mohr) Schimp. <i>in</i> BSG	var. <i>salebrosum</i>	Brachytheciaceae	PI	P
BROLEA	6	<i>Brothera leana</i>	(Sull.) C. Mull.		Dicranaceae	A	P
BROREC	5	<i>Brotherella recurvans</i>	(Michx.) Fleisch.		Sematophyllaceae	PI	P
BRUFLE	3	<i>Bruchia flexuosa</i>	(Sw. <i>ex</i> Schwaegr.) C. Mull.		Bruchiaceae	A	A/E
BRYGRA	3	<i>Bryhnia graminicolor</i>	(Brid.) Grout		Brachytheciaceae	PI	P
BRYNOV	3	<i>Bryhnia novae-angliae</i>	(Sull. & Lesq. <i>in</i> Sull.) Grout		Brachytheciaceae	PI	P
BRYILL	3	<i>Bryoandersonia illecebra</i>	(Hedw.) Robins.		Brachytheciaceae	PI	P
BRYREC	4	<i>Bryoerythrophyllum recurvirostre</i>	(Hedw.) Chen		Pottiaceae	A	P
BRYNOR	10	<i>Bryoxiphium norvegicum</i>	(Brid.) Mitt.		Bryoxiphiaceae	A	P
BRYALG	2	<i>Bryum algovicum</i>	Sendtn. <i>ex</i> C. Mull.	var. <i>algovicum</i>	Bryaceae	A	P
BRYARG	1	<i>Bryum argenteum</i>	Hedw.		Bryaceae	A	P
BRYCAE	1	<i>Bryum caespiticium</i>	Hedw.		Bryaceae	A	P
BRYCAP	3	<i>Bryum capillare</i>	Hedw.	var. <i>capillare</i>	Bryaceae	A	P
BRYCYC	ua	<i>Bryum cyclophyllum</i>	(Schwaegr.) Bruch & Schimp. <i>in</i> BSG		Bryaceae	A	P

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Acronym	CofC	Scientific Name	Authority	Variety	Family	Form	Life Cycle
BRYDIC	4	<i>Bryum dichotomum</i>	Hedw.		Bryaceae	A	P
BRYFLA	1	<i>Bryum flaccidum</i>	Brid.		Bryaceae	A	P
BRYLIS	1	<i>Bryum lisae</i>	De Not.	<i>var. cuspidatum</i> (Bruch & Schimp. in BSG) Marg.	Bryaceae	A	P
BRYPAL	ua	<i>Bryum pallescens</i>	Schleich. ex Schwaegr.		Bryaceae	A	P
BRYPSE	3	<i>Bryum pseudotriquetrum</i>	(Hedw.) Gaertn. et al.		Bryaceae	A	P
BRYULI	4	<i>Bryum uliginosum</i>	(Brid.) Bruch & Schimp. in BSG		Bryaceae	A	P
BUXAPH	4	<i>Buxbaumia aphylla</i>	Hedw.		Buxbaumiaceae	A	A/E
BUXMIN	10	<i>Buxbaumia minakatae</i>	Okam.		Buxbaumiaceae	A	A/E
CALHAL	4	<i>Callicladium haldanianum</i>	(Grev.) Crum		Hypnaceae	PI	P
CALCOR	6	<i>Calliergon cordifolium</i>	(Hedw.) Kindb.		Amblystegiaceae	PI	P
CALGIG	10	<i>Calliergon giganteum</i>	(Schimp.) Kindb.		Amblystegiaceae	PI	P
CALSTR	ua	<i>Calliergon stramineum</i>	(Brid.) Kindb.		Amblystegiaceae	PI	P
CALTRI	10	<i>Calliergon trifarium</i>	(Web. & Mohr) Kindb.		Amblystegiaceae	PI	P
CALCUS	4	<i>Calliergonella cuspidata</i>	(Hedw.) Loeske		Amblystegiaceae	PI	P
CAMCHR	3	<i>Campylium chrysophyllum</i>	(Brid.) J. Lange		Amblystegiaceae	PI	P
CAMHIS	3	<i>Campylium hispidulum</i>	(Brid.) Mitt.		Amblystegiaceae	PI	P
CAMPOL	6	<i>Campylium polygamum</i>	(Schimp. in BSG) C. Jens.		Amblystegiaceae	PI	P
CAMRAD	ua	<i>Campylium radicale</i>	(P. Beauv.) Grout		Amblystegiaceae	PI	P
CAMSTE	8	<i>Campylium stellatum</i>	(Hedw.) C. Jens.	<i>var. stellatum</i>	Amblystegiaceae	PI	P

APPENDIX B
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Acronym	CofC	Scientific Name	Authority	Variety	Family	Form	Life Cycle
CAMPIL	ua	<i>Campylopus pilifer</i>	Brid.		Dicranaceae	A	P
CAMTAL	3	<i>Campylopus tallulensis</i>	Sull. & Lesq.		Dicranaceae	A	P
CAMSAX	8	<i>Campylostelium saxicola</i>	(Web. & Mohr) Bruch & Schimp. <i>in</i> BSG		Ptychomitriaceae	A	P
CERPUR	1	<i>Ceratodon purpureus</i>	(Hedw.) Brid.	<i>var. purpureus</i>	Ditrichaceae	A	P
CIRPIL	5	<i>Cirriphyllum piliferum</i>	(Hedw.) Grout		Brachytheciaceae	PI	P
CLAPAR	4	<i>Clasmatodon parvulus</i>	(Hampe) Hook. & Wils. <i>ex</i> Sull. <i>in</i> Gray		Fabroniaceae	PI	P
CLIAME	3	<i>Climacium americanum</i>	Brid.		Climaciaceae	PI	P
CLIDEN	ua	<i>Climacium dendroides</i>	(Hedw.) Web. & Mohr		Climaciaceae	PL	P
CLIKIN	4	<i>Climacium kindbergii</i>	(Ren. & Card.) Grout		Climaciaceae	PI	P
CONCOM	5	<i>Conardia compacta</i>	(C. Mull.) Robins.		Amblystegiaceae	PI	P
CRAFIL	7	<i>Cratoneuron filicinum</i>	(Hedw.) Spruce		Amblystegiaceae	PI	P
CRYGLO	5	<i>Cryphaea glomerata</i>	Bruch & Schimp. <i>ex</i> Sull.		Cryphaeaceae	PI	P
CTEMAL	4	<i>Ctenidium malacodes</i>	Mitt.		Hypnaceae	PI	P
CYRMIN	5	<i>Cyrto-hypnum minutulum</i>	(Hedw.) Buck & Crum		Thuidiaceae	PI	P
CYRPYG	6	<i>Cyrto-hypnum pygmaeum</i>	(Schimp. <i>in</i> BSG) Buck & Crum		Thuidiaceae	PI	P
CYRHYM	ua	<i>Cyrtomnium hymenophylloides</i>	(Hub.) Nyh. <i>ex</i> T. Kop.		Mniaceae	PI	P
DESCER	4	<i>Desmatodon cernuus</i>	(Hub.) Bruch & Schimp. <i>in</i> BSG		Pottiaceae	A	P
DESOBT	1	<i>Desmatodon obtusifolius</i>	(Schwaegr.) Schimp.		Pottiaceae	A	P
DESPLI	1	<i>Desmatodon plinthobius</i>	Sull. & Lesq. <i>in</i> Sull.		Pottiaceae	A	P

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Acronym	CofC	Scientific Name	Authority	Variety	Family	Form	Life Cycle
DESPOR	1	<i>Desmatodon porteri</i>	James <i>in</i> Aust.		Pottiaceae	A	P
DICCAP	7	<i>Dichelyma capillaceum</i>	(With.) Myr.		Fontinalaceae	PI	P
DICPEL	7	<i>Dichodontium pellucidum</i>	(Hedw.) Schimp.		Dicranaceae	A	P
DICCER	2	<i>Dicranella cerviculata</i>	(Hedw.) Schimp.		Dicranaceae	A	P
DICHET	2	<i>Dicranella heteromalla</i>	(Hedw.) Schimp.		Dicranaceae	A	P
DICPAL	ua	<i>Dicranella palustris</i>	(Dicks.) Crundw. <i>ex</i> Warb.		Dicranaceae	A	P
DICRUF	2	<i>Dicranella rufescens</i>	(With.) Schimp.		Dicranaceae	A	P
DICSCH	ua	<i>Dicranella schreberiana</i>	(Hedw.) Hilf. <i>ex</i> Crum & Anderson	<i>var. schreberiana</i>	Dicranaceae	A	P
DICVAR	2	<i>Dicranella varia</i>	(Hedw.) Schimp.		Dicranaceae	A	P
DICDEN	8	<i>Dicranodontium denudatum</i>	(Brid.) Britt. <i>in</i> Williams		Dicranaceae	A	P
DICBON	ua	<i>Dicranum bonjeanii</i>	De Not. <i>in</i> Lisa		Dicranaceae	A	P
DICCON	6	<i>Dicranum condensatum</i>	Hedw.		Dicranaceae	A	P
DICFLA	3	<i>Dicranum flagellare</i>	Hedw.		Dicranaceae	A	P
DICFUL	7	<i>Dicranum fulvum</i>	Hook.		Dicranaceae	A	P
DICFUS	ua	<i>Dicranum fuscescens</i>	Turn.	<i>var. fuscescens</i>	Dicranaceae	A	P
DICMON	3	<i>Dicranum montanum</i>	Hedw.		Dicranaceae	A	P
DICONT	7	<i>Dicranum ontariense</i>	Peters.		Dicranaceae	A	P
DICPOL	6	<i>Dicranum polysetum</i>	Sw.		Dicranaceae	A	P
DICSCO	3	<i>Dicranum scoparium</i>	Hedw.		Dicranaceae	A	P

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Acronym	CofC	Scientific Name	Authority	Variety	Family	Form	Life Cycle
DICSPU	7	<i>Dicranum spurium</i>	Hedw.		Dicranaceae	A	P
DICVIR	4	<i>Dicranum viride</i>	(Sull. & Lesq. <i>in</i> Sull.) Lindb.		Dicranaceae	A	P
DIDFAL	2	<i>Didymodon fallax</i>	(Hedw.) Zand.	vars. <i>fallax</i> , <i>reflexus</i> (Brid.) Zand.	Pottiaceae	A	P
DIDRIG	4	<i>Didymodon rigidulus</i>	Hedw.	var. <i>rigidulus</i>	Pottiaceae	A	P
DIDTOP	3	<i>Didymodon tophaceus</i>	(Brid.) Lisa		Pottiaceae	A	P
DIPCUM	10	<i>Diphyscium cumberlandianum</i>	Harvill		Buxbaumiaceae	A	P
DIPFOL	7	<i>Diphyscium foliosum</i>	(Hedw.) Mohr		Buxbaumiaceae	A	P
DISNUD	2	<i>Discelium nudum</i>	(Dicks.) Brid.		Disceliaceae	A	A/E
DITLIN	2	<i>Ditrichum lineare</i>	(Sw.) Lindb.		Ditrichaceae	A	A/E
DITPAL	2	<i>Ditrichum pallidum</i>	(Hedw.) Hampe		Ditrichaceae	A	A/E
DITPUS	2	<i>Ditrichum pusillum</i>	(Hedw.) Hampe		Ditrichaceae	A	A/E
DITRHY	2	<i>Ditrichum rhynchostegium</i>	Kindb.		Ditrichaceae	A	A/E
DREADK	4	<i>Drepanocladus aduncus</i>	(Hedw.) Warnst.	var. <i>kneiffi</i> (Schimp. <i>in</i> BSG) Monk.	Amblystegiaceae	PI	P
DREADP	7	<i>Drepanocladus aduncus</i>	(Hedw.) Warnst.	var. <i>polycarpus</i> (Bland. <i>ex</i> Voit) G. Roth	Amblystegiaceae	PI	P
DREADU	3	<i>Drepanocladus aduncus</i>	(Hedw.) Warnst.	var. <i>aduncus</i>	Amblystegiaceae	PI	P
DRUPRO	7	<i>Drummondia prorepens</i>	(Hedw.) Britt.		Orthotrichaceae	PI	P
ENCCIL	ua	<i>Encalypta ciliata</i>	Hedw.		Encalyptaceae	A	P
ENCPRO	9	<i>Encalypta procera</i>	Bruch		Encalyptaceae	A	P
ENTBRE	7	<i>Entodon brevisetus</i>	(Hook. & Wils. <i>in</i> Wils.) Lindb.		Entodontaceae	PI	P

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Acronym	CofC	Scientific Name	Authority	Variety	Family	Form	Life Cycle
ENTCLA	5	<i>Entodon cladorrhizans</i>	(Hedw.) C. Mull.		Entodontaceae	PI	P
ENTCOM	5	<i>Entodon compressus</i>	(Hedw.) C. Mull.		Entodontaceae	PI	P
ENTSED	2	<i>Entodon seductrix</i>	(Hedw.) C. Mull.		Entodontaceae	PI	P
EPHCOH	3	<i>Ephemerum cohaerens</i>	(Hedw.) Hampe		Ephemeraceae	A	A/E
EPHCRA	3	<i>Ephemerum crassinervium</i>	(Schwaegr.) Hampe	vars. <i>crassinervium</i> , <i>texanum</i> (Grout) Bryan & Anderson	Ephemeraceae	A	A/E
EPHSER	ua	<i>Ephemerum serratum</i>	(Hedw.) Hampe		Ephemeraceae	A	A/E
EPHSPI	3	<i>Ephemerum spinulosum</i>	Bruch & Schimp. <i>in</i> Schimp.		Ephemeraceae	A	A/E
EUCVER	4	<i>Eucladium verticillatum</i>	(Brid.) Bruch & Schimp. <i>in</i> BSG		Pottiaceae	A	P
EURHIA	3	<i>Eurhynchium hians</i>	(Hedw.) Sande Lac.		Brachytheciaceae	PI	P
EURPUL	3	<i>Eurhynchium pulchellum</i>	(Hedw.) Jenn.	var. <i>pulchellum</i>	Brachytheciaceae	PI	P
FABCIL	3	<i>Fabronia ciliaris</i>	(Brid.) Brid.	vars. <i>ciliaris</i> , <i>polycarpa</i> (Hook.) Buck	Fabroniaceae	PI	P
FISADI	5	<i>Fissidens adianthoides</i>	Hedw.		Fissidentaceae	A	P
FISBRY	6	<i>Fissidens bryoides</i>	Hedw.		Fissidentaceae	A	P
FISBUS	5	<i>Fissidens bushii</i>	(Card. & Ther.) Card. & Ther.		Fissidentaceae	A	P
FISDUB	4	<i>Fissidens dubius</i>	P. Beauv.		Fissidentaceae	A	P
FISEXI	4	<i>Fissidens exilis</i>	Hedw.		Fissidentaceae	A	P
FISFON	8	<i>Fissidens fontanus</i>	(B. Pyl.) Steud.		Fissidentaceae	A	P
FISHYA	9	<i>Fissidens hyalinus</i>	Wils. & Hook.		Fissidentaceae	A	P
FISOBT	6	<i>Fissidens obtusifolius</i>	Wils.	var. <i>obtusifolius</i>	Fissidentaceae	A	P

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Acronym	CofC	Scientific Name	Authority	Variety	Family	Form	Life Cycle
FISOSM	7	<i>Fissidens osmundioides</i>	Hedw.		Fissidentaceae	A	P
FISRAV	10	<i>Fissidens ravenelii</i>	Sull.		Fissidentaceae	A	P
FISSUB	5	<i>Fissidens subbasilaris</i>	Hedw.		Fissidentaceae	A	P
FISTAX	3	<i>Fissidens taxifolius</i>	Hedw.		Fissidentaceae	A	P
FONANT	ua	<i>Fontinalis antipyretica</i>	Hedw.	var. <i>gigantea</i> (Sull.) Sull.	Fontinalaceae	PI	P
FONDAL	6	<i>Fontinalis dalecarlica</i>	Schimp. in BSG		Fontinalaceae	PI	P
FONFIL	7	<i>Fontinalis filiformis</i>	Sull. & Lesq. in Aust.		Fontinalaceae	PI	P
FONFLA	7	<i>Fontinalis flaccida</i>	Ren. & Card.		Fontinalaceae	PI	P
FONHYP	6	<i>Fontinalis hypnoides</i>	Hartm.	vars. <i>hypnoides</i> , <i>duriaei</i> (Schimp.) Husn.	Fontinalaceae	PI	P
FONMIS	7	<i>Fontinalis missourica</i>	Card.		Fontinalaceae	PI	P
FONNOV	6	<i>Fontinalis novae-angliae</i>	Sull.	var. <i>novae-angliae</i>	Fontinalaceae	PI	P
FONSPH	7	<i>Fontinalis sphagnifolia</i>	(C. Mull.) Wijk & Marg.		Fontinalaceae	PI	P
FONSUL	7	<i>Fontinalis sullivantii</i>	Lindb.		Fontinalaceae	PI	P
FORPRO	ua	<i>Forsstroemia producta</i>	(Hornsch.) Par.		Leptodontaceae	PI	P
FORTRI	5	<i>Forsstroemia trichomitria</i>	(Hedw.) Lindb.		Leptodontaceae	PI	P
FUNFLA	2	<i>Funaria flavicans</i>	Michx.		Funariaceae	A	A/E
FUNHYG	1	<i>Funaria hygrometrica</i>	Hedw.		Funariaceae	A	A/E
GRILAE	4	<i>Grimmia laevigata</i>	(Brid.) Brid.		Grimmiaceae	A	P
GRIOLN	4	<i>Grimmia olneyi</i>	Sull.		Grimmiaceae	A	P

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Acronym	CofC	Scientific Name	Authority	Variety	Family	Form	Life Cycle
GRIPIL	4	<i>Grimmia pilifera</i>	P. Beauv.		Grimmiaceae	A	P
GRIPLA	1	<i>Grimmia plagiopodia</i>	Hedw.		Grimmiaceae	A	P
GRIPUL	1	<i>Grimmia pulvinata</i>	(Hedw.) Sm.	<i>var. pulvinata</i>	Grimmiaceae	A	P
GYMAER	4	<i>Gymnostomum aeruginosum</i>	Sm.		Pottiaceae	A	P
HAMVER	10	<i>Hamatocaulis vernicosus</i>	(Mitt.) Hedenas		Amblystegiaceae	PI	P
HAPMIC	3	<i>Haplocladium microphyllum</i>	(Hedw.) Broth.		Leskeaceae	PI	P
HAPVIR	6	<i>Haplocladium virginianum</i>	(Brid.) Broth.		Leskeaceae	PI	P
HAPTRI	6	<i>Haplohymenium triste</i>	(Ces. <i>in De Not.</i>) Kindb.		Anomodontaceae	PI	P
HEDCIL	2	<i>Hedwigia ciliata</i>	(Hedw.) P. Beauv.		Hedwigiaceae	PI	P
HELBLA	7	<i>Helodium blandowii</i>	(Web. & Mohr) Warnst.	<i>vars. blandowii, helodioides</i> (Ren. & Card. <i>in Roll.</i>)	Helodiaceae	PI	P
HELPAL	6	<i>Helodium paludosum</i>	(Sull.) Aust.		Helodiaceae	PI	P
HERSTR	7	<i>Herzogiella striatella</i>	(Brid.) Iwats.		Hypnaceae	PI	P
HERTUR	6	<i>Herzogiella turfacea</i>	(Lindb.) Iwats.		Hypnaceae	PI	P
HOMSUB	7	<i>Homalotheciella subcapillata</i>	(Hedw.) Broth.		Brachytheciaceae	PI	P
HOMADN	3	<i>Homomallium adnatum</i>	(Hedw.) Broth.		Hypnaceae	PI	P
HOOACU	10	<i>Hookeria acutifolia</i>	Hook. & Grev.		Hookeriaceae	PI	P
HYGFLU	4	<i>Hygroamblystegium fluviatile</i>	(Hedw.) Loeske		Amblystegiaceae	PI	P
HYGTEN	2	<i>Hygroamblystegium tenax</i>	(Hedw.) Jenn.	<i>vars. tenax, spinifolium</i> (Schimp.) Jenn.	Amblystegiaceae	PI	P
HYG CLO	ua	<i>Hygrohypnum closteri</i>	(Aust.) Grout		Amblystegiaceae	PI	P

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Acronym	CofC	Scientific Name	Authority	Variety	Family	Form	Life Cycle
HYGEUG	6	<i>Hygrohypnum eugyrium</i>	(Schimp. <i>in</i> BSG) Loeske		Amblystegiaceae	PI	P
HYGLUR	6	<i>Hygrohypnum luridum</i>	(Hedw.) Jenn.		Amblystegiaceae	PI	P
HYLSPL	8	<i>Hylocomium splendens</i>	(Hedw.) Schimp. <i>in</i> BSG		Hylocomiaceae	PI	P
HYMREC	6	<i>Hymenostylium recurvirostre</i>	(Hedw.) Dix.		Pottiaceae	A	P
HYOINV	7	<i>Hyophila involuta</i>	(Hook.) Jaeg.		Pottiaceae	A	P
HYPCUP	3	<i>Hypnum cupressiforme</i>	Hedw.	<i>vars. cupressiforme, filiforme</i> Brid.	Hypnaceae	PI	P
HYPCUR	5	<i>Hypnum curvifolium</i>	Hedw.		Hypnaceae	PI	P
HYPFER	5	<i>Hypnum fertile</i>	Sendtn.		Hypnaceae	PI	P
HYPIMP	5	<i>Hypnum imponens</i>	Hedw.		Hypnaceae	PI	P
HYPLIN	6	<i>Hypnum lindbergii</i>	Mitt.		Hypnaceae	PI	P
HYPPAL	3	<i>Hypnum pallescens</i>	(Hedw.) P. Beauv.	<i>var. pallescens</i>	Hypnaceae	PI	P
HYPPRA	10	<i>Hypnum pratense</i>	(Rabenh.) W. Koch <i>ex</i> Spruce		Hypnaceae	PI	P
ISOMUE	7	<i>Isopterygiopsis muelleriana</i>	(Schimp.) Iwats.		Hypnaceae	PI	P
ISOPUL	6	<i>Isopterygiopsis pulchella</i>	(Hedw.) Iwats.		Hypnaceae	PI	P
ISOTEN	5	<i>Isopterygium tenerum</i>	(Sw.) Mitt.		Hypnaceae	PI	P
JAFWRI	1	<i>Jaffueliobryum wrightii</i>	(Sull. <i>in</i> Gray) Ther.		Grimmiaceae	A	P
LEPPYR	1	<i>Leptobryum pyriforme</i>	(Hedw.) Wils.		Bryaceae	A	P
LEPHUM	2	<i>Leptodictyum humile</i>	(P. Beauv.) Ochyra		Amblystegiaceae	PI	P
LEPRIP	2	<i>Leptodictyum riparium</i>	(Hedw.) Warnst.		Amblystegiaceae	PI	P

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Acronym	CofC	Scientific Name	Authority	Variety	Family	Form	Life Cycle
LESGRA	3	<i>Leskea gracilescens</i>	Hedw.		Leskeaceae	PI	P
LESOBS	3	<i>Leskea obscura</i>	Hedw.		Leskeaceae	PI	P
LESPOL	4	<i>Leskea polycarpa</i>	Hedw.		Leskeaceae	PI	P
LESNER	5	<i>Leskeella nervosa</i>	(Brid.) Loeske		Leskeaceae	PI	P
LEUALB	3	<i>Leucobryum albidum</i>	(Brid. ex P. Beauv.) Lindb.		Leucobryaceae	A	P
LEUGLA	4	<i>Leucobryum glaucum</i>	(Hedw.) Angstr. in Fries		Leucobryaceae	A	P
LEUBRA	8	<i>Leucodon brachypus</i>	Brid.	vars. <i>brachypus</i> , <i>andrewsianus</i> Crum & Anderson	Leucodontaceae	PI	P
LEUJUL	5	<i>Leucodon julaceus</i>	(Hedw.) Sull.		Leucodontaceae	PI	P
LIMCOS	7	<i>Limprichtia cossonii</i>	(Schimp.) Anderson <i>et al.</i>		Amblystegiaceae	PI	P
LIMREV	10	<i>Limprichtia revolvens</i>	(Sw.) Loeske		Amblystegiaceae	PI	P
LINBRA	3	<i>Lindbergia brachyptera</i>	(Mitt.) Kindb.		Leskeaceae	PI	P
LOEBRE	8	<i>Loeskeobryum brevirostre</i>	(Brid.) Fleisch. in Broth.		Hylocomiaceae	PI	P
MEELON	9	<i>Meesia longiseta</i>	Hedw.		Messiaceae	A	P
MICAUS	2	<i>Micromitrium austinii</i>	Sull. in Aust.		Ephemeraceae	A	A/E
MICSYN	ua	<i>Micromitrium synoicum</i>	(James) Aust. in Sull.		Ephemeraceae	A	A/E
MNIAMB	9	<i>Mnium ambiguum</i>	H. Mull.		Mniaceae	A	P
MNIHOR	9	<i>Mnium hornum</i>	Hedw.		Mniaceae	A	p
MNIMAR	8	<i>Mnium marginatum</i>	(With.) Brid. ex P. Beauv.		Mniaceae	A	P
MNISPI	8	<i>Mnium spinulosum</i>	Bruch & Schimp. in BSG		Mniaceae	A	P

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MNISTE	4	<i>Mnium stellare</i>	Hedw.		Mniaceae	A	P
MNITHO	6	<i>Mnium thomsonii</i>	Schimp.		Mniaceae	A	P
MYUSIB	6	<i>Myurella sibirica</i>	(C. Mull.) Reim		Pterigynandraceae	PI	P
NECPEN	10	<i>Neckera pennata</i>	Hedw.		Neckeraceae	PI	P
ORTANO	4	<i>Orthotrichum anomalum</i>	Hedw.		Orthotrichaceae	A	P
ORTDIA	ua	<i>Orthotrichum diaphanum</i>	Brid.		Orthotrichaceae	A	P
ORTOBT	4	<i>Orthotrichum obtusifolium</i>	Brid.		Orthotrichaceae	A	P
ORTOHI	4	<i>Orthotrichum ohioense</i>	Sull. & Lesq. <i>in Aust.</i>		Orthotrichaceae	A	P
ORTPUM	4	<i>Orthotrichum pumilum</i>	Sw.		Orthotrichaceae	A	P
ORTPUS	3	<i>Orthotrichum pusillum</i>	Mitt.		Orthotrichaceae	A	P
ORTSOR	ua	<i>Orthotrichum sordidum</i>	Sull. & Lesq. <i>in Aust.</i>		Orthotrichaceae	A	P
ORTSPE	ua	<i>Orthotrichum speciosum</i>	Nees <i>in Sturm</i>	<i>var. elegans</i> (Schwaegr. ex Hook. & Grev.) Warnst.	Orthotrichaceae	A	P
ORTSTE	4	<i>Orthotrichum stellatum</i>	Brid.		Orthotrichaceae	A	P
ORTSTR	5	<i>Orthotrichum strangulatum</i>	P. Beauv.		Orthotrichaceae	A	P
OXYTEN	5	<i>Oxystegus tenuirostris</i>	(Hook. & Tayl.) A.J. E. Sm.		Pottiaceae	A	P
PALCOM	8	<i>Palustriella commutata</i>	(Brid.) Ochyra		Amblystegiaceae	PI	P
PARLON	ua	<i>Paraleucobryum longifolium</i>	(Hedw.) Loeske		Dicranaceae	A	P
PHACUS	1	<i>Phascum cuspidatum</i>	Hedw.		Pottiaceae	A	P
PHIFOC	9	<i>Philonotis fontana</i>	(Hedw.) Brid.	<i>var. caespitosa</i> (Jur.) Schimp.	Bartamiaceae	A	P

APPENDIX B
OHIO MOSS DATABASE

Acronym	CofC	Scientific Name	Authority	Variety	Family	Form	Life Cycle
PHIFON	4	<i>Philonotis fontana</i>	(Hedw.) Brid.	<i>var. fontana</i>	Bartramiaceae	A	P
PHILON	6	<i>Philonotis longiseta</i>	(Michx.) Britt.		Bartramiaceae	A	P
PHIMAR	5	<i>Philonotis marchica</i>	(Hedw.) Brid.		Bartramiaceae	A	P
PHIMUH	4	<i>Philonotis muhlenbergii</i>	(Schwaegr.) Brid.		Bartramiaceae	A	P
PHYPAT	2	<i>Physcomitrella patens</i>	(Hedw.) Bruch & Schimp. <i>in</i> BSG		Funariaceae	A	A/E
PHYHOO	ua	<i>Physcomitrium hookeri</i>	Hampe		Funariaceae	A	A/E
PHYIMM	3	<i>Physcomitrium immersum</i>	Sull.		Funariaceae	A	A/E
PHYPYR	1	<i>Physcomitrium pyriforme</i>	(Hedw.) Hampe		Funariaceae	A	A/E
PLACIL	5	<i>Plagiomnium ciliare</i>	(C. Mull.) T. Kop.		Mniaceae	A	P
PLACUS	2	<i>Plagiomnium cuspidatum</i>	(Hedw.) T. Kop.		Mniaceae	A	P
PLADRU	5	<i>Plagiomnium drummondii</i>	(Bruch & Schimp.) T. Kop.		Mniaceae	A	P
PLAELL	7	<i>Plagiomnium ellipticum</i>	(Brid.) T. Kop.		Mniaceae	A	P
PLAMED	6	<i>Plagiomnium medium</i>	(Bruch & Schimp. <i>in</i> BSG) T. Kop.		Mniaceae	A	P
PLAROS	6	<i>Plagiomnium rostratum</i>	(Schrad.) T. Kop.		Mniaceae	A	P
PLACAV	5	<i>Plagiothecium cavifolium</i>	(Brid.) Iwats.		Plagiotheciaceae	PI	P
PLADEN	4	<i>Plagiothecium denticulatum</i>	(Hedw.) Schimp. <i>in</i> BSG		Plagiotheciaceae	PI	P
PLALAE	4	<i>Plagiothecium laetum</i>	Schimp. <i>in</i> BSG		Plagiotheciaceae	PI	P
PLALAT	9	<i>Plagiothecium latebricola</i>	Schimp. <i>in</i> BSG		Plagiotheciaceae	PI	P
PLACON	5	<i>Platydictya confervoides</i>	(Brid.) Crum		Hypnaceae	PI	P

APPENDIX B
OHIO MOSS DATABASE

Acronym	CofC	Scientific Name	Authority	Variety	Family	Form	Life Cycle
PLAJUN	5	<i>Platydictya jungermannioides</i>	(Brid.) Crum		Hypnaceae	PI	P
PLAMIN	5	<i>Platydictya minutissima</i>	(Sull. & Lesq. in Sull.) Crum		Hypnaceae	PI	P
PLASUB	ua	<i>Platydictya subtilis</i>	(Hedw.) Crum		Hypnaceae	PI	P
PLAREP	3	<i>Platygyrium repens</i>	(Brid.) Schimp. <i>in</i> BSG		Hypnaceae	PI	P
PLARIP	7	<i>Platyhypnidium riparioides</i>	(Hedw.) Dix.		Brachytheciaceae	PI	P
PLALES	7	<i>Platylorella lescurii</i>	(Sull. <i>in</i> Gray) Andrews		Amblystegiaceae	PI	P
PLEACU	ua	<i>Pleuridium acuminatum</i>	Lindb.		Ditrichaceae	A	A/E
PLERAV	ua	<i>Pleuridium ravenelii</i>	Aust.		Ditrichaceae	A	A/E
PLESUB	2	<i>Pleuridium subulatum</i>	(Hedw.) Rabenh.		Ditrichaceae	A	A/E
PLESCH	3	<i>Pleurozium schreberi</i>	(Brid.) Mitt.		Hylocomiaceae	PI	P
POGBRA	ua	<i>Pogonatum brachyphyllum</i>	(Michx.) P. Beauv.		Polytrichaceae	PI	A/E
POGPEN	4	<i>Pogonatum pensilvanicum</i>	(Hedw.) P. Beauv.		Polytrichaceae	PI	A/E
POHANN	2	<i>Pohlia annotina</i>	(Hedw.) Lindb.		Bryaceae	A	P
POHATR	ua	<i>Pohlia atropurpurea</i>	(Wahlenb. in Furnr.) H. Lindb.		Bryaceae	A	P
POHELO	10	<i>Pohlia elongata</i>	Hedw.	<i>var. elongata</i>	Bryaceae	A	P
POHLES	ua	<i>Pohlia lescuriana</i>	(Sull.) Grout		Bryaceae	A	P
POHMEL	2	<i>Pohlia melanodon</i>	(Brid.) Shaw		Bryaceae	A	P
POHNUT	1	<i>Pohlia nutans</i>	(Hedw.) Lindb.		Bryaceae	A	P
POHWAH	3	<i>Pohlia wahlenbergii</i>	(Web. & Mohr) Andrews		Bryaceae	A	P

APPENDIX B
OHIO MOSS DATABASE

Acronym	CofC	Scientific Name	Authority	Variety	Family	Form	Life Cycle
POLCOM	3	<i>Polytrichum commune</i>	Hedw.	vars. <i>commune</i> , <i>perigonale</i> (Michx.) Hampe	Polytrichaceae	A	P
POLFOR	ua	<i>Polytrichum formosum</i>	Hedw.		Polytrichaceae	A	P
POLJUN	4	<i>Polytrichum juniperinum</i>	Hedw.		Polytrichaceae	A	P
POLLON	3	<i>Polytrichum longisetum</i>	Brid.		Polytrichaceae	A	P
POLOHI	2	<i>Polytrichum ohioense</i>	Ren. & Card.		Polytrichaceae	A	P
POLPAL	3	<i>Polytrichum pallidisetum</i>	Funck		Polytrichaceae	A	P
POLPIL	5	<i>Polytrichum piliferum</i>	Hedw.		Polytrichaceae	A	P
POTTRU	1	<i>Pottia truncata</i>	(Hedw.) Furnr. ex BSG		Pottiaceae	A	P
PSEDIS	7	<i>Pseudotaxiphyllum distichaceum</i>	(Mitt.) Iwats.		Hypnaceae	PI	P
PSEELE	6	<i>Pseudotaxiphyllum elegans</i>	(Brid.) Iwats.		Hypnaceae	PI	P
PTICRI	9	<i>Ptilium crista-castrensis</i>	(Hedw.) De Not.		Hypnaceae	PI	P
PTYDRU	3	<i>Ptychomitrium drummondii</i>	(Wils.) Sull.		Ptychomitriaceae	A	P
PTYINC	3	<i>Ptychomitrium incurvum</i>	(Schwaegr.) Spruce		Ptychomitriaceae	A	P
PYLTEN	4	<i>Pylaisiadelpha tenuirostris</i>	(Bruch & Schimp. ex Sull.) Buck		Hypnaceae	PI	P
PYLINT	4	<i>Pylaisiella intricata</i>	(Hedw.) Grout		Hypnaceae	PI	P
PYLPOL	4	<i>Pylaisiella polyantha</i>	(Hedw.) Grout		Hypnaceae	pL	P
PYLSEL	5	<i>Pylaisiella selwynii</i>	(Kindb.) Crum <i>et. al</i>		Hypnaceae	PI	P
RACACI	8	<i>Racomitrium aciculare</i>	(Hedw.) Brid.		Grimmiaceae	PI	P
RACHET	8	<i>Racomitrium heterostichum</i>	(Hedw.) Brid.		Grimmiaceae	PI	P

APPENDIX B
OHIO MOSS DATABASE

Acronym	CofC	Scientific Name	Authority	Variety	Family	Form	Life Cycle
RAUSCI	5	<i>RauIELla scita</i>	(P. Beauv.) Reim.		Thuidiaceae	PI	P
RHACRI	9	<i>Rhabdoweisia crispata</i>	(With.) Lindb.		Dicranaceae	A	P
RHIAPP	8	<i>Rhizomnium appalachianum</i>	T. Kop.		Mniaceae	A	P
RHIMAG	7	<i>Rhizomnium magnifolium</i>	(Horik.) T. Kop.		Mniaceae	A	P
RHIPUN	5	<i>Rhizomnium punctatum</i>	(Hedw.) T. Kop.		Mniaceae	A	P
RHOROS	4	<i>Rhodobryum roseum</i>	(Hedw.) Limpr.		Bryaceae	A	P
RHYTRI	9	<i>Rhytidiadelphus triquetrus</i>	(Hedw.) Warnst.		Hylocomiaceae	PI	P
RHYRUG	4	<i>Rhytidium rugosum</i>	(Hedw.) Kindb.		Rhytidiaceae	PI	P
SAEGLA	3	<i>Saelania glaucescens</i>	(Hedw.) Broth. in Bomanss. & Broth.		Ditrichaceae	A	P
SANUNC	ua	<i>Sanionia uncinata</i>	(Hedw.) Loeske		Amblystegiaceae	PI	P
SCHAPO	1	<i>Schistidium apocarpum</i>	(Hedw.) Bruch & Schimp. in BSG		Grimmiaceae	A	P
SCHRIV	1	<i>Schistidium rivulare</i>	(Brid.) Podp.	var. <i>rivulare</i>	Grimmiaceae	A	P
SCHPEN	8	<i>Schistostega pennata</i>	(Hedw.) Web. & Mohr		Schistostegiaceae	A	A/E
SCHFAB	5	<i>Schwetschkeopsis fabronia</i>	(Schwaegr.) Broth.		Myriniaceae	PI	P
SCOSCO	10	<i>Scorpidium scorpioides</i>	(Hedw.) Limpr.		Amblystegiaceae	PI	P
SELCAL	5	<i>Seligeria calcarea</i>	(Hedw.) Bruch & Schimp. in BSG		Seligeriaceae	A	P
SELCAM	4	<i>Seligeria campylopoda</i>	Kindb. in Mac. & Kindb.		Seligeriaceae	A	P
SELDON	5	<i>Seligeria donniana</i>	(Sm.) C. Mull.		Seligeriaceae	A	P
SELPUS	ua	<i>Seligeria pusilla</i>	(Hedw.) Bruch & Schimp. in BSG		Seligeriaceae	A	P

APPENDIX B
OHIO MOSS DATABASE

Acronym	CofC	Scientific Name	Authority	Variety	Family	Form	Life Cycle
SELREC	5	<i>Seligeria recurvata</i>	(Hedw.) Bruch & Schimp. <i>in</i> BSG		Seligeriaceae	A	P
SEMADN	4	<i>Sematophyllum adnatum</i>	(Michx.) Britt		Sematophyllaceae	PI	P
SEMDM	6	<i>Sematophyllum demissum</i>	(Wils.) Mitt.		Sematophyllaceae	PI	P
SEMMAR	8	<i>Sematophyllum marylandicum</i>	(C. Mull.) Britt.		Sematophyllaceae	PI	P
SPHAFF	8	<i>Sphagnum affine</i>	Ren. & Card.		Sphagnaceae	A	P
SPHBAR	7	<i>Sphagnum bartlettianum</i>	Warnst.		Sphagnaceae	A	P
SPHCAP	4	<i>Sphagnum capillifolium</i>	(Ehrh.) Hedw.		Sphagnaceae	A	P
SPHCEN	9	<i>Sphagnum centrale</i>	C. Jens. <i>in</i> Arnell & C. Jens.		Sphagnaceae	A	P
SPHCOM	7	<i>Sphagnum compactum</i>	DC. <i>in</i> Lam. & DC.		Sphagnaceae	A	P
SPHCON	ua	<i>Sphagnum contortum</i>	Schultz		Sphagnaceae	A	P
SPHCUS	8	<i>Sphagnum cuspidatum</i>	Ehrh. <i>ex</i> Hoffm.		Sphagnaceae	A	P
SPHFAL	5	<i>Sphagnum fallax</i>	(Klinggr.) Klinggr.		Sphagnaceae	A	P
SPHFIM	3	<i>Sphagnum fimbriatum</i>	Wils. <i>in</i> Wils. & Hook. f. <i>in</i> Hook. f.	<i>var. fimbriatum</i>	Sphagnaceae	A	P
SPHFUS	6	<i>Sphagnum fuscum</i>	(Schimp.) Klinggr.		Sphagnaceae	A	P
SPHGIR	5	<i>Sphagnum girgensohnii</i>	Russ.		Sphagnaceae	A	P
SPHLES	8	<i>Sphagnum lescurii</i>	Sull. <i>in</i> Gray		Sphagnaceae	A	P
SPHMAG	7	<i>Sphagnum magellanicum</i>	Brid.		Sphagnaceae	A	P
SPHPAL	3	<i>Sphagnum palustre</i>	L.		Sphagnaceae	A	P
SPHPAP	7	<i>Sphagnum papillosum</i>	Lindb.		Sphagnaceae	A	P

APPENDIX B
OHIO MOSS DATABASE

Acronym	CofC	Scientific Name	Authority	Variety	Family	Form	Life Cycle
SPHREC	5	<i>Sphagnum recurvum</i>	P. Beauv.		Sphagnaceae	A	P
SPHRIP	6	<i>Sphagnum riparium</i>	Angstr.		Sphagnaceae	A	P
SPHRUB	10	<i>Sphagnum rubellum</i>	Wils.		Sphagnaceae	A	P
SPHRUS	5	<i>Sphagnum russowii</i>	Warnst.		Sphagnaceae	A	P
SPHSQU	5	<i>Sphagnum squarrosum</i>	Crome		Sphagnaceae	A	P
SPHSUN	10	<i>Sphagnum subnitens</i>	Russ. & Warnst. <i>in</i> Warnst.		Sphagnaceae	A	P
SPHSUS	7	<i>Sphagnum subsecundum</i>	Nees <i>in</i> Sturm	<i>var. subsecundum</i>	Sphagnaceae	A	P
SPHTER	7	<i>Sphagnum teres</i>	(Shchimp.) Angstr. <i>in</i> Hartm.		Sphagnaceae	A	P
SPHWAR	10	<i>Sphagnum warnstorffii</i>	Russ.		Sphagnaceae	A	P
SPHWUL	8	<i>Sphagnum wulfianum</i>	Girg.		Sphagnaceae	A	P
SPLAMP	ua	<i>Splachnum ampullaceum</i>	Hedw.		Splachnaceae	A	A/E
STESER	3	<i>Steerecleus serrulatus</i>	(Hedw.) Robins.		Brachytheciaceae	PI	P
SYRTEX	7	<i>Syrrhopodon texanus</i>	Sull.		Calymperaceae	A	P
TAXDEP	6	<i>Taxiphyllum deplanatum</i>	(Bruch & Schimp. ex Sull.) Fleisch.		Hypnaceae	PI	P
TAXTAX	4	<i>Taxiphyllum taxirameum</i>	(Mitt.) Fleisch.		Hypnaceae	PI	P
TETPEL	4	<i>Tetraphis pellucida</i>	Hedw.		Tetraphidaceae	A	P
TETBRO	10	<i>Tetradontium brownianum</i>	(Dicks.) Schwaegr.		Tetraphidaceae	A	P
THAALL	10	<i>Thamnobryum alleghaniense</i>	(C. Mull.) Nieuwl.		Thamnobryaceae	PI	P
THEASP	5	<i>Thelia asprella</i>	Sull. <i>in</i> Sull. & Lesq.		Theliaceae	PI	P

APPENDIX B
OHIO MOSS DATABASE

Acronym	CofC	Scientific Name	Authority	Variety	Family	Form	Life Cycle
THEHIR	5	<i>Thelia hirtella</i>	(Hedw.) Sull. <i>in</i> Sull. & Lesq.		Theliaceae	PI	P
THELES	4	<i>Thelia lescurii</i>	Sull. <i>in</i> Sull. & Lesq.		Theliaceae	PI	P
THUALL	8	<i>Thuidium allenii</i>	Aust.		Thuidiaceae	PI	P
THUDEL	3	<i>Thuidium delicatulum</i>	(Hedw.) Schimp. <i>in</i> BSG		Thuidiaceae	PI	P
THUREC	4	<i>Thuidium recognitum</i>	(Hedw.) Lindb.		Thuidiaceae	PI	P
TIMMEG	4	<i>Timmia megapolitana</i>	Hedw.	<i>var. megapolitana</i>	Timmiaceae	A	P
TOMNIT	10	<i>Tomentypnum nitens</i>	(Hedw.) Loeske		Brachytheciaceae	PI	P
TORHUM	3	<i>Tortella humilis</i>	(Hedw.) Jenn.		Pottiaceae	A	P
TORINC	6	<i>Tortella inclinata</i>	(Hedw. f.) Limpr.		Pottiaceae	A	P
TORTOR	7	<i>Tortella tortuosa</i>	(Hedw.) Limpr.		Pottiaceae	A	P
TORMUC	5	<i>Tortula mucronifolia</i>	Schwaegr.		Pottiaceae	A	P
TORMUR	2	<i>Tortula muralis</i>	Hedw.		Pottiaceae	A	P
TORPAG	2	<i>Tortula pagorum</i>	(Milde) De Not.		Pottiaceae	A	P
TORPAP	3	<i>Tortula papillosa</i>	Wils. <i>in</i> Spruce		Pottiaceae	A	P
TORRUR	3	<i>Tortula ruralis</i>	(Hedw.) Gaertn. <i>et al.</i>		Pottiaceae	A	P
ULOCOA	ua	<i>Ulota coarctata</i>	(P. Beauv.) Hammar		Orthotrichaceae	A	P
ULOCRI	5	<i>Ulota crispa</i>	(Hedw.) Brid.		Orthotrichaceae	A	P
ULOCUR	ua	<i>Ulota curvifolia</i>	(Wahlenb.) Lilj.		Orthotrichaceae	A	P
ULOHUT	4	<i>Ulota hutchinsiae</i>	(Sm.) Hammar	<i>var. hutchinsiae</i>	Orthotrichaceae	A	P

APPENDIX B
OHIO MOSS DATABASE

Acronym	CofC	Scientific Name	Authority	Variety	Family	Form	Life Cycle
WAREXA	ua	<i>Warnstorfia exannulata</i>	(Schimp. <i>in</i> BSG) Loeske	<i>var. exannulata</i>	Amblystegiaceae	PI	P
WARFLU	7	<i>Warnstorfia fluitans</i>	(Hedw.) Loeske		Amblystegiaceae	PI	P
WEICON	1	<i>Weissia controversa</i>	Hedw.		Pottiaceae	A	P
WEIHED	ua	<i>Weissia hedwigii</i>	Crum		Pottiaceae	A	P
WEISHA	10	<i>Weissia sharpii</i>	Anderson & Lemmon		Pottiaceae	A	P
ZYGVIR	ua	<i>Zygodon viridissimus</i>	(Dicks.) Brid.	<i>var. viridissimus</i>	Orthotrichaceae	A	P

APPENDIX C
SELECTED SYNONYMS
OHIO VASCULAR PLANT DATABASE

SYNONYMS

Acalypha virginica var. *deamii* Weath.
Acalypha virginica var. *rhomboidea* (Raf.) Cooperr.
Acalypha virginica var. *virginica* L.
Actaea pachypoda Elliott
Actinomeris alternifolia (L.) DC.
Aesculus octandra Marshall
Agalinis auriculata (Michx.) S.F. Blake
Agave virginica L.
Ageratina altissima (L.) R.M. King & H. Rob.
Ageratina aromatica (L.) Spach
Agropyron repens (L.) P. Beauv.
Agropyron trachycaulum (Link) Malte ex H.F. Lewis
Agrostis alba L.
Agrostis capillaris L.
Agrostis stolonifera L. var. *major* (Gaud.) Farw.
Agrostis stolonifera L. var. *stolonifera*
Alcea rosea L.
Alisma plantago-aquatica L. var. *americanum* Schult. & Schult. f.
Alisma plantago-aquatica L. var. *parviflorum* (Pursh) Torr.
Alliaria officinalis Andrz.
Alnus incana (L.) Moench subsp. *rugosa* (Du Roi) R.T. Clausen
Alnus rugosa Du Roi
Amaranthus graecizans L.
Amaranthus tamariscinus Nutt.
Anagalis minima (L.) Krause
Andromeda polifolia L. var. *glaucophylla* (Link) DC.
Andropogon elliotii Chapm.
Andropogon furcatus Muhl.

OHIO FQAI DATABASE NAME

Acalypha deamii (Weath.) Ahles.
Acalypha rhomboidea Raf.
Acalypha virginica L.
Actaea alba (L.) Mill.
Verbesina alternifolia (L.) Britton ex Kearney
Aesculus flava Aiton
Tomanthera auriculata (Michx.) Raf.
Manfreda virginica (L.) Salisb.
Eupatorium rugosum Houtt.
Eupatorium aromaticum L.
Elytrigia repens (L.) Desv. ex B.D. Jacks
Elymus trachycaulus (Link) Gould ex Shinners
Agrostis gigantea Roth
Agrostis tenuis L.
Agrostis gigantea Roth
Agrostis stolonifera L.
Althaea rosea (L.) Cav.
Alisma triviale Pursh
Alisma subcordatum Raf.
Alliaria petiolata (M. Bieb.) Cavara & Grande
Alnus incana (L.) Moench
Alnus incana (L.) Moench
Amaranthus blitoides S. Watson
Amaranthus rudis Sauer
Centunculus minimus L.
Andromeda glaucophylla Link.
Andropogon gyrans Ashe
Andropogon gerardii Vitman

APPENDIX C
SELECTED SYNONYMS
OHIO VASCULAR PLANT DATABASE

Andropogon scoparius Michx.

Andropogon virginicus L.

Andropogon virginicus var. *abbreviatus* (Hack.) Fernald & Griscom

Apocynum cannabinum L. var. *hypericifolium* A. Gray

Argentina anserina (L.) Rydb.

Arisaema atrorubens (Aiton) Blume

Arisaema stewardsonii Britton

Aristida longespica Poir.

Aristida necopina Shinnery

Armoracia aquatica (Eaton) Britton

Arnoglossum atriplicifolium (L.) H. Rob.

Arnoglossum muhlenbergii (Sch. Bip.) H. Rob.

Arnoglossum plantagineum Raf.

Artemisia caudata Michx.

Ascyrum hypericoides L. var. *multicaule* (Michx. ex Willd.) Fernald

Aster azureus Lindl.

Aster cordifolius L. var. *sagittifolius* (Wedem. ex Willd.) A.G. Jones

Aster junciformis Rydb.

Aster ptarmicoides (Nees) Torr. and A. Gray

Aster puniceus L. var. *firmus* (Nees) Torr. & A. Gray

Aster simplex Willd.

Aster vimineus Lam.

Balsamita major Desf.

Baptisia lactea (Raf.) Thieret var. *macrophylla* (Larisey) Isely

Baptisia leucantha Torr. & A. Gray

Betula lutea F. Michx.

Bidens tripartita L.

Brachyelytrum septentrionale (Babel) G. Tucker

Brassica kaber (DC.) L.C. Wheeler

Schizachyrium scoparium (Michx.) Nash var. *scoparium*

Andropogon virginicus L.

Andropogon glomeratus (Walter) B.S.P.

Apocynum sibiricum Jacq.

Potentilla anserina L.

Arisaema triphyllum subsp. *triphyllum* (L.) Schott

Arisaema triphyllum supsp. *stewardsonii* (Britton) Huttleston

Aristida longespica Poir. var. *longespica*

Aristida longespica Poir. var. *geniculata* (Raf.) Fernald

Armoracia lacustris (A. Gray) Al-Sheh. & V.M. Bates

Cacalia atriplicifolia L.

Cacalia muhlenbergii (Schultz-Bip.) Fernald

Cacalia plantaginea (Raf.) Shinnery

Artemisia campestris L. var. *caudata* (Michx.) E.J. Palm. &

Hypericum hypericoides (L.) Crantz

Aster oolentangiensis Riddell

Aster sagittifolius Wedem. ex Willd.

Aster borealis Prov.

Solidago ptarmicoides (Nees) B. Boivin

Aster firmus Nees

Aster lanceolatus Willd.

Aster racemosus Elliott

Chrysanthemum balsamita L.

Baptisia lactea (Raf.) Thieret

Baptisia lactea (Raf.) Thieret

Betula alleghaniensis Britton

Bidens connata Muhl. ex Willd.

Brachyelytrum aristosum (Michx.) Trel.

Sinapsis arvensis L.

APPENDIX C
SELECTED SYNONYMS
OHIO VASCULAR PLANT DATABASE

Brickellia eupatorioides (L.) Shinnery
Bromus altissimus Pursh
Buglossoides arvensis (L.) I.M. Johnst.
Calamagrostis inexpansa A. Gray
Calamagrostis porteri A. Gray subsp. *insperata* (Swallen) C.W. Greene
Callitriche verna L.
Calycanthus fertilis Walter
Camptosorus rhizophyllus (L.) Link
Cardamine bulbosa (Schreb. ex Muhl.) B.S.P.
Carex abscondita Mack.
Carex amphibola Steud. var. *rigida* (L.H. Bailey) Fern.
Carex amphibola Steud. var. *turgida* Fernald
Carex artitecta Mack.
Carex cephalophora Muhl. ex Willd. var. *cephalophora*
Carex cephalophora Muhl. ex Willd. var. *mesochorea* (Mack.) Gleason
Carex complanata Torr. & Hook. var. *hirsuta* (L.H. Bailey) Gleason
Carex convoluta Mack.
Carex crinita Lam. var. *gynandra* (Schwein.) Torr.
Carex emmonsii Dewey ex Torr.
Carex emmonsii Dewey ex Torr. var. *muhlenbergii* (A. Gray) Rettig
Carex flaccosperma Dewey
Carex foena Willd. var. *enervis* Evans & Mohlenb.
Carex grisea Wahlenb. var. *amphibola* (Steud.) Kuk.
Carex howei Mack.
Carex incompta E.P. Bicknell
Carex lanuginosa Michx.
Carex lasiocarpa Ehrh. var. *latifolia* (Boeck.) Gilly
Carex retroflexa Muhl. ex Willd. var. *retroflexa*
Carex retroflexa Muhl. ex Willd. var. *texensis* (G.S. Torr.) Fernald

Kuhnia eupatorioides L.
Bromus latiglumis (Scribn. ex Shear) Hitchc.
Lithospermum arvense L.
Calamagrostis stricta (Timm) Koeler
Calamagrostis insperata Swallen
Callitriche palustris L.
Calycanthus floridus var. *glaucus* (Willd.) Torr. & A. Gray
Asplenium rhizophyllum L.
Cardamine rhomboidea (Pers.) DC.
Carex cumberlandensis Naczi, Cral & Bryson
Carex planispicata Naczi
Carex grisea Wahlenb.
Carex albicans Willd. ex Spreng. var. *albicans*
Carex cephalophora Muhl. ex Willd.
Carex mesochorea Mack.
Carex hirsutella Mack.
Carex rosea Schkuhr ex Willd.
Carex gynandra Schwein.
Carex albicans Willd. ex Spreng. var. *emmonsii* (Dewey ex
Carex albicans Willd. ex Spreng. var. *albicans*
Carex glaucodea Tuck. ex Olney
Carex siccata Dewey
Carex amphibola Steud.
Carex atlantica L.H. Bailey subsp. *capillacea* (L.H. Bailey)
Carex atlantica L.H. Bailey subsp. *atlantica*
Carex pellita Muhl.
Carex pellita Muhl.
Carex retroflexa Muhl. ex Willd.
Carex texensis (Torr. ex L.H. Bailey) L.H. Bailey

APPENDIX C
SELECTED SYNONYMS
OHIO VASCULAR PLANT DATABASE

Carex rosea Schkuhr

Carex rosea Schkuhr var. *radiata* (Wahlenb.) Dewey

Carex rosea Schkuhr var. *radiata* Dewey

Carex rostrata Schkuhr var. *utriculata* (Boott) L.H. Bailey

Carex rugosperma Mack.

Carex sparganioides Muhl. ex Willd. var. *aggregata* (Mack.) Gleason

Carex sparganioides Muhl. ex Willd. var. *cephaloidea* (Dewey) J. Carey

Carex sparganioides Muhl. ex Willd. var. *sparganioides*

Carex tetanica Schkuhr var. *meadii* (Dewey) L.H. Bailey

Carex tetanica Schkuhr var. *tetanica* Schkuhr

Carex vulpinoidea Michx. var. *ambigua* Boott

Carex vulpinoidea Michx. var. *vulpinoidea*

Cassia fasciculata Michx.

Cassia hebecarpa Fernald

Cassia marilandica L.

Cassia nictitans L.

Cenchrus pauciflorus Benth.

Centaurea biebersteinii DC.

Centaurea transalpina Schleich. ex DC.

Cerastium fontanum Baumg.

Cerastium glomeratum Thuill

Ceratocephalus testiculatus (Crantz) Roth

Chamaesyce humistrata (Engelm.) Small

Chamaesyce maculata (L.) Small

Chamaesyce nutans (Lag.) Small

Chamaesyce polygonifolia (L.) Small

Chamaesyce serpens (Kunth) Small

Chamaesyce vermiculata (Raf.) House

Chenopodium hybridum L. var. *gigantospermum* (Aellen) Rouleau

Carex radiata (Wahlenb.) Small

Carex radiata (Wahlenb.) Small

Carex appalachica J.M. Webber & P.W. Ball

Carex utriculata Boott

Carex tonsa (Fernald) E.P. Bicknell

Carex aggregata Mack.

Carex cephaloidea (Dewey) Dewey

Carex sparganioides Muhl. ex Willd.

Carex meadii Dewey

Carex tetanica Schkuhr

Carex annectens (E.P. Bicknell) E.P. Bicknell

Carex vulpinoidea Michx.

Chamaecrista fasciculata (Michx.) Greene

Senna hebecarpa (Fernald) Irwin & Barneby

Senna marilandica (L.) Link

Chamaecrista nictitans (L.) Moench

Cenchrus longispinus (Hack.) Fernald

Centaurea maculosa Lam.

Centaurea dubia Suter

Cerastium vulgatum L.

Cerastium viscosum L.

Ranunculus testiculatus Crantz

Euphorbia humistrata Engelm.

Euphorbia maculata L.

Euphorbia nutans Lagasca

Euphorbia polygonifolia L.

Euphorbia serpens Kunth

Euphorbia vermiculata Raf.

Chenopodium simplex (Torr.) Raf.

APPENDIX C
SELECTED SYNONYMS
OHIO VASCULAR PLANT DATABASE

Circaea quadrisculata (Maxim.) Franch. & Sav.

Cleome spinosa L.

Consolida ajacis (L.) Schur

Corispermum americanum (Nutt.) Nutt. var. *hyssopifolium* Nutt.

Corispermum pallasii Steven

Cornus obliqua Raf.

Cornus stolonifera Michx.

Crataegus rotundifolia Lam.

Cuscuta campestris Yunck.

Cynanchum laeve (Michx.) Pers.

Cynanchum nigrum Kartesz & Ghandi

Cynoglossum boreale Fernald

Cyperus dipsaciformis Fernald

Cyperus engelmannii Steud.

Cyperus ferruginescens Boeck

Cyperus filiculmis Vahl.

Cyperus tenuifolius (Steud.) Dandy

Cypripedium calceolus L. var. *parviflorum* (Salisb.) Fernald

Cypripedium calceolus L. var. *pubescens* (Willd.) Correll

Cystopteris fragilis (L.) Bernh. var. *fragilis*

Cystopteris fragilis (L.) Bernh. var. *mackayi* G. Lawson

Cystopteris fragilis (L.) Bernh. var. *protrusa* Weath.

Delphinium ajacis L.

Dentaria diphylla Michx

Dentaria heterophylla Nutt.

Dentaria laciniata Muhl. ex Willd.

Dentaria multifida Muhl. ex Elliott

Deparia acrosticoides (Sw.) M. Kato

Desmodium obtusum (Muhl. ex Willd.) DC.

Circaea lutetiana L.

Cleome hassleriana Chodat

Delphinium ambiguum L.

Corispermum hyssopifolium L. var. *americanum* Nutt.

Corispermum nitidum Kit. ex Schult.

Cornus amomum Mill.

Cornus sericea L.

Crataegus chrysocarpa Ashe

Cuscuta pentagona Engelm.

Ampelamus albidus (Nutt.) Britton

Vincetoxicum nigrum (L.) Moench

Cynoglossum virginianum L. var. *boreale* (Fernald)

Cyperus retrofractus (L.) Torr.

Cyperus odoratus L.

Cyperus odoratus L.

Cyperus lupulinus (Spreng.) Marcks

Kyllinga pumila Michx.

Cypripedium parviflorum Salisb. var. *parviflorum*

Cypripedium parviflorum Salisb. var. *pubescens* (Willd.)

Cystopteris fragilis (L.) Bernh.

Cystopteris tenuis (Michx.) Desv.

Cystopteris protrusa (Weath.) Blasdell

Delphinium ambiguum L.

Cardamine diphylla (Michx.) A.W. Wood

Cardamine angustata O.E. Schulz

Cardamine concatenata (Michx.) O. Schwarz

Cardamine dissecta (Leavenw.) Al-Sheh.

Athyrium thelypteroides (Michx.) Desv.

Desmodium ciliare (Muhl.) DC.

APPENDIX C
SELECTED SYNONYMS
OHIO VASCULAR PLANT DATABASE

Desmodium rigidum (Elliott) DC.

Dichantherium acuminatum (Sw.) Gould C.A. Clark subsp. *fasciculatum* (Torr.) Freckman

Dichantherium acuminatum (Sw.) Gould & C.A. Clark subsp. *acuminatum*

Dichantherium acuminatum (Sw.) Gould & C.A. Clark subsp. *columbianum* (Scribn.) Freckmann &

Dichantherium acuminatum (Sw.) Gould & C.A. Clark subsp. *implicatum* (Scribn.) Freckmann & LeLong

Dichantherium acuminatum (Sw.) Gould & C.A. Clark subsp. *implicatum* (Scribn.) Freckmann & LeLong

Dichantherium acuminatum (Sw.) Gould & C.A. Clark subsp. *spretum* (Schult.) Freckmann & LeLong

Dichantherium acuminatum (Sw.) Gould & C.A. Clark var. *densiflorum* (Rand. & Ref.) Gould & C.A. Clark

Dichantherium boreale (Nash) Freckmann

Dichantherium boscii (Poir.) Gould & C.A. Clark

Dichantherium clandestinum (L.) Gould

Dichantherium columbianum (Scribn.) Freckmann

Dichantherium commutatum (Schult.) Gould

Dichantherium depauperatum (Muhl.) Gould

Dichantherium dichotomum (L.) Gould subsp. *dichotomum*

Dichantherium dichotomum (L.) Gould subsp. *microcarpon* (Muhl. ex Elliott) Freckmann & LeLong

Dichantherium dichotomum (L.) Gould subsp. *yadkinense* (Ashe) Freckmann & LeLong

Dichantherium latifolium (L.) Harvill

Dichantherium laxiflorum (Lam.) Gould

Dichantherium leibergii (Vasey) Freckmann

Dichantherium linearifolium (Scribn.) Gould

Dichantherium meridionale (Ashe) Freckman

Dichantherium oligosanthes (Schult.) Gould

Dichantherium ovale (Elliott) Gould & C.A. Clark subsp. *pseudopubescens* (Nash) Freckmann & LeLong

Dichantherium ovale (Elliott) Gould & C.A. Clark var. *addisonii* (Nash) Gould & C.A. Clark

Dichantherium ovale (Elliott) Gould & C.A. Clark subsp. *praecocius* (Hitc. & Chase) Freckmann &

Dichantherium perlongum (Nash) Freckmann

Dichantherium polyanthes (Schult.) Mohlen.

Dichantherium sabulorum (Lam.) Gould & C.A. Clark var. *thinium* (A.S. Hitc. & Chase) Gould & C.A.

Desmodium obtusum (Muhl. ex Willd.) DC.

Panicum lanuginosum Elliott

Panicum acuminatum Sw.

Panicum columbianum Scribn.

Panicum implicatum Scribn.

Panicum meridionale Ashe

Panicum spretum Schult.

Panicum spretum Schult.

Panicum boreale Nash

Panicum boscii Poir.

Panicum clandestinum L.

Panicum columbianum Scribn.

Panicum commutatum Schult.

Panicum depauperatum Muhl.

Panicum dichotomum L.

Panicum microcarpon Muhl. ex Elliott

Panicum yadkinense Ashe

Panicum latifolium L.

Panicum laxiflorum Lam.

Panicum leibergii (Vasey) Scribn.

Panicum linearifolium Scribn.

Panicum meridionale Ashe

Panicum oligosanthes Schult.

Panicum commonsianum Ashe

Panicum commonsianum Ashe

Panicum praecocius Hitc. & Chase

Panicum perlongum Nash

Panicum polyanthes Schult.

Panicum columbianum Scribn.

APPENDIX C
SELECTED SYNONYMS
OHIO VASCULAR PLANT DATABASE

- Dichantherium scoparium* (Lam.) Gould
Dichantherium sphaerocarpon (Elliott) Gould
Dichantherium sphaerocarpon (Elliott) Gould var. *isophyllum* (Scribn.) Gould & C.A. Clark
Dichantherium sphaerocarpon (Elliott) Gould var. *sphaerocarpon*
Dichantherium spretum (Schult.) Freckmann
Dichantherium villosissimum (Nash) Freckmann var. *praecocius* (Hitcch.) Freckmann
Diplazium acrostichoides (Sw.) Butters
Diplazium pycnocarpon (Spreng.) M. Broun
Dipsacus sylvestris Huds.
Disporum lanuginosum (Michx.) G. Nicholson
Disporum maculatum (Buckley) Britton
Draba verna L.
Dryopteris austriaca (Jacq.) Woyn. ex Schinz & Thell. var. *intermedia* (Muhl. ex Willd.) C.V. Morton
Dryopteris cristata (L.) A. Gray var. *clintoniana* (D.C. Eaton) Underw.
Dryopteris noveboracensis (L.) Gray
Dryopteris spinulosa (O.F. Miller) Watt
Dryopteris thelypteris (L.) Sw.
Echinodorus rostratus (Nutt.) Engelm. ex A. Gray
Elatine brachysperma A. Gray
Elatine triandra Schkuhr var. *brachysperma* (A. Gray) Fassett
Eleocharis calva Torr.
Eleocharis caribea (Rott.) S.F. Blake
Eleocharis elliptica Kunth var. *compressa* (Sull.) Drep. & Mohl.
Eleocharis olivacea Torr.
Eleocharis ovata (Roth) Roem. & Schult. var. *engelmannii* (Steud.) Britton
Eleocharis palustris L.
Eleocharis pauciflora (Lightf.) Link
Eleocharis smallii Britton
Eleocharis tenuis (Willd.) Schult.
- Panicum scoparium* Lam.
Panicum sphaerocarpon Elliott
Panicum polyanthes Schult.
Panicum sphaerocarpon Elliott
Panicum spretum Schult.
Panicum praecocius Hitcch. & Chase
Athyrium thelypteroides (Michx.) Desv.
Athyrium pycnocarpon (Spreng.) Tidestr.
Dipsacus fullonum L.
Prosartes lanuginosa (Michx.) D. Don
Prosartes maculata (Buckley) A. Gray
Erophila verna (L.) Besser
Dryopteris intermedia (Muhl. ex Willd.) A. Gray
Dryopteris clintoniana (DC. Eaton) Dowell
Thelypteris noveboracensis (L.) Nieuwl.
Dryopteris carthusiana (Vill.) H.P. Fuchs
Thelypteris palustris Schott
Echinodorus berteroi (Spreng.) Fassett
Elatine triandra Schkuhr
Elatine triandra Schkuhr
Eleocharis erythropoda Steud.
Eleocharis geniculata (L.) Roem. & Schult.
Eleocharis compressa Sull.
Eleocharis flavescens (Poir.) Urb. var. *olivacea* (Torr.)
Eleocharis engelmannii Steud.
Eleocharis erythropoda Steud.
Eleocharis quinqueflora (Hartmann) O. Scharz
Eleocharis palustris Britton
Eleocharis tenuis (Willd.) Schult. var. *tenuis*

APPENDIX C
SELECTED SYNONYMS
OHIO VASCULAR PLANT DATABASE

Eleocharis tenuis (Willd.) Schult. var. *borealis* (Svenson) Gleason

Eleocharis verrucosa (Svenson) Svenson

Elymus repens (L.) Gould

Erianthus alopecuroides (L.) Elliott

Eriocaulon pellucidum Michx.

Eriocaulon septangulare With.

Erysimum arkansanum Nutt.

Erysimum capitatum (Douglas ex Hook.) Greene

Eulalia viminea (Trin.) Kuntze

Euphorbia supina Raf.

Euthamia tenuifolia (Pursh) Nutt. var. *tenuifolia*

Fagopyrum sagittatum Gilib.

Festuca arundinacea Schreb.

Festuca obtusa Biehler

Festuca octoflora Walter

Frangula alnus Mill.

Frangula caroliniana (Walter) A. Gray

Fraxinus tomentosa F. Michx.

Galearis spectabilis (L.) Raf.

Gentiana alba Muhl. ex Nutt.

Gentiana cherokeensis (W.P. Lemmon) Fernald

Gentiana crinita Froel.

Gentiana procera T. Holm

Gentiana quinquefolia L.

Gentiana saponaria L. var. *saponaria*

Gerardia flava L.

Gerardia gattingeri Small

Gerardia laevigata Raf.

Gerardia paupercula (A. Gray) Britton

Eleocharis elliptica Kunth

Eleocharis tenuis (Willd.) Schult. var. *verrucosa* (Svenson)

Elytrigia repens (L.) Desv. ex B.D. Jacks

Saccharum alopecuroidum (L.) Nutt.

Eriocaulon aquaticum (Hill) Druce

Eriocaulon aquaticum (Hill) Druce

Erysimum aspera (Nutt.) DC. var. *aspera*

Erysimum aspera (Nutt.) DC. var. *aspera*

Microstegium vimineum (Trin.) A. Camus

Euphorbia maculata L.

Euthamia remota Greene

Fagopyrum esculentum Moench

Festuca elatior L.

Festuca subverticillata (Pers.) E. Alexeev

Vulpia octoflora (Walter) Rydb.

Rhamnus frangula L.

Rhamnus caroliniana Walter

Fraxinus profunda (Bush) Bush

Orchis spectabilis L.

Gentiana flavida A. Gray

Gentiana saponaria L.

Gentianopsis crinita (Froelich) Ma

Gentianopsis procera (T. Holm) Ma

Gentianella quinquefolia (L.) Small

Gentiana saponaria L.

Aureolaria flava (L.) Farw.

Agalinis gattingeri (Small) Small ex Britton

Aureolaria laevigata (Raf.) Raf.

Agalinis purpurea (L.) Pennell var. *parviflora* (Benth.) B.

APPENDIX C
SELECTED SYNONYMS
OHIO VASCULAR PLANT DATABASE

- Gerardia pedicularia* L.
Gerardia pedicularia L.
Gerardia purpurea L.
Gerardia skinneriana Wood
Gerardia tenuifolia Vahl.
Gerardia virginica (L.) B.S.P.
Glyceria pallida (Torr.) Trin.
Gnaphalium viscosum Kunth
Habenaria blephariglottis (Willd.) Hook.
Habenaria ciliaris (L.) R. Br. ex W.T. Aiton
Habenaria clavellata (Michx.) Spreng.
Habenaria flava (L.) R. Br.
Habenaria hookeri Torr. ex A. Gray
Habenaria hyperborea (L.) R. Br. ex W.T. Aiton
Habenaria lacera (Michx.) R. Br.
Habenaria leucophaea (Nutt.) A. Gray
Habenaria orbiculata (Pursh) Torr.
Habenaria peramoena A. Gray
Habenaria psycodes (L.) Spreng. var. *grandiflora* (Bigelow) A. Gray
Habenaria psycodes (L.) Spreng. var. *psycodes*
Habenaria viridis (L.) R. Br. ex W. T. Aiton
Hasteola suaveolens (L.) Pojark.
Hemicarpha drummondii (Vahl) Pax
Hemicarpha micrantha (Vahl) Pax
Heracleum maximum W. Bartram
Hesperostipa spartea (Trin.) Barkworth
Heteranthera dubia (Jacq.) MacMill.
Heterotheca graminifolia (Michx.) Shinnery
Heterotheca mariana (L.) Shinnery
Aureolaria pedicularia (L.) Raf. var. *ambigens* (Fernald) Farw.
Aureolaria pedicularia (L.) Raf. var. *pedicularia*
Agalinis purpurea (L.) Pennell var. *purpurea*
Agalinis skinneriana (A.W. Wood) Britton
Agalinis tenuifolia (M. Vahl) Raf.
Aureolaria virginica (L.) Pennell
Puccinellia pallida (Torr.) R.T. Clausen
Gnaphalium macounii Greene
Platanthera blephariglottis (Willd.) Lindl.
Platanthera ciliaris (L.) Lindl.
Platanthera clavellata (Michx.) Luer
Platanthera flava (L.) Lindl.
Platanthera hookeri (Torr. ex A. Gray) Lindl.
Platanthera aquilonis Sheviak
Platanthera lacera (Michx.) G. Don
Platanthera leucophaea (Nutt.) Lindl.
Platanthera orbiculata (Pursh) Lindl.
Platanthera peramoena (A. Gray) A. Gray
Platanthera grandiflora (Bigelow) Lindl.
Platanthera psycodes (L.) Lindl.
Coeloglossum viride (L.) Hartm. var. *virescens* (Muhl. ex
Cacalia suaveolens L.
Lipocarpha drummondii (Nees) G.C. Tucker
Lipocarpha micrantha (Vahl) G.C. Tucker
Heracleum lanatum Michx.
Stipa spartea Trin.
Zosterella dubia (Jacq.) Small
Chrysopsis graminifolia (Michx.) Elliott
Chrysopsis mariana (L.) Elliott

APPENDIX C
SELECTED SYNONYMS
OHIO VASCULAR PLANT DATABASE

Hibiscus militaris Cav.

Hibiscus palustris L.

Hieracium canadense Michx. var. *fasciculatum* (Pursh) Fernald

Houstonia caerulea L.

Houstonia canadensis (Willd. ex Roem. & Schult.) Fosberg

Houstonia longifolia Gaertn.

Houstonia nigricans (Lam.) Fernald

Houstonia purpurea L.

Hyacinthoides nonscripta (L.) Chouard ex Rothm.

Hymenoxys acaulis (Pursh) K. L. Parker var. *glabra* (Pursh) K.L. Parker

Hypericum fraseri (Spach) Gleason

Hypericum harperi R. Keller

Hypericum mutilum L. subsp. *boreale* (Britton) J.M.Gilbert

Hypericum tubulosum Walter

Hypericum virginicum (L.) Raf.

Hypericum walteri (J.G. Gmel) Gleason

Hystrix patula Moench

Juncus alpinoarticulatus Chaix.

Juncus arcticus Willd.

Juncus dichotomous Elliott var. *platyphyllus* Wieg.

Juncus platyphyllus (Wiegand) Fernald

Juncus tenuis Willd. var. *antheletus* Wiegand

Juncus tenuis Willd. var. *dichotomous* (Elliott) A.W Wood

Juncus tenuis Willd. var. *dudleyi* (Wiegand) F.J. Herm.

Juncus tenuis Willd. var. *platyphyllus* (Wiegand) F.J. Herm.

Juncus tenuis Willd. var. *tenuis*

Koeleria cristata Pers.

Koeleria micrantha (Ledeb.) Schult.

Kummerowia stipulaceae (Maxim.) Makino

Hibiscus laevis All.

Hibiscus moscheutos L.

Hieracium kalmii L. var. *fasciculatum* (Pursh) Lepage

Hedyotis caerulea (L.) Hook.

Hedyotis canadensis (Willd. ex Roem. & Schult.) Fosberg

Hedyotis longifolia (Gaertn.) Hook.

Hedyotis nigricans (Lam.) Fosb.

Hedyotis purpurea (L.) Torr. & A. Gray

Scilla non-scripta (L.) Hoffmanns. & Link

Hymenoxys herbacea (Greene) Cusick

Triadenum fraseri (Spach) Gleason

Hypericum denticulatum Walter

Hypericum boreale (Britton) E.P. Bicknell

Triadenum tubulosum (Walter) Gleason

Triadenum virginicum (L.) Raf.

Triadenum walteri (J.G. Gmel) Gleason

Elymus hystrix L.

Juncus alpinus Vill.

Juncus balticus Willd.

Juncus dichotomous Elliott

Juncus dichotomous Elliott

Juncus antheletus (Wiegand) R.E. Brooks

Juncus dichotomous Elliott

Juncus dudleyi Wiegand

Juncus dichotomous Elliott

Juncus tenuis Willd.

Koeleria pyramidata (Lam.) P. Beauv.

Koeleria pyramidata (Lam.) P. Beauv.

Lespedeza stipulacea Maxim.

APPENDIX C
SELECTED SYNONYMS
OHIO VASCULAR PLANT DATABASE

<i>Kummerowia striata</i> (Thunb.) Schindl.	<i>Lespedeza striata</i> (Thunb.) Hook. & Arn.
<i>Lactuca tatarica</i> (L.) C.A. Mey var. <i>pulchella</i> (Pursh) Breitung	<i>Lactuca pulchella</i> (Pursh) DC.
<i>Lechea leggettii</i> Britton & Hollick	<i>Lechea pulchella</i> Raf.
<i>Lechea thymifolia</i> Michx.	<i>Lechea minor</i> L.
<i>Lechea villosa</i> Elliott	<i>Lechea mucronata</i> Raf.
<i>Lemna minuta</i> HBK.	<i>Lemna minor</i> L.
<i>Lemna obscura</i> (Austin) Daubs	<i>Lemna minor</i> L.
<i>Lemna perpusilla</i> Torr.	<i>Lemna minor</i> L.
<i>Lemna turionifera</i> Landolt	<i>Lemna minor</i> L.
<i>Leptochloa fusca</i> (L.) Kunth	<i>Leptochloa fascicularis</i> (Lam.) A. Gray
<i>Leucanthemum vulgare</i> Lam.	<i>Chrysanthemum leucanthemum</i> L.
<i>Lindernia anagallidea</i> (Michx.) Pennell	<i>Lindernia dubia</i> (L.) Pennell
<i>Lippia lanceolata</i> Michx.	<i>Phyla lanceolata</i> (Michx.) Greene
<i>Lolium pratense</i> (Huds.) Darbysh.	<i>Festuca pratensis</i> Huds.
<i>Lonicera prolifera</i> (G. Kirchn.) Booth ex Rehder	<i>Lonicera reticulata</i> Raf.
<i>Lophotocarpus calycina</i> (Engelm.) J.G. Sm.	<i>Sagittaria montevidensis</i> Cham. & Schlect. subsp. <i>calycina</i>
<i>Lychnis alba</i> Mill.	<i>Silene latifolia</i> Poir.
<i>Lychnis dioica</i> L.	<i>Silene dioica</i> (L.) Clairv.
<i>Lycopodium complanatum</i> L.	<i>Diphasiastrum digitatum</i> (Dill. ex A. Braun) Holub
<i>Lycopodium digitatum</i> Dill. ex A. Braun	<i>Diphasiastrum digitatum</i> (Dill. ex A. Braun) Holub
<i>Lycopodium flabelliformae</i> Fernald	<i>Diphasiastrum digitatum</i> (Dill. ex A. Braun) Holub
<i>Lycopodium inundatum</i> L.	<i>Lycopodiella inundata</i> (L.) Holub
<i>Lycopodium lucidulum</i> Michx.	<i>Huperzia lucidula</i> (Michx.) Trevis
<i>Lycopodium obscurum</i> L. var. <i>dendroideum</i> (Michx.) D. C. Eaton	<i>Lycopodium dendroideum</i> Michx.
<i>Lycopodium porophyllum</i> F. E. Lloyd & Underw.	<i>Huperzia porophila</i> (F. E. Lloyd & Underw.) Holub
<i>Lycopodium tristachyum</i> (Pursh) Holub	<i>Diphasiastrum tristachyum</i> (Pursh) Holub
<i>Lycopus virginicus</i> L. var. <i>pauciflorus</i> Benth.	<i>Lycopus uniflorus</i> Michx.
<i>Lycopus virginicus</i> L. var. <i>virginicus</i>	<i>Lycopus virginicus</i> L.
<i>Malus angustifolia</i> (Aiton) Michx.	<i>Pyrus angustifolia</i> Aiton

APPENDIX C
SELECTED SYNONYMS
OHIO VASCULAR PLANT DATABASE

Malus coronaria (L.) P. Mill.

Malus ioensis (A.W. Wood) Britton

Malus pumila Mill.

Malva pusilla Sm.

Matricaria discoidea DC.

Megalodonta beckii (Torr. ex Spreng.) Greene

Mentha canadensis L.

Minuartia michauxii Fenzl) Farw. var. *michauxii*

Minuartia patula (Michx.) Mattf.

Moehringia lateriflora (L.) Fenzl

Monarda fistulosa L. var. *clinopodia* (L.) Cooperr.

Monarda fistulosa L. var. *fistulosa*

Myosotis stricta Link ex Roem. & Schult.

Myosoton aquaticum (L.) Moench

Nasturtium officinale W.T. Aiton

Neobeckia armoracia (Eaton) Greene

Nuphar lutea Sm. subsp. *advena* (Aiton) Kartesz & Gandhi

Nuphar lutea Sm. subsp. *variegata* (Durand) E.O. Beal

Oenothera biennis L. var. *oakesiana* A. Gray

Oenothera fruticosa L. var. *ambigua* Nutt.

Oenothera fruticosa L. var. *fruticosa*

Oenothera parviflora L. var. *oakesiana* (A. Gray) Fernald

Oenothera parviflora L. var. *parviflora*

Onosmodium hispidissimum Mack.

Ophioglossum vulgatum L. var. *pseudopodium* (S. F. Blake) Farw.

Ophioglossum vulgatum L. var. *pycnostichum* Fernald

Orthilia secunda (L.) House

Panicum acuminatum Sw. var. *fasciculatum* (Torr.) Lelong

Panicum acuminatum Sw. var. *lindheimeri* (Nash) Lelong

Pyrus coronaria L.

Pyrus ioensis (A.W. Wood) L.H Bailey

Pyrus malus L.

Malva rotundifolia L.

Matricaria matricarioides (Less.) Porter

Bidens beckii Torr. ex Spreng.

Mentha arvensis L.

Arenaria stricta Michx.

Arenaria patula Michx.

Arenaria lateriflora L.

Monarda clinopodia L.

Monarda fistulosa L.

Myosotis micrantha Pall. ex Lehm.

Stellaria aquatica (L.) Scop.

Rorippa nasturtium-aquaticum (L.) Hayek

Armoracia lacustris (A. Gray) Al-Sheh. & V.M. Bates

Nuphar advena (Aiton) W.T. Aiton

Nuphar variegata Durand

Oenothera oakesiana (A. Gray) J. W. Robbins

Oenothera tetragona Roth

Oenothera fruticosa L.

Oenothera oakesiana (A. Gray) J. W. Robbins

Oenothera parviflora L.

Onosmodium molle Michx.

Ophioglossum pusillum Raf.

Ophioglossum vulgatum L.

Pyrola secunda L.

Panicum lanuginosum Elliott

Panicum lindheimeri Nash

APPENDIX C
SELECTED SYNONYMS
OHIO VASCULAR PLANT DATABASE

Panicum bicknellii Nash

Panicum calliphyllum Ashe

Panicum lanuginosum Elliott var. *fasciculatum* (Torr.) Fernald

Panicum lanuginosum Elliott var. *implicatum* (Scribn.) Fernald

Panicum lanuginosum Elliott var. *lindheimeri* (Nash) Fernald

Panicum leucothrix Nash

Panicum rigidulum Bosc ex. Nees subsp. *rigidulum*

Panicum rigidulum Bosc ex. Nees var. *pubescens* (Vasey) Freckmann & LeLong

Pascopyrum smithii (Rydb.) A. Love

Paspalum fluitans (Elliott) Kunth

Penstemon laevigatus Aiton subsp. *calycosus* (Small) R.W. Benn.

Phegopteris connectilis (Michx.) Watt

Phegopteris hexagonoptera (Michx.) Fee

Phlox latifolia Michx.

Phoradendron leucarpum (Raf.) Reveal & M.C. Johnst.

Photinia melanocarpa (Michx.) K.R. Robertson & J.B. Phipps

Photinia pyrifolia (Lam.) K.R. Robertson & J.B. Phipps

Phragmites communis Trin.

Piptatherum racemosum (Sm.) Eaton

Pityopsis graminifolia (Michx.) Nutt.

Platanthera hyperborea (L.) Lindl.

Polygonatum commutatum (Schult. & Schult. f.) A. Dietr.

Polygonum hydropiperoides Michx. var. *hydropiperoides*

Polygonum hydropiperoides Michx. var. *setaceum* (Baldwin) Gleason

Polygonum punctatum Elliott var. *robustius* Small

Polypodium polypodioides (L.) Watt

Potamogeton filiformis Pers.

Potamogeton pectinatus L.

Potentilla inclinata Vill.

Panicum boreale Nash

Panicum boreale Nash

Panicum lanuginosum Elliott

Panicum implicatum Scribn.

Panicum lindheimeri Nash

Panicum meridionale Ashe

Panicum rigidulum Torr.

Panicum longifolium Torr.

Elytrigia smithii (Rydb.) Nevski

Paspalum repens Berg.

Penstemon calycosus Small

Thelypteris phegopteris (L.) Sloss

Thelypteris hexagonaptera (Michx.) Weath.

Phlox ovata L.

Phoradendron serotinum (Raf.) M.C. Johnst.

Aronia melanocarpa (Michx.) Elliott

Aronia arbutifolia (L.) Pers.

Phragmites australis (Cav.) Trin.

Oryzopsis racemosa (Sm.) Ricker ex Hitchc.

Chrysopsis graminifolia (Michx.) Elliott

Platanthera aquilonis Sheviak

Polygonatum biflorum (Walter) Elliott

Polygonum hydropiperoides Michx.

Polygonum setaceum Baldwin

Polygonum robustius (Small) Fernald

Pleopeltis polypodioides (L.) E.G. Andrews & Windham

Stuckenia filiformis (Pers.) Boerner

Stuckenia pectinata (L.) Boerner

Potentilla intermedia L.

APPENDIX C
SELECTED SYNONYMS
OHIO VASCULAR PLANT DATABASE

Prunus americana Marshall var. *lanata* Sudw.

Psorelea onobrychis Nutt.

Psorelea psoraloides (Walter) Cory

Pueraria montana (Lour.) Merr. var. *lobata* (Willd.) Maesen & S.M. Almeida

Pycnanthemum pilosum Nutt.

Pyrola americana Sweet

Pyrola asarifolia Michx. subsp. *americana* (Sweet) Krisa

Pyrus aucuparia (L.) Gaertn.

Pyrus decora (Sarg.) Hyl.

Pyrus melanocarpa (Michx.) Willd.

Quercus borealis F. Michx.

Radicula sylvestris (L.) Druce

Ranunculus aquatilis L. var. *diffusus* With.

Ranunculus septentrionalis Poir.

Rhododendron nudiflorum (L.) Torr. var. *nudiflorum*

Rhododendron nudiflorum (L.) Torr. var. *roseum* (Loisel.) Rehder

Rhus radicans L.

Rhus vernix L.

Rhynchospora globularis (Chapm.) Small var. *recognita* Gale

Ribes rubrum L.

Rorippa islandica (Oeder) Borbas

Rosa arkansana Porter var. *suffulta* (Greene) Cockrell

Rosa suffulta Greene

Rubus strigosus Michx.

Ruppia maritima L.

Sagittaria calycina Engelm.

Sagittaria graminea Michx. var. *platyphylla* Engelm.

Salix humilis Marshall var. *humilis*

Salix humilis Marshall var. *tristis* (Aiton) Griggs

Prunus mexicana S. Watson

Orbexilum onobrychis (Nutt.) Rydb.

Orbexilum pedunculatum (Miller) Rydb.

Pueraria lobata (Willd.) Ohwi

Pycnanthemum verticillatum (Michx.) Pers. var. *pilosum*

Pyrola rotundifolia L. var. *americana* (Sweet) Fernald

Pyrola rotundifolia L. var. *americana* (Sweet) Fernald

Sorbus aucuparia L.

Sorbus decora (Sarg.) C.K. Schneid.

Aronia melanocarpa (Michx.) Elliott

Quercus rubra L.

Rorippa sylvestris (L.) Besser

Ranunculus longirostris Godr.

Ranunculus hispidus Michx.

Rhododendron periclymenoides (Michx.) Shinnery

Rhododendron prinophyllum (Small) Millais

Toxicodendron radicans (L.) Kuntze

Toxicodendron vernix (L.) Kuntze

Rhynchospora recognita (Gale) Kral

Ribes sativum Syme

Rorippa palustris (L.) Besser

Rosa arkansana Porter

Rosa arkansana Porter

Rubus idaeus L. var. *strigosus* (Michx.) Maxim.

Ruppia cirrhosa (Petagna) Grande

Sagittaria montevidensis Cham. & Schlect.

Sagittaria platyphylla (Engelm.) J.G. Sm.

Salix humilis Marshall

Salix occidentalis Walter

APPENDIX C
SELECTED SYNONYMS
OHIO VASCULAR PLANT DATABASE

Salix interior Rowlee

Salix rigida Muhl.

Salix tristis Aiton

Salsola tragus L.

Sambucus racemosa L. var. *pubens* (Michx.) Koehne

Samolus parviflorus Raf.

Saponaria vaccaria L.

Satureja glabella (Michx.) Briq.

Satureja vulgaris (L.) Fritsch

Schizachyrium scoparium (Michx.) Nash var. *littorale* (Nash) Gould

Scirpus acutus Muhl. ex Bigelow

Scirpus americanus Pers.

Scirpus atrovirens Willd. var. *georgianus* (R.M. Harper) Fernald

Scirpus cyperinus (L.) Kunth var. *pedicellatus* (Fernald) Schuyler

Scirpus fluviatilis (Torr.) A. Gray

Scirpus lineatus Michx.

Scirpus pungens Vahl

Scirpus purshianus Fernald

Scirpus smithii A. Gray

Scirpus subterminalis Torr.

Scirpus torreyi Olney

Scirpus validus Vahl

Scirpus verecundus Fernald

Scutellaria epilobiifolia A. Ham.

Sedum telephium L. var. *purpureum* L.

Setaria parviflora (Poir.) Kerguelen

Smallanthus uvedalia (L.) Mack. ex Small

Smilacina racemosa (L.) Desf.

Smilacina stellata (L.) Desf.

Salix exigua Nutt.

Salix eriocephala Michx.

Salix occidentalis Walter

Salsola kali L.

Sambucus pubens (Michx.) House

Samolus floribundus Kunth

Vaccaria hispanica (Mill.) Rauschert

Calamintha arkansana (Nutt.) Shinnery

Clinopodium vulgare L.

Schizachyrium littorale (Nash) E.P. Bicknell

Schoenoplectus acutus (Muhl. ex Bigelow) A. Love & D. Love

Schoenoplectus americanus (Pers.) Volk. ex Schinz & R.

Scirpus georgianus R.M. Harper

Scirpus pedicellatus Fernald

Bolboschoenus fluviatilis (Torr.) Sojak

Scirpus pendulus Muhl.

Schoenoplectus pungens (Vahl) Palla

Schoenoplectus purshianus (Fernald) M.T. Strong

Schoenoplectus smithii (A. Gray) Sojak

Schoenoplectus subterminalis (Torr.) Sojak

Schoenoplectus torreyi (Olney) Palla

Schoenoplectus tabernaemontani (C.C. Gmel.) Palla

Trichophorum planifolium (Spreng.) Palla

Scutellaria galericulata L.

Sedum purpureum (L.) J.A. Schultes

Setaria geniculata (Lam.) P. Beauv.

Polymnia uvedalia (L.) L.

Maianthemum racemosum (L.) Link

Maianthemum stellatum (L.) Link

APPENDIX C
SELECTED SYNONYMS
OHIO VASCULAR PLANT DATABASE

Smilacina trifolia (L.) Desf.

Smilax herbacea L. var. *herbacea*

Smilax herbacea L. var. *lasioneura* (Hook.) A. DC.

Smilax herbacea L. var. *pulverulenta* (Michx.) A. Gray

Smilax tamnoides L. var. *hispida* (Muhl. ex Torr.) Fernald

Solidago altissima L.

Solidago graminifolia (L.) Salisb.

Solidago petiolaris Aiton

Solidago remota (Greene) Friesner

Solidago speciosa Nutt. var. *erecta* (Pursh) MacMill.

Sparganium chlorocarpum Rydb.

Specularia perfoliata (L.) A. DC.

Sphenopholis intermedia (Rydb.) Rydb.

Sphenopholis obtusata (Michx.) Scribn.

Spiranthes cernua (L.) Rich.

Spiranthes gracilis (Bigelow) Beck

Spiranthes ochroleuca (Rydb.) Rydb.

Sporobolus compositus (Poir.) Merr.

Sporobolus vaginiflorus (Torr. ex A. Gray) A.W. Wood var. *ozarkanus* (Fernald) Shinnars

Stachys hispida Pursh

Stachys hyssopifolia Michx. var. *ambigua* A. Gray

Stachys nuttallii Shuttlew. ex Benth.

Stachys palustris L. var. *hispida* (Pursh) Boivin

Stachys tenuifolia Willd. var. *hispida* (Pursh) Fernald

Steironema ciliatum (L.) Baudo

Steironema lanceolatum (Walter) A. Gray

Steironema quadriflorum (Sims) Hitchc.

Stipa avenacea L.

Streptopus roseus Michx.

Maianthemum trifolium (L.) Sloboda

Smilax herbacea L.

Smilax lasioneura Hook.

Smilax pulverulenta Michx.

Smilax hispida Muhl.

Solidago canadensis L.

Euthamia graminifolia (L.) Nutt.

Solidago squarrosa Muhl.

Euthamia remota Greene

Solidago erecta Pursh

Sparganium emersum Rehmman

Triodanis perfoliata (L.) Nieuwl.

Sphenopholis obtusata (Michx.) Scribn. var. *major* (Torr.)

Sphenopholis obtusata (Michx.) Scribn. var. *obtusata*

Spiranthes cernua var. *cernua* (L.) Rich.

Spiranthes lacera (Raf.) Raf.

Spiranthes cernua (L.) Rich. var. *ochroleuca* (Rydb.) Ames

Sporobolus asper (P. Beauv.) Kunth

Sporobolus ozarkanus Fernald

Stachys tenuifolia Willd.

Stachys aspera Michx.

Stachys cordata Riddell

Stachys tenuifolia Willd.

Stachys tenuifolia Willd.

Lysimachia ciliata L.

Lysimachia lanceolata Walter

Lysimachia quadriflora Sims

Piptochaetium avenaceum (L.) Parodi

Streptopus lanceolatus (Aiton) Reveal

APPENDIX C
SELECTED SYNONYMS
OHIO VASCULAR PLANT DATABASE

Swertia caroliniensis (Walter) Kuntze

Tanacetum parthenium (L.) Sch. Bip.

Tetraneuris herbacea Greene

Thalictrum thalictroides (L.) A.J. Eames & B. Boivin

Tilia americana L. var. *heterophylla* (Vent.) Loudon

Tofieldia glutinosa (Michx.) Pers.

Torreyochloa pallida (Torr.) G.L. Church

Tovara virginiana (L.) Raf.

Toxicodendron radicans (L.) Kuntze var. *rydbergii* (Small ex Rydb.) Erskine

Triadenum tubulosum (Walter) Gleason var. *tubulosum*

Triadenum tubulosum (Walter) Gleason var. *walteri* (J.G. Gmel) Lott

Triadenum virginicum (L.) Raf. var. *fraseri* (Spach) Cooperr.

Triadenum virginicum (L.) Raf. var. *virginicum*

Trichostema brachiatum L.

Trichostema dichotomum L. var. *dichotomum*

Trichostema dichotomum L. var. *lineare* (Walter) Pursh

Triodia flava (L.) Smyth

Trisetum pensylvanica (L.) P. Beauv. ex Roem. & Schult.

Uniola latifolia Michx.

Valeriana edulis Nutt. ex Torr. & A. Gray var. *ciliata* (Nutt. ex Torr. & A. Gray) Cronquist

Veratrum woodii J.W. Robbins ex A.W. Wood

Viburnum dentatum L. var. *lucidum* Aiton

Viburnum nudum L. var. *cassinoides* (L.) Torr. & A. Gray

Viburnum trilobum Marshall

Vicia sativa L. var. *sativa*

Viola bicolor Pursh

Viola esculenta Elliott

Viola hirsutula Brainerd

Viola obliqua Hill

Frasera caroliniensis Walter

Chrysanthemum parthenium (L.) Bernh.

Hymenoxys herbacea (Greene) Cusick

Anemonella thalictroides (L.) Spach.

Tilia heterophylla Vent.

Triantha glutinosa (Michx.) Baker

Puccinellia pallida (Torr.) R.T. Clausen

Polygonum virginianum L.

Toxicodendron rydbergii (Small ex Rydb.) Greene

Triadenum tubulosum (Walter) Gleason

Triadenum walteri (J.G. Gmel) Gleason

Triadenum fraseri (Spach) Gleason

Triadenum virginicum (L.) Raf.

Isanthus brachiatus (L.) B.S.P.

Trichostema dichotomum L.

Trichostema setaceum Houtt.

Tridens flavus (L.) Hitchc.

Sphenopholis pensylvanica (L.) Hitchc.

Chasmanthium latifolium (Michx.) H.O. Yates

Valeriana ciliata Torr. & A. Gray

Melanthium woodii (J.W. Robbins ex A.W. Wood) Baker

Viburnum recognitum Aiton

Viburnum cassinoides L.

Viburnum opulus var. *opulus* L.

Vicia sativa L.

Viola rafinesquii Greene

Viola palmata var. *palmata* L.

Viola villosa Brainerd

Viola cucullata Aiton

APPENDIX C
SELECTED SYNONYMS
OHIO VASCULAR PLANT DATABASE

Viola pallens (Banks ex DC.) Brainerd

Viola palmata L.

Viola papilionacea Pursh

Viola pedatifida G. Don

Viola sororia Willd. var. *missouriensis* (Greene) L.E. McKinney

Viola triloba Schwein

Wolffia papulifera C. Thompson

Wolffia punctata Griseb.

Wolffiella floridana (Donnell Smith) C.H. Thompson

Viola macloskeyi F.E. Lloyd

Viola palmata var. *palmata* L.

Viola sororia Willd.

Viola palmata var. *pedatifida* (G. Don) Cronquist

Viola missouriensis Greene

Viola palmata var. *palmata* L.

Wolffia brasiliensis Weddell

Wolffia brasiliensis Weddell

Wolffiella gladiata (Hegelm.) Hegelm.

APPENDIX D
FOOTNOTES
OHIO VASCULAR PLANT DATABASE

FN NOTES

- 1 Ohio material generally considered to be separate spp. but often treated as var. of *A. virginica* L. or *A. rhomboidea* Raf.
- 2 incl. var. *violaceum* (Kirchn.) Jaeger
- 3 incl. var. *rubrum*, var. *trilobum* Torr. & A. Gray
- 4 incl. var. *saccharum*, var. *viride* (Schmidt) E. Murray (*A. nigrum* F. Michx.)
- 5 Cooperrider et al. (2001) distinguish native (var. *occidentalis* DC.) and nonnative varieties (var. *millefolium*)
- 6 incl. *A. octandara* Marshall
- 7 incl. var. *sargentii* Rehder
- 8 does not include *A. gattingeri* (Small) Small ex Britton
- 9 incl. var. *macrophylla* (Benth.) S. F. Blake, var. *parviflora* (Nutt.) Pennell, var. *tenuifolia*
- 10 does not incl. *A. tenuis* Sibth.
- 11 also known as *A. stolonifera* var. *major*; incl. Ohio plants treated by some authors as *A. alba* L.
- 12 incl. var. *scabra* (Willd.) Blomq. (*A. scabra* Willd.), var. *hyemalis* (Walter) B.S.P.
- 13 incl. var. *palustris* (Huds.) Farw.
- 14 the name *A. plantago-aquatic* has been used in many floras but native distribution of this sp. limited to Eurasia
- 15 incl. var. *burdickii* Hanes, var. *tricoccum*
- 16 ours var. *americana* Regel (*Alnus incana* subsp. *rugosa* (Du Roi) R.T. Clausen)
- 17 some authors treat this as *A. graecizans* L.
- 18 some authors treat this *A. tamariscinus* Nutt.
- 19 this species may be hybrid swarm of *A. laevis* Wiegand and *A. sanguinea* (Pursh) DC.
- 20 incl. var. *comosa* (L.) Fernald, *A. pitcheri* Torr. & A. Gray
- 21 Confused nomenclature. Incl. all varieties of *A. neglecta* Greene in Gleason and Cronquist (1991) and/or *A. neodioica* Greene in Fisher (1988)
- 22 Confused nomenclature. Incl. all varieties of *A. plantaginifolia* (L.) Richardson in Gleason and Cronquist (1991) and/or *A. parlinii* Fernald in Fisher (1988)
- 23 includes *A. perstellata* E.L. Braun
- 24 nonnative populations present in Ohio
- 25 incl. var. *coactilis* Fernald & J. F. Macbr.
- 26 see text p. 263 in Gleason & Cronquist (1991) regarding *A. prunifolia* (Marshall) Rehder (*Pyrus floribunda* (Lindl.) Spach, *Photinia floribunda* (Lindl.) K.R. Robertson & J.B. Phipps)
- 27 Cooperrider et al. (2001) also incl. nonnative var. *canadensis* (Michx.) Welsh in the flora of Ohio
- 28 incl. var. *gnaphalodes* (Nutt.) Torr. & A. Gray

APPENDIX D
FOOTNOTES
OHIO VASCULAR PLANT DATABASE

- 29 there are historical records of native stands in Ohio; a few potential native stands of this species may remain in Ohio
- 30 incl. var. *reflexum* (E.P. Bicknell) B.L. Rob.
- 31 incl. subsp. *quadrivalens* D.E. Mey
- 32 incl. *A. junciformis* Rydb.
- 33 incl. *A. dodgei* Fernald
- 34 incl. var. *prostratus* (Kuntze) S.F. Blake
- 35 incl. *A. puniceus* var. *lucidulus* A. Gray
- 36 incl. var. *interior* (Weig.) Semp. & Chm. (*A. simplex* var. *interior*), var. *lanceolatus* (*A. simplex* var. *ramosissimus*), var. *simplex* (Willd.) A.G. Jones (*A. simplex* var. *simplex*)
- 37 incl. var. *lanceolatus* Porter (*A. cordifolius* var. *lanceolatus* Porter), var. *lowrieanus* (incl. *A. cordifolius* var. *laevigatus* Porter)
- 38 incl. *A. azureus* Lindl.
- 39 incl. var. *phlogifolius* (Muhl.) Nees, var. *patens*
- 40 incl. var. *pilosus*, var. *pringlei* (A. Gray) S. F. Blake (incl. var. *demotus* S. F. Blake)
- 41 does not include *Aster firmus* Nees (*A. puniceus* var. *firmus* (Nees) Torr. & A. Gray)
- 42 incl. var. *angustum* (Willd.) G. Lawson, var. *asplenoides* (Michx.) Farw.
- 43 incl. *A. subspicata* (Nutt.) Rydb.
- 44 incl. var. *flava*, var. *macrantha* (Pennell) Pennell
- 45 There has been considerable debate as to whether this species is native to Ohio. Cooperrider et al. (2001) treat as native to Ohio
- 46 incl. var. *crebra* Fernald
- 47 Recently found in southern Ohio in *Sphagnum* dominated wetland and new to flora of the state
- 48 Ohio specimens of *B. laevis* inseparable from *B. cernua*
- 49 only with difficulty distinguished from the European *B. tripartita* L.
- 50 Cooperrider et al. (2001) treat as native; but most specimens (OS) start ca 1950 (except one 1929 Camden Lake collection)
- 51 also known as *Schoenoplectus fluviatilis* (Torr.) M.T. Strong
- 52 incl. *B. obliquam* Muhl. ex Willd.
- 53 incl. var. *angustisegmentum* Pease & A.H. Moore
- 54 Saarela et al. (Systematic Botany 28(4):674-692) treat as distinct species and annotate specimen collected by B.K. Andreas from boggy woods in NE Ohio
- 55 incl. *B. napobrassica* (L.) Mill.
- 56 incl. plants known by the rejected name *Bromus purgans* L.
- 57 incl. var. *lacustris* Fernald

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- 58 incl. subsp. *inexpansa* (A. Gray) Greene (*C. inexpansa* A. Gray)
- 59 incl. *C. pulchellus* R. Br. ex W.T. Aiton
- 60 incl. var. *aparinoides*, var. *grandiflora* Holz
- 61 indigenous to Ohio River habitats, but many nonnative escaped populations elsewhere in Ohio
- 62 often confused with *C. hirsuta*
- 63 incl. var. *arenicola* (Britton) O.E. Schulz
- 64 does not include nonnative var. *pratensis* (Eurasian Cuckoo Flower); ours var. *palustris* Wimm. & Grab.
- 65 may be difficult to distinguish from *C. gravida* if leaf sheaths damaged or not visible
- 66 easily confused with *C. festucacea*
- 67 does not incl. var. *rigida* (L. H. Bailey) Fernald (*Carex planispicata* Naczi), var. *turgida* Fernald (*C. grisea* Wahlenb.); note the FNA concept of this species differs from Braun (1967)
- 68 incl. *C. annectens* var. *annectens*, *C. annectens* var. *xanthocarpa* (E.P. Bicknell) Wiegand
- 69 for a long time incl. in *C. radiata* (Wahlenb.) Dewey, and this name frequently misapplied to *C. appalachica*
- 70 ours var. *substricta* Kuk.
- 71 often confused with *C. foena*
- 72 incl. *C. incompta* E.P. Bicknell
- 73 does not include *C. garberi* Fernald
- 74 can be confused with immature *C. cristatella*; can behave has facultative annual reaching reproductive stage from seed in one season
- 75 most common and widespread member of Section Laxiflorae and grows on diverse soil and environmental conditions
- 76 does not include *C. molesta* Schk. or *C. merritt-fernaldii* Mack.
- 77 ours subsp. *bromoides*
- 78 incl. subsp. *brunnescens* and subsp. *sphaerostachya* (Tuck.) Kalela
- 79 FNA erroneously does not list for Ohio
- 80 incl. subsp. *canescens*, subsp. *disjuncta* (Fernald) Toivonen
- 81 formerly in Section Laxiflorae and moved to Section Careyana in FNA
- 82 ours var. *communis*
- 83 distinguished from typical variety by non-constricted achenes and ellipsoid perynginia
- 84 can hybridize with *C. gynandra*
- 85 mature specimens distinguished by widely spreading peryngina and globose spikes; confused with *C. bebbii* when immature
- 86 formerly called *C. abscondita* Mack. but this species is not in Ohio. Ohio material is *C. cumberlandensis*

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- 87 FNA does not list for Ohio
- 88 ours subsp. *deweyana*
- 89 formerly in Section Laxiflorae and moved to Section Careyana in FNA
- 90 ours var. *digitalis*; formerly in Section Laxiflorae, moved to Section Careyana in FNA
- 91 ours subsp. *echinata*; incl. *C. cephalantha* (L. H. Bailey) Bicknell
- 92 in Ohio inhabits stream habitats; superficially similar to *C. stricta* but resembles and is more closely related to *C. aquatilis*
- 93 can often be confused with *C. albulotescens*
- 94 some authors incl. *C. garberi* Fernald in *C. aurea* Nutt.
- 95 true *C. flaccosperma* is known from states south Ohio where it can co-occur with *C. glaucodea*
- 96 incl. var. *haleana* (Olney) Porter; a very morphological variable species
- 97 incl. var. *hispidula* A. Gray
- 98 some authors treat as variety of *C. amphibola*
- 99 can hybridize with *C. crinita* var. *crinita*
- 100 often confused with *C. stricta*, and identified by inflated perynginia, acute scales, glabrous leaves and sheaths
- 101 infrequent and local; often grows with *C. albursina*, *C. jamesii*, *C. oligocarpa*
- 102 recently added to flora of Ohio in FNA and specimens often misidentified as *C. blanda*, *C. laxiflora* var. *serrulata*, and *C. albursina*; known from specimen from Lawrence Co. but Ohio distribution may be broader. *C. kraliana* appears to be a more conservative dry woods species
- 103 incl. var. *americana* Fernald
- 104 incl. var. *laxiculmis*, var. *copulata* (L.H. Bailey) Fernald; formerly in Section Laxiflorae and moved to Section Careyana in FNA
- 105 incl. var. *laxiflora*, var. *serrulata* F. J. Herm.; there is substantial phenotypic variation in the *C. laxiflora* complex
- 106 easily confused with *C. cephalophora* and may be overlooked
- 107 FNA erroneously does not list for Ohio
- 108 variable, abundant and sometimes weedy wetland species
- 109 does not incl. *Carex magellanica* subsp. *irrigua* (Wahlenb.) Hiitonen, Suom, Kasvio (*Carex limosa* var. *irrigua* Wahlenb.) which FNA erroneously lists for Ohio.
- 110 separating *C. meadii* from *C. tetanica* Schkuhr can be difficult; see discussion in FNA; some authors treat this as variety of *C. tetanica* Schkuhr
- 111 some authors incl. *C. merritt-fernaldii* Mack. in *C. brevior* (Dewey) Mack.
- 112 some authors incl. *C. molesta* Mack. ex Bright in *C. brevior* (Dewey) Mack.
- 113 incl. var. *enervis* Boott, var. *muhlenbergii*
- 114 formerly treated as *C. amphibola* Steud. or *C. amphibola* var. *rigida* (L.H. Bailey) Fern.

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- 115 formerly in Section Laxiflorae and moved to Section Careyana in FNA
- 116 formerly in Section Laxiflorae and moved to Section Careyana in FNA
- 117 very common along highways where road salt is applied
- 118 intermediate between *C. tribuloides* and *C. cristatella* but *C. projecta* flowers and fruits first
- 119 smaller and more slender than *C. comosa* with straight versus curved perigynia beak
- 120 for a long time known as *C. rosea* Schk. but this name misapplied to *C. radiata* (Wahlenb.) Small; *C. rosea* Schk. is now limited to what was formerly known as *C. convoluta* Mack.
- 121 records of *C. retroflexa* and *C. texensis* not always clearly distinguished and some references to *C. retroflexa* may refer to *C. texensis*
- 122 FNA erroneously does not list for Ohio
- 123 incl. var. *scoparia*
- 124 the name *C. foena* misapplied in recent literature
- 125 FNA erroneously does not list for Ohio
- 126 incl. var. *maxima* Chapm., var. *stipata*
- 127 FNA erroneously does not list for Ohio
- 128 may be most common wetland sedge in eastern N.A.; often confused with *C. haydenii* but distinguished by veined, flattend, ovoid perynginia with short scales
- 129 inhabits moister habitats than typical variety and has more southerly distribution in U.S.
- 130 differs from var. *echinodes* in sparsely papillose leaf sheaths, appressed perynginia, and perynginia beaks exceeding scales much less (0 to 0.8mm)
- 131 can be confused with *C. meadii*; see discussion in FNA; does not incl. *C. meadii* Dewey (*C. tetanica* var. *meadii* (Dewey) L.H. Bailey
- 132 some authors consider Ohio within natural range of this species but it is unlikely that it is a species native to Ohio based on examination of Ohio material; FNA treats this spp. as introduced in Ohio.
- 133 incl. var. *tonsa*, var. *rugosperma* (Mack.) Crins; long known as *C. rugosperma* Mack. but name *C. tonsa* has priority
- 134 incl. var. *tribuloides* and var. *sangomonensis* Clokey (distinguished by wider perynginia)
- 135 often treated as part of *C. rostrata* but FNA considers quite different in leaf shape and anatomy
- 136 broad variable species complex
- 137 incl. subsp. *viridula*
- 138 hybrid of *C. hyalinolepis* X *C. pellita*
- 139 incl. subsp. *virginiana* (Marshall) Furlow
- 140 incl. var. *mollis* (Ashe) Sudw., var. *obcordata* (Muhl. & Willd.) Sarg.; incl. by some authors in *C. glabra* (Mill.) Sweet
- 141 incl. var. *giganteum* Farw., var. *thalictroides*. FNA treats these as separate species
- 142 incl. var. *pitcheri* Torr. & A. Gray

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- 143 incl. var. *pumila* (Pursh) A. Gray
144 incl. var. *georgiana* (Small) Fernald & B. Schub.
145 incl. var. *pubescens* Raf.
146 incl. *C. longepedunculatum* Muhl. ex Britton
147 incl. by some authors in *C. vulgatum* L.
148 incl. var. *procumbens*, var. *shortii* Torr. & A. Gray
149 incl. var. *angustifolia* (Aiton) Rehder
150 incl. var. *elatior* T. A. Frick, var. *glabra*, var. *linifolia* N. Coleman
151 incl. *C. missouriense* Aellen (*C. album* var. *missouriense* (Aellen) Bass. & Cromp.)
152 incl. var. *bushmanum* (Aellen) Cronquist, var. *zschackei* (Murr.) Murr.
153 Ohio material not well studied and may not be native to flora but Ohio is considered within natural range by some authors; incl. *C. subglabrum* (S. Watson) A. Nelson
154 Ohio material not well studied and may not be native to flora but Ohio is considered within natural range by some authors
155 also known as *C. hybridum* var. *gigantospermum* (Aellen) Rouleau.
156 incl. var. *cisatlantica* S.F. Blake
157 incl. var. *canadensis* L.
158 incl. var. *arvense*, var. *horridum* Wimm. & Grab.
159 Cooperrider et al. (2001) incl. "some Ohio specimens previously identified as *C. hillii*" in *C. pumilum*
160 incl. var. *diffusa*
161 FNA erroneously does not list for Ohio
162 incl. var. *canadensis*, var. *pusilla* (Nutt.) Cronquist
163 some authors treat Ohio as within natural range of this spp. but Ohio collections at OSU herbarium from roadsides and OSU Campus. Earliest collections ca1930s
164 incl. var. *amomum*, var. *schuetzeana* (C. A. Meyer) Rickett (*C. obliqua* Raf.)
165 does not incl. *Cornus stricta* Lam. (*C. foemina* sensu Mill.) where there is one doubtful specimen of *C. stricta* from Wood Co.
166 incl. var. *brainerdii*, var. *scabrida* (Sarg.) Eggl., and *C. coleae* Sarg.
167 incl. var. *calpodendron*, var. *globosa* (Sarg.) E. J. Palmer, and var. *microcarpa* (Chapm.) E. J. Palmer
168 incl. var. *brownii* (Britton) Sarg., var. *meiophylla* (Sarg.) E.J. Palmer, *C. margarettiae* var. *margarettiae*, and *C. sicca* var. *glabrifolia* (Sarg.) E.J. Palmer
169 incl. *C. haberi*, *C. hillii*, *C. holmsiana*, *C. pennsylvanica*, *C. pringlei*, *C. putnamiana*, *C. pedicellata*,
170 incl. *C. arborea*, *C. engelmannii*, *C. fontianesiana*, *C. hannibalensis*, *C. ohioensis*, *C. vallicola*
171 incl. *C. basilica*, *C. brumalis*, *C. gravis*, *C. iracunda*, *C. macrosperma*, *C. populnea*, *C. stolonifera*

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- 172 incl. *C. biltmoreana*, *C. boyntonii*, *C. fortunata*, *C. horseyi*, *C. rubella*
- 173 incl. var. *mollis*, var. *sera* (Sarg.) Eggl. and *C. submollis* Sarg.
- 174 incl. *C. compacta*, *C. crawfordiana*, *C. disjuncta*, *C. formosa*, *C. franklinensis*, *C. gattingeri*, *C. guadens*, *C. C. jesupii*, *C. leiophylla*, *C. mackenzii*, *C. milleri*, *C. porteri*, *C. rugosa*, and *C. virella*
- 175 incl. *C. indicens*, *C. peoriensis*, *C. suorbiculata*
- 176 incl. vars. *succulenta*, *macrantha*, *michganensis*, *neofluviatilis*, *pertomentosa*
- 177 incl. var. *septentrionalis* (Mull) Arg.; there is some question whether this is a native spp. in Ohio
- 178 recently added to flora of Ohio
- 179 very similar to *Cuscuta pentagona* Engelm. Only collected in Adams Co. Deleted from flora by Cooperrider et al. (2001).
- 180 incl. *Cyperus rivularis* Kunth
- 181 FNA erroneously does not list for Ohio
- 182 ours var. *leptostachyus* Boeckeler
- 183 incl. var. *poiformis* (Pursh) Fernald
- 184 incl. subspp. *lupulinus*, *macilentus* (Fernald) Marcks
- 185 some authors treat *C. engelmannii* Steud. and *C. ferruginescens* Boeck as separate spp.
- 186 FNA erroneously does not list for Ohio
- 187 incl. *C. inflexus* Muhl.
- 188 incl. var. *laevigatus* Torr. & A. Gray
- 189 rare native populations present in Ohio. Many nonnative populations.
- 190 mostly nonnative pops. in dist. habitats
- 191 possibly nonnative in Ohio. Oldest OSU Herbarium collection ca1900. Cooperrider et al. (2001) and Gleason & Cronquist (1991) treat as native and these treatments are followed
- 192 incl. *Desmodium perplexum* Schubert
- 193 incl. *D. nuttallii* (Schindl.) B.G. Schub.
- 194 doe not incl. var. var. *obovata* Gleason (*D. obovata* (Gleason) Brandenburg)
- 195 incl. *Panicum bicknellii* and *P. calliphylum* (note FNA treats these spp. as probable hybrids) although often treated as separate spp.
- 196 treated by some authors as part of *P. ovale* Elliott (*Dichantheium ovale* var. *addisonii* (Nash) Gould & C.A. Clarke
- 197 treated by some authors as part of *P. dichotomum* L. (*D. dichotomum* (L.) Gould)
- 198 treated by some authors as part of *P. dichotomum* L. (*D. dichotomum* (L.) Gould)
- 199 incl. var. *scribnerianum* (Nash) Fernald

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- 200 treated by some authors as part of *P. linearifolium* Scribn. (*D. linearifolium* (Scribn. ex Nash) Fernald)
- 201 recently added to flora where it was collected growing in natural habitat with other native spp.
- 202 incl. *Lycopodium complanatum* var. *flabelliforme* Fernald, *L. flabelliforme* (Fernald) Blanch, *L. digitatum* Dill. ex A. Braun
- 203 incl. *D. spinulosa* (O.F. Mull.) Watt, *D. austriaca* var. *spinulosa* (D. C. Eaton) Underw.
- 204 incl. var. *arundinaceum*
- 205 incl. var. *muricata* (*E. pungens* (Poir.) Rydb.), var. *microstachya* Wieg. (*E. wiegandii* (Fassett) MacNeil & Dore). Note that var. *microstachya* considered nonnative to Ohio by some authors
- 206 incl. *E. pustulosum* Sibth & Sm. (*E. vulgare* var. *pustulosum* (Sibth & Sm.) Coincy)
- 207 incl. *E. alba* (L.) Hassk.
- 208 ours var. *compressa*
- 209 incl. in *Eleocharis ovata* (Roth) Roem. & Schult. by some authors
- 210 incl. in *E. palustris* L. by some authors
- 211 *E. caribea* (Rott.) S.F. Blake considered by most authors to be misapplied
- 212 erroneously incl. in *E. ovata* (Roth) Roem. & Schult. by some authors
- 213 our variant of this extremely variable worldwide species is *E. smallii* Britton *sensu stricto*; does not incl. *E. erythropoda* Steud.
- 214 incl. var. *crassior* Fernald
- 215 does not incl. *E. elliptica* Kunth (*E. tenuis* var. *borealis* (Svenson) Gleason)
- 216 incl. var. *glabriflorus* (Vasey) Bush, var. *submuticus* Hook.
- 217 incl. var. *glabrifolia* Fernald
- 218 incl. var. *platyphyllum* (Daniels) Fernald, var. *canescens* A. W. Wood
- 219 ours var. *affine* (Engelm.) A.A. Eaton; also known as subsp. *affine* (Engelm.) Calder & Roy L. Taylor
- 220 incl. *Eragrostis megastachya* (Koeler) Link
- 221 incl. *Eragrostis poaeoides* P. Beauv. ex Roem. & Schult.
- 222 incl. var. *intermedia* Fernald
- 223 incl. var. *brauniae* Fernald, var. *pulchellus*
- 224 *E. septangulare* With. is a widely used but invalid name; the name used here treats N.A. and Eurasian material as conspecific; if N.A. material is segregated then the proper name is *E. pellucidum* Michx.
- 225 incl. var. *laciniatum* A. Gray
- 226 includes all named varieties of this species

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- 227 incl. var. *ovatum* (Bigelow) Torr., var. *rotundifolium*
- 228 The USDA plants data base shows both native and introduced populations of this species
- 229 incl. var. *graminifolia* (*Solidago g.* var. *g.*), var. *nuttallii* (Greene) W. Stone (*Solidago g.* var. *n.* (Greene) Fernald)
- 230 treated by some authors as part of *E. gymnospermoides* Greene or *Solidago gymnospermoides* (Greene) Fernald
- 231 incl. var. *caroliniana* (Loudon) Fernald & Rehder (White Beech), var. *grandifolia* (red beech)
- 232 also known as *Lolium arundinaceum* (Schreb.) Darbysh. or *F. elatior* var. *arundinacea* (Schreb.) Wimm.
- 233 incl. *F. filiformis* Pourr., *F. tenuifolia* Sibth.
- 234 can occasionally escape from gardens
- 235 incl. var. *americana* L., var. *biltmoreana* (Beadle) J. Wright ex Fernald (*F. biltmoreana* Beadle)
- 236 inc. var. *subintegerrima* (M. Vahl) Fernald (Green Ash), var. *pennsylvanica* (Red Ash)
- 237 var. *campestris* (Small) Fernald
- 238 Cooperrider et al. (2001) treats as native to Ohio
- 239 incl. *G. spurium* L.
- 240 incl. *G. hypomalacum* Fernald
- 241 incl. var. *occidentalis* (A. Gray) Small
- 242 incl. var. *confertiflorum* Fernald
- 243 incl. var. *strictum* (Aiton) Fernald
- 244 incl. var. *shortii* (Durand) Gleason
- 245 incl. var. *serrulata* (Rydb.) Steyerl., var. *squarrosa*
- 246 incl. var. *americana* (A. Gray) Fernald & I.M. Johnst.
- 247 incl. *H. tetraptera* Ellis
- 248 incl. var. *parviflora* Nutt.
- 249 incl. var. *stenophyllus* Torr. & A. Gray
- 250 incl. var. *helianthoides*, var. *occidentalis* (T. R. Fisher) Steyerl.
- 251 sometimes treated as variety of single species *H. nobilis* var. *acuta* (Pursh) Steyerl.
- 252 sometimes treated as variety of single species *H. nobilis* var. *obtusa* (Pursh) Steyerl.
- 253 incl. var. *americana*, var. *hirsuticaulis* (Wheel.) Ros., Butt., Lak., var. *hispidula* (Pursh) E. Wells
- 254 incl. var. *rugelii* (Shuttlew.) Rosend., Butters & Lakela
- 255 incl. *H. militaris* Cav.

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- 256 incl. *H. palustris* L.
- 257 incl. *Hieraceum florentinum* All.
- 258 Cooperrider et al. (2001) incl. "some Ohio specimens previously identified as *H. traillii* Greene or *H. greenei* A. Gray" in *H. venosum*
- 259 questions regarding nativeness in Ohio. Known collections are from sandy seawall on the Maumee River ca1979 and from Williams Co. on "sandy ground" ca1930s.
- 260 native varieties incl. var. *pubescens* E. Small, var. *lupuloides* E. Small; nonnative variety *H. lupulus* var. *lupulus* is sparingly collected
- 261 incl. var. *oblonga* Torr. & A. Gray
- 262 incl. var. *acutiflorum* (Elliott) S.F. Blake
- 263 incl. var. *multicaule* (Michx. ex Willd.) Fosberg
- 264 incl. *H. spathulatum* (Spach) Steud.
- 265 treated by some authors a part of *H. ascyron* L.
- 266 incl. var. *padifolia* (Willd.) Torr. & A. Gray ex S. Watson, var. *tenuifolia* (Torr.) S. Watson
- 267 FNA erroneously does not list for Ohio
- 268 incl. var. *smalliana* Fernald ex M.E. Edwards
- 269 confusing nomenclature with frequent name shifts; this treatment follows Gleason and Cronquist (1991) and includes all named varieties and subspecies of *J. alpinus*; *J.* until further research clarifies this situation
- 270 ours var. *balticus* (Willd.) Trautvetter
- 271 *J. brachycephalus*, *J. canadensis*, *J. subcaudatus* have been treated as distinct spp., varieties of *J. canadensis*, or two polymorphic spp. (*J. canadensis*, *J. brachycephalus*)
- 272 *J. brachycephalus*, *J. canadensis*, *J. subcaudatus* have been treated as distinct spp., varieties of *J. canadensis*, or two polymorphic spp. (*J. canadensis*, *J. brachycephalus*)
- 273 incl. var. *decipiens* Buchenau, var. *pylaei* (Laharpe) Fernald, var. *solutus* Fernald & Wiegand
- 274 erroneously treated by some authors as part of *J. tenuis* var. *tenuis* Willd.
- 275 FNA merges *J. marginatus* Rostk. and *J. biflorus* Elliott into single variable *J. marginatus* complex
- 276 *J. brachycephalus*, *J. canadensis*, *J. subcaudatus* have been treated as distinct spp., varieties of *J. canadensis*, or two polymorphic spp. (*J. canadensis*, *J. brachycephalus*)
- 277 incl. var. *williamsii* Fernald
- 278 var. *depressa* Pursh (subsp. *depressa* (Pursh) Franco)
- 279 incl. var. *crebra* Fernald & Griscom
- 280 incl. var. *culta* Farw.
- 281 incl. var. *corymbulosa* Torr. & A. Gray
- 282 incl. var. *canadensis*, var. *latifolia* Kuntze, var. *longifolia* (Michx.) Farw., var. *obovata* Wieg.
- 283 incl. var. *floridana*, var. *villosa* (Jacq.) Cronq.

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- 284 incl. var. *integrata* Gren. & Godr., var. *serriola*
285 some authors incl. *L. japonicus* Willd. in *L. martimus*
286 some authors treat as part of *L. thymifolia* Michx.
287 some authors treat as part of *L. villosa* Elliott
288 for purposes of the Ohio FQAI a *L. minor* sensu lato is defined to incl. *L. turionifera* Landolt, *L. obscura* (Austin) Dobbs, *L. minuta* HBK., and *Lemna perpusilla* Torr. given the equivalent habitat preferences of these species and the difficulty in identifying them in the field and lab. This is contrary to the recent treatment in FNA and is a pragmatic not a
289 some authors incl. in *L. minor* (Cooperrider et al. 2001)
290 Cooperrider et al. (2001) treat as native to Ohio
291 incl. var. *fascicularis*, var. *acuminata* (Nash) Gleason
292 incl. var. *aspera*, var. *intermedia* (Lunell) Gaiser
293 treated as native by some authors
294 incl. var. *nieuwlandii* (Lunell) E.G. Voss
295 incl. var. *andinum* (Nutt.) Ker Gawl.
296 incl. var. *benzoin*, var. *pubescens* (E.J. Palmer & Steyerl.) Rehder
297 incl. var. *americana* (J. Forbes) Rehder
298 incl. var. *texanum* (Planch.) Fernald
299 also known as *Hemicarpha micrantha* var. *drummondii* (Nees) Freidl. or *H. micrantha* var. *aristulata* Coville
300 also known as *Hemicarpha micrantha* var. *micrantha* (Vahl) G.C. Tucker
301 incl. var. *croceum* (Fernald) Cronquist
302 incl. var. *simulans* Fernald
303 incl. var. *leptostachya* (A. DC.) Mack. & Bush, var. *spicata*
304 incl. var. *dasygyna* (Rehder) Gleason, var. *glaucescens* (Rydb.) Butters
305 incl. var. *flavescens* Gleason (incl. *L. flavida* Cockerell)
306 incl. *L. villosa* var. *tonsa* Fernald, *L. caerulea* var. *villosa* (Michx.) Torr. & A. Gray
307 incl. var. *glabrescens* (Kuntze) Shinners
308 incl. var. *acuminata*, var. *carolionae* S. Watson
309 incl. var. *mesochorea* F.J. Herm.
310 ours subsp. *multiflora*
311 incl. *L. chinense* Mill., *L. halimifolium* Mill.

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- 312 new to flora of Ohio
- 313 incl. var. *interius* Fernald
- 314 incl. var. *agrestis* (Knaf) Wilmott
- 315 incl. var. *pensylvanica* (Willd.) C.V. Morton
- 316 incl. subsp. *sativa* L., subsp. *falcata* (L.) Arcang.
- 317 incl. var. *americanum* (Michx.) Beauverd, var. *latifolium* Barton
- 318 incl. var. *canadensis* (L.) Kuntze, incl. var. *glabrata* (Benth.) Fernald and *M. gentilis* L.
- 319 hybrid of *M. aquatica* L. x *M. spicata* L.
- 320 some authors treat as nonnative but within range of species. Collection from Hamilton Co.
- 321 incl. var. *villicaulis* (Pennell) E.J. Palmer & Steyermer.
- 322 incl. *M. versicolor* (Pers.) Sims
- 323 some authors incl. in *M. stricta* Link ex Roem. & Schult.
- 324 Cooperrider et al. (2001) treat as native to Ohio
- 325 incl. *M. exalbescens* Fernald, *M. spicatum* var. *squamosum* (Laest) Hartm.
- 326 ours subsp. *guadalupensis*
- 327 nonnative or adventive populations are found in disturbed or artificial habitats. Collections in alkaline habitats at Resthaven Wildlife Area.
- 328 definite questions regarding nativeness of this species to Ohio flora. See Wentz and Stuckey (1971), Stuckey (1985). Some authors treat as nonnative to Ohio but at least one recent collection at an undisturbed alkaline kettle lake in Williams Co.
- 329 incl. subsp. *tuberosa* (Paine) Wiersema & Hellq.; *N. tuberosa* Paine
- 330 incl. var. *biennis*, var. *canescens* Torr. & A. Gray, var. *nutans* (G.F. Atk. & Bartlett) Wieg.; does not incl. *O. oakesiana* (A. Gray) J.W. Robbins, *O. parviflora* L.
- 331 does not incl. *O. tetragona* Roth (*O. fruticosa* var. *ambigua* Nutt.)
- 332 some authors treat variety of *O. biennis* L. or *O. parviflora* L.
- 333 incl. var. *parviflora* (*O. biennis* var. *p.* (L.) Torr. & A. Gray; does not include *O. oakesiana* (A. Gray) J.W. Robbins
- 334 much like *O. fruticosa* L. and not always sharply distinct from it
- 335 incl. var. *hispidissimum* (Mack.) Cronquist
- 336 incl. var. *spectabilis* (Willd.) A. Gray
- 337 incl. *Oxalis montana* Raf.
- 338 incl. subsp. *capillare* (*P. capillare* var. *occidentale* Rydb.)
- 339 incl. *P. tuckermanii* Fernald

APPENDIX D
FOOTNOTES
OHIO VASCULAR PLANT DATABASE

- 340 some authors treat as part of *P. inserta* (A. Kern.) Fritsch
341 incl. var. *glabrum* Vasey ex Scribn.
342 incl. *P. ciliatifolium* (Michx.) Vasey
343 incl. var. *glabriflora* Fernald
344 incl. *P. alluviorum* Pennell
345 does not incl. *P. calycosus* Small (*P. laevigatus* subsp. *calycosus* (Small) R.W. Benn.
346 may not be native in Ohio
347 incl. var. *crispa* (Benth.) W. Deame
348 ours var. *triflora* (Michx.) Reveal & C. R. Broome
349 incl. var. *purpurea* Michx.
350 very frequently an found as an escaped garden cultivar and is often planted in cemeteries
351 some native populations present but more often is found as an escaped cultivar
352 recent genetic work (Saltonstall 2002) suggests that nonnative genotypes are the invasive genotype expanding in Ohio and native genotypes are declining. See Blossey (2003) for morphological differences between native and nonnative stands.
353 native variety is var. *subglabrata* (Mack. & Bush) Cronquist; does not incl. nonnative variety var. *longifolia*
354 incl. var. *grisea* Waterf. (*P. pruinosa* L.), var. *integrifolia* (Dunal) Waterf., var. *pubescens*
355 incl. var. *intermedius* (Rydb.) B. L. Rob
356 incl. var. *arenaria* Shimek, var. *virginiana*
357 Native populations present in Ohio, but often planted or escaped from cultivation
358 Relatively small number of native populations but more is often planted or escaped from cultivation
359 incl. var. *herbiola* (R. Br. ex W.T. Aiton) Luer
360 treated by some authors as part of *P. satuens* Fernald & Weigand
361 incl. var. *reptans*, var. *villosum* E.L. Braun
362 incl. var. *aquilonia* Fernald & B.G. Schub.
363 incl. var. *latifolia* Torr. & A. Gray
364 incl. var. *ambigua* (Nutt.) A. W. Wood (*P. ambigua* Nutt.), var. *verticillata* (incl. var. *isocycla* Fernald, var. *spehnostachya* Penn.)
365 inc. var. *emersum* Michx. (formerly *P. coccineum*, var. *stipulaceum* N. Coleman (formerly *P. amphibium* L.)
366 incl. var. *pubescens* (Keller) Fernald
367 incl. var. *longisetum* (Bruyn) Steward

APPENDIX D
FOOTNOTES
OHIO VASCULAR PLANT DATABASE

- 368 treated by some authors as native to Europe and naturalized in North American wetlands
369 does not incl. *P. setaceum* Baldwin (*P. hydropiperoides* var. *setaceum* (Baldwin) Gleason)
370 some populations may be introduced
371 incl. var. *eglandulosum* Myers, var. *pensylvanicum* L.
372 does not incl. *P. robustius* (Small) Fernald (*P. punctatum* var. *robustus* Small)
373 incl. var. *scandens*, var. *cristatum* (Engelm. & A. Gray) Gleason; nonative var. *dumetorum* (L.) Gleason could be found in Ohio
374 treat by some authors as variety of *C. hydropiperoides* Michx.
375 incl. var. *michauxiana* Weath.
376 incl. var. *subcordata* Hyl.
377 incl. var. *deltoides* (A. Henry) A. Henry, var. *occidentalis* Rydb.
378 some authors treat plants of this variety as cultivar "Italica"
379 incl. var. *nuttallii* (Cham. & Schltld.) Fernald, var. *ramosus* (Peck) House
380 incl. var. *macellus* Fernald
381 incl. var. *foliosus*
382 incl. var. *maximus* Morong, var. *myriophyllus* J. W. Robbins
383 incl. var. *bupleuroides* (Fernald) Farw.
384 incl. subsp. *pusillus*, subsp. *tenuissimus* (Mertens & W.D.J. Koch) R.R. Haynes, *P. berchtoldii* Fieber
385 some authors treat as *P. inclinata* Vill.
386 incl. var. *lanceolata* (W. Bartram) Fernald
387 incl. var. *pumila* L. and var. *cuneata* (Raf.) L. H. Bailey (also knowns as *P. susquehanae* Willd. or *P. pumila* var. *susquehanae* (Willd.) H. Jaeger)
388 incl. var. *latiusculum* (Desv.) Underw. (Eastern Bracken) and var. *pseudocaudatum* (Clute) A. Heller (Tailed Bracken)
389 incl. var. *viridifolium* Fernald
390 perhaps better treated as *Orthilia secunda* (L.) House according to Gleason & Cronquist (1991)
391 incl. var. *dasycalyx* Rehder, var. *lancifolia* (Rehder) C. F. Reed, and *Malus glaucescens* Rehd.
392 incl. *Quercus ellipsoidalis* E. J. Hill
393 incl. *Q. montana* Willd.
394 incl. var. *ambigua* (A. Gray) Fernald, var. *borealis* (F. Michx.) Farw., *Q. borealis* var. *borealis* F. Michx., *Q. borealis* var. *maxima* (Marshall) Ashe
395 incl. vars. *caricetorum* (Greene) T. Duncan, var. *hispidus*, var. *nitidus* (Chapm.) T. Duncan
396 incl. var. *pleniflorus* Fernald

APPENDIX D
FOOTNOTES
OHIO VASCULAR PLANT DATABASE

- 397 incl. var. *mollis* Fernald
- 398 incl. var. *glabrata* Gleason
- 399 incl. var. *latifolia* Engl.; also spelled *Rhus copallina*
- 400 Ohio material of *R. globularis* (Chapm.) Small is var. *recognita* Gale or *R. recognita* (Gale) Kral (Novon 9:205-219 (1999)); although FNA does not list *R. recognita* for Ohio and does map *R. globularis* var. *globularis* for Ohio this appears to be in error
- 401 incl. var. *glabrum* Fernald
- 402 incl. var. *hirtellum*, var. *calcicola* (Fernald) Fernald
- 403 incl. var. *fernaldiana* (Butters & Abbe) Stuckey, var. *hispidula* (Desv.) Rydb.
- 404 does not incl. *R. micrantha* J.E. Smith
- 405 incl. by some authors in *R. eglantheria* L.
- 406 incl. var. *tomentosa* Torr. & A. Gray
- 407 some Ohio material has been identified as *R. orarius* Blanch and this species included here in *R. allegheniensis* Porter until future study clarifies problem
- 408 some Ohio material has been identified as *R. enslenii* Tratt. and this species included here
- 409 incl. var. *hispidus*, var. *obovalis* (Michx.) Fernald
- 410 some Ohio material has been identified as *R. argutus* Link. and *R. canadensis* L. and these spp. included here in *R. pensylvanicus* until future study clarifies this problem; also incl. here are *R. bushii* L.H. Bailey, *R. frondosus* Bigelow, *R. recurvans* Blanch.
- 411 incl. var. *fulgida*, var. *sullivantii* (Boynton & Beadle) Cronq., var. *umbrosa* (Boynton & Beadle) Cronq.
- 412 incl. var. *pulcherrima* Farw.
- 413 incl. native var. *laciniata*; does not incl. nonnative var. *hortensa* L.H. Bailey if found
- 414 incl. var. *calvescens* Fernald
- 415 incl. var. *ueginus* (Phil.) Dusen
- 416 some authors treat as nonnative to N.A. but FNA treats N.A. and Eurasian material as conspecific with worldwide distribution
- 417 ours subsp. *graminea*; does not incl. *S. platyphylla* (Engelm.) J.G. Sm.
- 418 incl. var. *obtusa* (Engelm. Wieg., var. *pubescens* (Muhl.) J.G. Sm.
- 419 incl. var. *alba* L., var. *calva* G. Mey, var. *vitellina* (L.) Stokes
- 420 incl. var. *latifolia* Andersson
- 421 incl. var. *angustata* (Pursh) Fernald
- 422 incl. all varieties and forms
- 423 does not incl. *Salix occidentalis* Walter (*S. humilis* var. *tristis* (Aiton) Griggs (*S. tristis* Aiton))

APPENDIX D
FOOTNOTES
OHIO VASCULAR PLANT DATABASE

- 424 incl. *Salix glaucophylloides* Fernald
425 incl. var. *hypoglauca* Fernald
426 incl. *S. subsericea* (Andersson) C.K. Schneid.
427 treated by some authors as *S. kali* var. *tenuifolia* Tausch
428 incl. var. *rotundifolia* (Greene) Fedde
429 incl. var. *grandis* Fernald
430 incl. var. *molle* (Raf.) Fernald
431 incl. var. *americana* Fernald
432 also spelled *S. scoparium* var. *littoralis*
433 ours var. *acutus*
434 recently added to flora of Ohio from Cedar Point Wildlife area
435 Cooperrider et al. (2001) incl. here Ohio material previously identified as *Scirpus americanus* Pers.
436 incl. var. *purshianus* and var. *williamsii* (Fernald) S.G. Smith; FNA erroneously does not map for Ohio
437 incl. var. *smithii*, var. *setosus* (Fernald) S.G. Smith; some authors treat this as part of *Schoenoplectus purshianus* (Fernald) M.T. Strong
438 incl. var. *creber* (Fernald) A. Love & D. Love, var. *validus*
439 incl. var. *pelius* Fernald, *S. rubricosus*
440 elevated to specific rank by FNA, some authors incl. in *S. atrovirens* Willd.
441 elevated to specific rank by FNA, some authors incl. in *S. cyperinus* (L.) Kunth; *S. atrocinctus* Fernald also has been split from *S. cyperinus* and could be found in Ohio
442 *Scirpus lineatus* Michx. erroneously applied to *S. pendulus*
443 incl. var. *pauciflora*, var. *caroliniana* (Willd.) A.W. Wood
444 incl. var. *elliptica*, var. *hirsuta* (Short & R. Peter) Fernald
445 incl. var. *calvifolia* Fernald, var. *nervosa*
446 var. *versicolor* (Nutt.) Fernald
447 incl. var. *leonardii* (Epling) Fernald (*S. leonardii* Epling), var. *parvula*
448 A few authors treat as native to Ohio. Cooperrider et al. (2001) treat as nonnative.
449 incl. *S. pratensis* (Raf.) Godr. & Gren.
450 incl. *S. cucubalis* Wibel and *S. latifolia* (Mill.) Britten & Rendle, not incl. *S. latifolia* Poir.
451 incl. var. *lucy-brauniae* Steyerl., var. *terebinthaceum*; a cut-leaved form is also sometimes sometimes called var. *pinnatifidum*
452 incl. var. *crebrum* Fernald; FNA erroneously does not list for Ohio

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FOOTNOTES
OHIO VASCULAR PLANT DATABASE

- 453 incl. var. *leurophylla* S.F. Blake
- 454 FNA elevates to specific rank
- 455 FNA elevates to specific rank
- 456 incl. var. *villosissimum* Desv.
- 457 incl. *S. americanum* Mill., *S. ptychanthum* Dunal
- 458 some authors treat as part of *S. cornutum* Lam.
- 459 incl. var. *canadensis*, var. *rupestris* (Raf.) Porter, var. *scabra* Torr. & A. Gray (*S. altissima* L.)
- 460 incl. var. *leiophylla* Fernald
- 461 incl. var. *patula*
- 462 incl. var. *rigida*, var. *glabrata* E. L. Braun (*S. jacksonii* (Kuntze) Fernald)
- 463 incl. var. *aspera* (Aiton) Fernald, var. *rugosa*
- 464 incl. var. *speciosa*, var. *rigidiuscula* Torr. & A. Gray; does not incl. *S. erecta* Pursh (*S. speciosa* var. *erecta* (Pursh) MacMill.
- 465 incl. *S. purshii* Porter
- 466 incl. var. *arvensis*, var. *glabrescens* Gunther, Grab. and Wimm. (*S. uliginosus* M. Bieb.)
- 467 incl. *S. vulgare* Pers.
- 468 Ohio material is similar to less robust specimens of *S. emersum* and has long been referred to as *S. chlorocarpum* Rydb. which FNA recognizes as a form until definitive range wide studies performed
- 469 incl. var. *rosea* (Raf.) Fernald
- 470 incl. var. *gracilis* (Bigelow) Luer
- 471 incl. var. *erostellata* Catling
- 472 FNA erroneously does not list for Ohio
- 473 treated by some authors as a variety of *S. vaginiflorus* (Torr.) A.W. Wood (var. *ozarkansus* (Fernald) Shinnery)
- 474 does not incl. *S. ozarkanus* Fernald
- 475 incl. all varieties except var. *hispida* (Pursh) Boivin (*S. hispida* Pursh)
- 476 incl. var. *pubera*, Michx., var. *sylvatica* (Beg.) Weath. (*S. corei* Shinnery)
- 477 incl. var. *lanceolatus*, var. *roseus* (Michx.) Reveal
- 478 Cooperrider et al. (2001) treat as native to Ohio. The USDA Plant database treat as native and place Ohio within the species natural range. However, there are only 2 ca1930s records from Richland Co. at the OSU Herbarium that may not be correctly identified
- 479 ours subsp. *alpina* (Blytt) R.R. Haynes, Les, M. Kral

APPENDIX D
FOOTNOTES
OHIO VASCULAR PLANT DATABASE

- 480 incl. *S. riparia* Kearney
- 481 note: doubtful (probably mis-labeled) collection of *S. americanus* Lam. from one Ohio county
- 482 disagreement exists as to correct citation; some authors attribute to (L.) Nuttall
- 483 incl. var. *canadense* (L.) Eaton, var. *occidentale* (A. Gray) E. M. McClint & Epling
- 484 incl. *T. polygamum* Muhl. ex Spreng.
- 485 incl. var. *angustifolium* J. M. Coult. & Rose
- 486 incl. var. *flavum* S. F. Blake, var. *trifoliatum*
- 487 incl. var. *pubescens* (G. Lawson) Fernald
- 488 incl. *T. neglecta* Spach
- 489 some authors treat as variety of *T. radicans* (L.) Kuntze
- 490 incl. var. *tubulosum* (Walter) Gleason; does not incl. var. *walteri* (J.G. Gmel) Cooperr (*T. walteri* (J.G. Gmel) Gleason)
- 491 incl. var. *virginicum* (L.) Raf.; does not incl. var. *fraseri* (Spach) Cooperr. (*T. fraseri* (Spach) Gleason)
- 492 some authors treat as part of *T. agrarium* L.
- 493 some authors treat as part of *T. procumbens* L.
- 494 incl. var. *glabrum* Lojac
- 495 *T. maritimum* is a long perpetuated mis-spelling
- 496 also known as *T. palustris*; differences in ending depending on arguments over etymology of generic name
- 497 incl. var. *schaffneri* Camp
- 498 some authors suggest this species is introduced from Eurasia on Atlantica coast and spread westward but FNA treats as *T. angustifolia* as a native taxa that has become aggressive and weedy with human disturbance
- 499 hybrid of *Typha angustifolia* x *Typha latifolia*
- 500 inc. var. *gracilis* (Aiton) C.L. Hitchc.
- 501 incl. *U. macrorhiza* Leconte
- 502 incl. *V. brittonii* Porter, *V. lamarckii* Camp
- 503 incl. *V. atrococcum* (A. Gray) A. Heller, *V. simulatum* Small
- 504 incl. *V. altomontanum* Ashe, *V. vacillans* Kalm
- 505 incl. *V. melancarpum* var. *neglecta* (Small) Deam, *V. caesium* Greene
- 506 incl. *V. austiaca* L., *V. teucrium* L.
- 507 does not incl. nonnative var. *xalapensis* (Kunth) H. St. John & F.A. Warren

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OHIO VASCULAR PLANT DATABASE

- 508 incl. var. *glabrescens* Rehder
- 509 incl. *V. lantanoides* Michx.
- 510 incl. all varieties except *V. dentatum* var. *lucidum* Aiton (*V. recognitum* Fernald)
- 511 incl. var. *affine* (Bush) House, var. *rafinosquianum*
- 512 does not incl. *V. sativa* var. *nigra* L. (*V. angustifolia* L.)
- 513 incl. var. *palustriformis* A. Gray, *A. incognita* Brainerd
- 514 treated by some authors as part of *V. obliqua* Hill
- 515 incl. var. *pallens* (Banks ex DC.) C.L. Hitchc.
- 516 treated by some authors as part of *V. sororia* var. *soraria* Willd.
- 517 common phase in northeastern U.S. which passes into var. *pedatifida* (G. Don) Cronquist to west; incl. *V. triloba* Schwein (*V. palmata* var. *triloba* (Schwein) Ging.; does not incl. *V. palmata* L.
- 518 western variety mainly of prairies; does not include *V. palmata* L.
- 519 incl. var. *pubescens* Aiton, var. *scabriuscula* Torr. & A. Gray
- 520 incl. by some authors in *V. bicolor* Pursh
- 521 incl. *V. fimbriatula* Sm. (*V. sagittata* var. *ovata* (Nutt.) Torr. & A. Gray)
- 522 incl. var. *soraria* and incl. *V. affinis* Leconte (a form with spurred petal bearded), *V. papilionacea* forma *beckwithiae* House, forma *priceana* (Pollard) Cooperr. (Confederate violet)
- 523 incl. var. *glaberrima* (DC.) R. M. Harper, var. *tripartita* Elliott
- 524 Ohio material referable to *V. hirsutula* although incl. in *V. villosa* by Gleason & Cronquist (1991) and treated as *V. hirsutula* Brainerd by Cooperrider et al. (2001)
- 525 incl. var. *aestivalis*, var. *bicolor* Deam (incl. var. *argentifolia* (Munson) Fernald)
- 526 incl. var. *baileyana* (Munson) Comeaux (*V. baileyana* Munson)
- 527 incl. *V. labruscana* L.H. Bailey
- 528 treated by some authors as part of *V. lineata* (L.) Sm.
- 529 incl. var. *glauca* (Nutt.) Fernald
- 530 incl. *W. punctata* of FNA authors not *W. punctata* Griseb. (which is incl. in *W. brasiliensis* Weddell)
- 531 incl. *W. papulifera* C. Thompson and *W. punctata* Griseb.
- 532 incl. var. *canadense* (Mill.) Torr. & A. Gray, var. *glabratum* (DC.) Cronquist
- 533 incl. Ohio plants that have until recently been identified as *Xyris carolinana* Walt.; ours var. *difformis*
- 534 incl. var. *glaucus* (Nutt.) Cronquist
- 535 recently added to flora of Ohio based on Clermont Co. collection in acidic Illinoisan till plains flats wetland

APPENDIX D
FOOTNOTES
OHIO VASCULAR PLANT DATABASE

- 536 recently recognized by FNA (formerly incl. in *H. selago*) and confirmed from specimens collected in 1982 in Licking Co.
- 537 recently discovered in Jackson Co. in pin oak flats and nearby areas
- 538 incl. var. *fluitans* (Elliott) J. Wipff & S.D. Jones (*Paspalum fluitans* (Elliott) Kunth)
- 539 also spelled *S. alopecuroides* and *S. alopecuroideum*
- 540 ours subsp. *calycina* (Engelm.) Bogin (*S. calycina* var. *calycina* Engelm.; *Lophotocarpus calycinus* (Engelm.) J.G. Sm.)
- 541 recently recognized species separated from *E. glabriflorus* (Vasey ex Dewey) Scribn. & Ball; distinguishable by very long awns and wide internodes between spikelets

APPENDIX E
OCCASIONAL ADVENTIVE VASCULAR PLANTS

SCIENTIFIC NAME	AUTHORITY	FAMILY	COMMON NAME
<i>ACER PALMATUM</i>	Thunb.	Aceraceae	JAPANESE MAPLE
<i>ACER TATARICUM</i>	L.	Aceraceae	TATARIAN MAPLE
<i>AEGILOPS CYLINDRICA</i>	Host	Poaceae	JOINTED GOAT-GRASS
<i>AESCULUS HIPPOCASTANUM</i>	L.	Hippocastanaceae	HORSE-CHESTNUT
<i>AETHUSA CYNAPIUM</i>	L.	Apiaceae	FOOL'S-PARSLEY
<i>AGROPYRON DESERTORUM</i>	(Fisch. ex Link) Schult.	Poaceae	WHEATGRASS
<i>AIRA CARYOPHYLLEA</i>	L.	Poaceae	SILVER HAIR GRASS
<i>AJUGA GENEVENSIS</i>	L.	Lamiaceae	ERECT BUGLE-WEED
<i>ALLIUM SCHOENOPRASUM</i>	L.	Liliaceae	CHIVES
<i>ALOPECURUS MYOSUROIDES</i>	Huds.	Poaceae	MOUSE FOXTAIL
<i>ALOPECURUS PRATENSIS</i>	L.	Poaceae	MEADOW FOXTAIL
<i>ALYSSUM SAXATILE</i>	L.	Brassicaceae	GOLDENTUFT
<i>AMARANTHUS BLITUM</i>	L.	Amaranthaceae	AMARANTH
<i>AMARANTHUS CRUENTUS</i>	L.	Amaranthaceae	RED AMARANTH
<i>AMARANTHUS PALMERI</i>	S. Wats.	Amaranthaceae	CARELESS WEED
<i>AMARANTHUS POWELLII</i>	S. Wats.	Amaranthaceae	TALL AMARANTH
<i>AMSINCKIA LYCOPSOIDES</i>	Lehm.	Boraginaceae	TARWEED
<i>AMSONIA TABERNAEMONTANA</i>	Walter	Apocynaceae	BLUE-STAR
<i>ANCHUSA ARVENSIS</i>	(L.) Bieb	Boraginaceae	SMALL BUGLOSS
<i>ANCHUSA AZUREA</i>	Mill.	Boraginaceae	GARDEN BUGLOSS
<i>ANCHUSA OFFICINALIS</i>	L.	Boraginaceae	COMMON BUGLOSS
<i>ANETHUM GRAVEOLENS</i>	L.	Apiaceae	DILL
<i>ANTHEMIS NOBILIS</i>	L.	Asteraceae	CHAMOMILE
<i>ANTHOXANTHUM ARISTATUM</i>	Boiss.	Poaceae	VERNAL GRASS
<i>ANTHRISCUS CAUCALIS</i>	M. Bieb.	Apiaceae	BUR CHERVIL
<i>ANTHRISCUS SYLVESTRIS</i>	(L.) Hoffm.	Apiaceae	FALSE CHERVIL
<i>ANTHYLLIS VULNERARIA</i>	L.	Fabaceae	WOUNDWORT
<i>ANTIRRHINUM MAJUS</i>	L.	Scrophulariaceae	SNAPDRAGON

APPENDIX E
OCCASIONAL ADVENTIVE VASCULAR PLANTS

SCIENTIFIC NAME	AUTHORITY	FAMILY	COMMON NAME
<i>ANTIRRHINUM ORONTIUM</i>	L.	Scrophulariaceae	LESSER SNAPDRAGON
<i>APERA SPICA-VENTI</i>	(L.) P. Beauv.	Poaceae	OPEN LITTLE-AWNED GRASS
<i>APIUM GRAVEOLENS</i>	L.	Apiaceae	CELERY
<i>AQUILEGIA VULGARIS</i>	L.	Ranunculaceae	GARDEN COLUMBINE
<i>ARGEMONE ALBIFLORA</i>	Hornem.	Papaveraceae	WHITE PRICKLY POPPY
<i>ARGEMONE MEXICANA</i>	L.	Papaveraceae	MEXICAN PRICKLY POPPY
<i>ARISTOLOCHIA CLEMATITIS</i>	L.	Aristolochiaceae	BIRTHWORT
<i>ARMORACIA RUSTICANA</i>	P. Gaertn., B. Mey. & Scherb.	Brassicaceae	HORSERADISH
<i>ARNOSERIS MINIMA</i>	(L.) Schweigg. & Korte	Asteraceae	DWARF NIPPLEWORT
<i>ARTEMISIA ABSINTHIUM</i>	L.	Asteraceae	WORMWOOD
<i>ASPERUGO PROCUMBENS</i>	L.	Boraginaceae	MADWORT
<i>ATRIPLEX ROSEA</i>	L.	Chenopodiaceae	SALTBUSH
<i>AVENA FATUA</i>	L.	Poaceae	WILD OATS
<i>AVENA SATIVA</i>	L.	Poaceae	OATS
<i>BALLOTA NIGRA</i>	L.	Lamiaceae	BLACK HOREHOUND
<i>BECKMANNIA SYZIGACHNE</i>	(Steud.) Fernald	Poaceae	AMERICAN SLOUGH GRASS
<i>BETULA ALBA</i>	L.	Betulaceae	WHITE BIRCH
<i>BETULA PAPYRIFERA</i>	Marshall	Betulaceae	PAPER BIRCH
<i>BETULA PENDULA</i>	Roth	Betulaceae	EUROPEAN WHITE BIRCH
<i>BORAGO OFFICINALIS</i>	L.	Boraginaceae	TALEWORT
<i>BOUTELOUA GRACILIS</i>	(Willd. ex Kunth) Lag. ex Griffiths	Poaceae	BLUE GRAMA GRASS
<i>BOUTELOUA HIRSUTA</i>	Lag.	Poaceae	HAIRY GRAMA GRASS
<i>BRASSICA ALBA</i>	(L.) Rabenh.	Brassicaceae	WHITE MUSTARD
<i>BRASSICA OLERACEA</i>	L.	Brassicaceae	CABBAGE
<i>BROMUS ARVENSIS</i>	L.	Poaceae	FIELD BROME
<i>BROMUS BRIZAEFORMIS</i>	Fisch. & C.A. Mey.	Poaceae	RATTLESNAKE-CHESS
<i>BROMUS HORDACEUS</i>	L.	Poaceae	SOFT CHESS
<i>BROWALLIA AMERICANA</i>	L.	Solanaceae	BUSH-VIOLET

APPENDIX E
OCCASIONAL ADVENTIVE VASCULAR PLANTS

SCIENTIFIC NAME	AUTHORITY	FAMILY	COMMON NAME
<i>BUDDLEJA DAVIDII</i>	Franch.	Buddlejaceae	BUTTERFLY-BUSH
<i>BUNIAS ORIENTALIS</i>	L.	Brassicaceae	TURKISH ROCKET
<i>BUPLEURUM LANCIFOLIUM</i>	Hornem.	Apiaceae	ROUGH-FRUITED THOROUGHWAX
<i>BUPLEURUM ROTUNDIFOLIUM</i>	L.	Apiaceae	THOROUGHWAX
<i>BUXUS SEMPERVIRENS</i>	L.	Buxaceae	COMMON BOXWOOD
<i>CALAMOGROSTIS CINNOIDES</i>	(Muhl.) Barton	Poaceae	EASTERN BLUEJOINT
<i>CARDIOSPERMUM HALICACABUM</i>	L.	Sapindaceae	BALLOON-VINE
<i>CARYA ILLINOENSIS</i>	(Wangenh.) K. Koch	Juglandaceae	PECAN
<i>CASTANEA PUMILA</i>	(L.) Miller	Fagaceae	CHINQUAPIN
<i>CATALPA OVATA</i>	G. Don	Bignoniaceae	CHINESE CATALPA
<i>CENTAUREA REPENS</i>	L.	Asteraceae	RUSSIAN KNAPWEED
<i>CENTAUREA SCABIOSA</i>	L.	Asteraceae	HARD-HEADS
<i>CENTAUREA SOLSTITIALIS</i>	L.	Asteraceae	YELLOW STAR-THISTLE
<i>CENTAURIUM ERYTHRAEA</i>	Raf.	Asteraceae	FORKING CENTAURY
<i>CERASTIUM PUMILUM</i>	Curtis	Caryophyllaceae	DWARF CHICKWEED
<i>CERASTIUM TOMENTOSUM</i>	L.	Caryophyllaceae	SNOW-IN-SUMMER
<i>CHAENOMELES LAGENARIA</i>	(Loisel.) Koidz.	Rosaceae	JAPANESE QUINCE
<i>CHENOPODIUM INCANUM</i>	(S. Watson) A. Heller	Chenopodiaceae	HOARY GOOSEFOOT
<i>CHENOPODIUM PUMILIO</i>	R. Br.	Chenopodiaceae	KEELED GOOSEFOOT
<i>CHORISPORA TENELLA</i>	(Pallas) DC	Brassicaceae	BLUE MUSTARD
<i>CHRYSANTHEMUM MAXIMUM</i>	Ramond	Asteraceae	CHRYSANTHEMUM
<i>CHRYSOPSIS CAMPORUM</i>	Greene	Asteraceae	PRAIRIE GOLDEN ASTER
<i>CIRSIUM PLATTENSE</i>	(Rydb.) Cockerell ex Daniels	Asteraceae	PRAIRIE THISTLE
<i>CITRULLUS LANATUS</i>	(Thunb.) Matsum. & Nakai	Cucurbitaceae	WATERMELON
<i>CLADRASTIS KENTUCKEA</i>	(Dum. Cours.) Rudd.	Fabaceae	YELLOW-WOOD
<i>CLARKIA PULCHELLA</i>	Pursh.	Onagraceae	FAREWELL-TO-SPRING
<i>CLEMATIS TERNIFLORA</i>	DC	Ranunculaceae	JAPANESE VIRGIN'S-BOWER
<i>CLEOME SERRULATA</i>	Pursh.	Capparaceae	STINKING CLOVER

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SCIENTIFIC NAME	AUTHORITY	FAMILY	COMMON NAME
<i>CORIANDRUM SATIVUM</i>	L.	Apiaceae	CORIANDER
<i>CORYDALIS AUREA</i>	Willd.	Fumariaceae	GOLDEN CORYDALIS
<i>COSMOS BIPINNATUS</i>	Cav.	Asteraceae	COMMON COSMOS
<i>COTINUS COGGYGRIA</i>	Scop.	Anacardiaceae	SMOKE-TREE
<i>COTONEASTER PYRACANTHA</i>	(L.) Spach	Rosaceae	FIRE-THORN
<i>CREPIS TECTORUM</i>	L.	Asteraceae	HAWK'S BEARD
<i>CRYPISIS SCHOENOIDES</i>	(L.) Lam.	Poaceae	FALSE-TIMOTHY
<i>CUCUMIS MELO</i>	L.	Cucurbitaceae	MUSKMELON
<i>CUCURBITA FOETIDISSIMA</i>	Kunth	Cucurbitaceae	MISSOURI GOURD
<i>CUCURBITA MAXIMA</i>	Duchesne	Cucurbitaceae	SQUASH
<i>CUCURBITA PEPO</i>	L.	Cucurbitaceae	PUMPKIN
<i>CUSCUTA EPILINUM</i>	Weihe	Cuscutaceae	FLAX DODDER
<i>CUSCUTA SUAVEOLENS</i>	Ser.	Cuscutaceae	ALFALFA DODDER
<i>CYMBALARIA MURALIS</i>	P. Gaertn., B. Mey. & Scherb.	Scrophulariaceae	KENILWORTH-IVY
<i>CYNOSURUS ECHINATUS</i>	L.	Poaceae	LONG-AWNED DOG'S-TAIL GRASS
<i>DALEA LEPORINA</i>	(Aiton) Bullock	Fabaceae	HAIR'S-FOOT DALEA
<i>DAPHNE MEZEREUM</i>	L.	Thymelaceae	MEZEREON
<i>DATURA WRIGHTII</i>	Regel	Solanaceae	INDIAN APPLE
<i>DIANTHUS CARYOPHYLLUS</i>	L.	Caryophyllaceae	CARNATION
<i>DICENTRA EXIMIA</i>	(Ker Gawl.) Torr.	Fumariaceae	WILD BLEEDING-HEART
<i>DIGITALIS GRANDIFLORA</i>	Mill.	Scrophulariaceae	LARGE-FLOWERED FOXGLOVE
<i>DIGITALIS LANATA</i>	Ehrh.	Scrophulariaceae	GRECIAN FOXGLOVE
<i>DIGITALIS LUTEA</i>	L.	Scrophulariaceae	YELLOW FOXGLOVE
<i>DIGITALIS PURPUREA</i>	L.	Scrophulariaceae	PURPLE FOXGLOVE
<i>DIPSACUS SATIVUS</i>	(L.) Honck.	Dipsacaceae	FULLER'S TEASEL
<i>DOLICHOS LABLAB</i>	L.	Fabaceae	HYACINTH BEAN
<i>DRACOCEPHALUM PARVIFLORUM</i>	Nutt.	Lamiaceae	AMERICAN DRAGONHEAD
<i>ELAEAGNUS MULTIFLORA</i>	Thunb.	Eleagnaceae	RUSSIAN-OLIVE

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SCIENTIFIC NAME	AUTHORITY	FAMILY	COMMON NAME
<i>ELLISIA NYCTELEA</i>	(L.) L.	Hydrophyllaceae	WATER-POD
<i>ERAGROSTIS CURVULA</i>	(Schrad.) Nees	Poaceae	WEEPING LOVEGRASS
<i>ERANTHIS HYEMALIS</i>	(L.) Salisb.	Ranunculaceae	WINTER ACONITE
<i>ERICA TETRALIX</i>	L.	Ericaceae	CROSS-LEAVED HEATHER
<i>ESCHSCHOLTZIA CALIFORNICA</i>	Cham.	Papaveraceae	CALIFORNIA POPPY
<i>EUPHORBIA CYATHOPHORA</i>	Murray	Euphorbiaceae	FIRE-ON-THE-MOUNTAIN
<i>EUPHORBIA FALCATA</i>	L.	Euphorbiaceae	FALCATE SPURGE
<i>EUPHORBIA HELIOSCOPA</i>	L.	Euphorbiaceae	SUN SPURGE
<i>EUPHORBIA PROSTRATA</i>	Aiton	Euphorbiaceae	GROUND-FIG SPURGE
<i>FOENICULUM VULGARE</i>	Mill.	Apiaceae	FENNEL
<i>FORSYTHIA X INTERMEDIA</i>	Zabel	Oleaceae	FORSYTHIA
<i>FRAGARIA CHILOENSIS</i>	(L.) Mill.	Rosaceae	BEACH STRAWBERRY
<i>GAILLARDIA PULCHELLA</i>	Foug.	Asteraceae	ROSE-RING BLANKET-FLOWER
<i>GALANTHUS NIVALIS</i>	L.	Liliaceae	SNOWDROP
<i>GALAX URCEOLATA</i>	(Poir.) Brummitt	Diapensiaceae	WAND-FLOWER
<i>GAURA LONGIFLORA</i>	Spach	Onagraceae	WESTERN GAURA
<i>GAURA PARVIFLORA</i>	Douglas ex Lehm.	Onagraceae	SMALL-FLOWERED GAURA
<i>GENISTA TINCTORIA</i>	L.	Fabaceae	DYER'S GREENWEED
<i>GERANIUM SANGUINEUM</i>	L.	Geraniaceae	BLOOD-RED CRANE'S-BILL
<i>GILIA CAPITATA</i>	Sims	Polemoniaceae	GILIA
<i>GILIA RUBRA</i>	(L.) Wherry	Polemoniaceae	STANDING CYPRESS
<i>GLYCINE MAX</i>	(L.) Merr.	Fabaceae	SOYBEAN
<i>GOMPHRENA GLOBOSA</i>	L.	Amaranthaceae	GLOBE-AMARANTH
<i>GYPSOPHILA MURALIS</i>	L.	Caryophyllaceae	CUSHION BABY'S BREATH
<i>GYPSOPHILA PANICULATA</i>	L.	Caryophyllaceae	BABY'S BREATH
<i>GYPSOPHILA SCORZONERIFOLIA</i>	Ser.	Caryophyllaceae	GARDEN BABY'S BREATH
<i>HELENIUM AMARUM</i>	(Raf.) H. Rock	Asteraceae	NARROW-LEAVED SNEEZEWEED
<i>HELIANTHUS ANGUSTIFOLIUS</i>	L.	Asteraceae	NARROW-LEAVED SUNFLOWER

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SCIENTIFIC NAME	AUTHORITY	FAMILY	COMMON NAME
<i>HELIOTROPIUM EUROPAEUM</i>	L.	Boraginaceae	EUROPEAN HELIOTROPE
<i>HELIOTROPIUM INDICUM</i>	L.	Boraginaceae	INDIAN HELIOTROPE
<i>HELLEBORUS VIRIDIS</i>	L.	Ranunculaceae	GREEN HELLEBORE
<i>HEMEROCALLIS LILIOASPHODELIS</i>	L.	Liliaceae	YELLOW DAY-LILY
<i>HIBISCUS SYRIACUS</i>	L.	Malvaceae	ROSE OF SHARON
<i>HORDEUM VULGARE</i>	L.	Poaceae	BARLEY
<i>HOSTA LANCIFOLIA</i>	(Thunb.) Engl.	Liliaceae	LANCE-LEAVED PLANTAIN-LILY
<i>HYDROCOTYLE SIBTHORPIOIDES</i>	Lam.	Apiaceae	LAWN-PENNYWORT
<i>IBERIS UMBELLATA</i>	L.	Brassicaceae	GLOBE CANDYTUFT
<i>IMPATIENS BALSAMINA</i>	L.	Balsaminaceae	BALSAM
<i>IRIS GERMANICA</i>	L.	Iridaceae	GERMAN IRIS
<i>IVA ANNUA</i>	L.	Asteraceae	SUMPWEED
<i>IVA XANTHIFOLIA</i>	Nutt.	Asteraceae	BIG MARSH-ELDER
<i>JACQUEMONTIA TAMNIFOLIA</i>	(L.) Choisy	Convolvulaceae	HAIRY CLUSTER-VINE
<i>KERRIA JAPONICA</i>	(L.) DC	Rosaceae	KERRIA
<i>KICKXIA SPURIA</i>	(L.) Dumort	Scrophulariaceae	FLUELLIN
<i>KOELREUTERIA PANICULATA</i>	Laxm.	Sapindaceae	GOLDEN-RAINTREE
<i>LACTUCA PULCHELLA</i>	(Pursh) DC.	Asteraceae	BLUE LETTUCE
<i>LATHYRUS PRATENSIS</i>	L.	Fabaceae	MEADOW PEA
<i>LEONTODON TARAXACOIDES</i>	(Villars) Merat	Asteraceae	LITTLE HAWKBIT
<i>LEPIDIUM SATIVUM</i>	L.	Brassicaceae	GARDEN-CRESS
<i>LEPTOCHLOA FILIFORMIS</i>	(Lam.) P. Beauv.	Poaceae	RED SPRANGLETOP
<i>LESPEDEZA BICOLOR</i>	Turcz.	Fabaceae	SHRUBBY LESPEDEZA
<i>LESPEDEZA FORMOSA</i>	(Vogel) Koehne	Fabaceae	FORMOSAN LESPEDEZA
<i>LESPEDEZA THUNBERGII</i>	(DC.) Nakai	Fabaceae	JAPANESE BUSH-CLOVER
<i>LEUCOJUM AESTIVUM</i>	L.	Liliaceae	SNOWFLAKE
<i>LEVISTICUM OFFICINALE</i>	W.D.J. Koch	Apiaceae	EUROPEAN LOVEAGE
<i>LIATRIS PUNCTATA</i>	Hook.	Asteraceae	DOTTED BLAZING-STAR

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SCIENTIFIC NAME	AUTHORITY	FAMILY	COMMON NAME
<i>LIGUSTRUM OVALIFOLIUM</i>	Hassk.	Oleaceae	CALIFORNIA PRIVET
<i>LINARIA DALMATICA</i>	(L.) Mill.	Scrophulariaceae	DALMATIAN TOADFLAX
<i>LINARIA GENISTIFOLIA</i>	(L.) Mill.	Scrophulariaceae	TOADFLAX
<i>LINUM GRANDIFLORUM</i>	Desf.	Linaceae	FLOWERING FLAX
<i>LITHOSPERMUM OFFICINALE</i>	L.	Boraginaceae	EUROPEAN GROMWELL
<i>LOLIUM MULTIFLORUM</i>	Lam.	Poaceae	ITALIAN RYEGRASS
<i>LOLIUM TEMULENTUM</i>	(L.) Darnel	Poaceae	DARNEL
<i>LUNARIA REDIVIVA</i>	L.	Brassicaceae	MONEY-PLANT
<i>LYCHNIS FLOS-CUCULI</i>	L.	Caryophyllaceae	RAGGED ROBIN
<i>LYCHNIS VISCARIA</i>	L.	Caryophyllaceae	GERMAN CATCHFLY
<i>LYCORIS SQUAMIGERA</i>	Maxim	Liliaceae	MAGIC LILY
<i>LYSIMACHIA PUNCTATA</i>	L.	Primulaceae	GARDEN LOOSESTRIFE
<i>LYTHRUM HYSSOPIFOLIA</i>	L.	Lythraceae	HYSSOP-LEAVED LOOSESTRIFE
<i>MACLEAYA CORDATA</i>	(Willd.) R. Br.	Papaveraceae	PLUME POPPY
<i>MALVA ALCEA</i>	L.	Malvaceae	VERVAIN MALLOW
<i>MALVA VERTICILLATA</i>	L.	Malvaceae	WHORLED MALLOW
<i>MARSILEA QUADRIFOLIA</i>	L.	Marsiliaceae	EURASIAN WATER-CLOVERL
<i>MAZUS PUMILUS</i>	(Burm. f.) Steenis	Scrophulariaceae	MAZUS
<i>MELILOTUS ALTISSIMA</i>	Thuill.	Fabaceae	TALL SWEET-CLOVER
<i>MIKANIA SCANDENS</i>	L. Willd.	Asteraceae	CLIMBING HEMPWEED
<i>MIRABILIS ALBIDA</i>	(Walter) Heimerl	Nyctaginaceae	PALE UMBRELLA-WORT
<i>MIRABILIS HIRSUTA</i>	(Pursh) MacMill.	Nyctaginaceae	HAIRY UMBRELLA-WORT
<i>MOEHRINGIA TRINERVIA</i>	(L.) Clairv.	Caryophyllaceae	THREE-NERVED SANDWORT
<i>MONOLEPIS NUTTALIANA</i>	(Schult.) Greene	Chenopodiaceae	POVERTY-WEED
<i>MYRIOPHYLLUM AQUATICUM</i>	(Vell.) Verdc.	Haloragaceae	PARROT'S-FEATHER
<i>MYRIOPHYLLUM HUMILE</i>	(Raf.) Morong	Haloragaceae	LOWLY WATER-MILFOIL
<i>MYRIOPHYLLUM PINNATUM</i>	(Walter) Britton	Haloragaceae	PINNATE WATER-MILFOIL
<i>NARCISSUS POETICUS</i>	L.	Liliaceae	POET'S NARCISSUS

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SCIENTIFIC NAME	AUTHORITY	FAMILY	COMMON NAME
<i>NARCISSUS PSEUDONARCISSUS</i>	L.	Liliaceae	DAFFODIL
<i>NAVARRETIA INTERTEXTA</i>	(Benth.) Hook.	Polemoniaceae	NAVARRETIA
<i>NELUMBO NUCIFERA</i>	Gaertn.	Nelumbonaceae	SACRED LOTUS
<i>NICOTIANA ALATA</i>	Link & Otto	Solanaceae	FLOWERING TOBACCO
<i>NIGELLA DAMASCENA</i>	L.	Ranunculaceae	LOVE-IN-A-MIST
<i>NYMPHOIDES PELTATA</i>	(S.G. Gmel.) Kuntze	Menyanthaceae	YELLOW FLOATING-HEART
<i>OENANTHE AQUATICA</i>	(L.) Poir.	Apiaceae	MARSH DROPWORT,
<i>OENOTHERA TRILOBA</i>	Nutt.	Onagraceae	SESSILE EVENING-PRIMROSE
<i>OPUNTIA MACRORHIZA</i>	Engelm.	Cactaceae	PLAINS PRICKLY-PEAR
<i>ORIGANUM VULGARE</i>	L.	Lamiaceae	OREGANO
<i>PACHYSANDRA TERMINALIS</i>	Siebold & Zucc.	Buxaceae	JAPANESE PACHYSANDRA
<i>PANICUM MILIACEUM</i>	L.	Poaceae	BROOMCORN MILLET
<i>PAPAVER ARGEMONE</i>	L.	Papaveraceae	RED POPPY
<i>PARTHENIUM HYSTEROPHORUS</i>	L.	Asteraceae	SANTA MARIA
<i>PARTHENIUM INTEGRIFOLIUM</i>	L.	Asteraceae	WILD QUININE
<i>PASPALUM FLORIDANUM</i>	Michx.	Poaceae	FLORIDA PASPALUM
<i>PENSTEMON COBAEA</i>	Nutt.	Scrophulariaceae	BEARD-TONGUE
<i>PENSTEMON GRANDIFLORUS</i>	Nutt.	Scrophulariaceae	LARGE-FLOWERED BEARD-TONGUE
<i>PETASITES HYBRIDUS</i>	(L.) P. Gaertn., B. Mey. & Scherb.	Asteraceae	BUTTERFLY-DOCK
<i>PETRORHAGIA PROLIFERA</i>	(L.) Link	Caryophyllaceae	CHILDING PINK
<i>PETRORHAGIA SAXIFRAGA</i>	(L.) Link	Caryophyllaceae	SAXIFRAGE-PINK
<i>PETROSELINUM CRISPUM</i>	(Mill.) Nyman ex A.W. Hill	Apiaceae	PARSLEY
<i>PETUNIA X HYBRIDA</i>	Vilm.	Solanaceae	PETUNIA
<i>PHALARIS CANARIENSIS</i>	L.	Poaceae	COMMON CANARY-GRASS
<i>PHASEOLUS COCCINEUS</i>	L.	Fabaceae	SCARLET RUNNER
<i>PHASEOLUS VULGARIS</i>	L.	Fabaceae	COMMON BEAN
<i>PHILADELPHUS INODORUS</i>	L.	Hydrangeaceae	APPALACHIAN MOCK-ORANGE
<i>PHILADELPHUS PUBESCENS</i>	Loisel	Hydrangeaceae	OZARK MOCK-ORANGE

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SCIENTIFIC NAME	AUTHORITY	FAMILY	COMMON NAME
<i>PHYSALIS HISPIDA</i>	(Waterfall) Cronq.	Solanaceae	PRAIRIE GROUND-CHERRY
<i>PHYSALIS PHILADELPHICA</i>	Lam.	Solanaceae	TOMATILLA
<i>PICRIS ECHIOIDES</i>	L.	Asteraceae	BRISTLY OX-TONGUE
<i>PICRIS HIERACIOIDES</i>	L.	Asteraceae	HAWKWEED OX-TONGUE
<i>PINUS BANKSIANA</i>	Lambert	Pinaceae	JACK PINE
<i>PINUS PUNGENS</i>	Lambert	Pinaceae	TABLE MOUNTAIN PINE
<i>POLANISIA JAMESII</i>	(T. & G.) Iltis	Capparaceae	JAMES' CLAMMY-WEED
<i>POLEMONIUM CAERULEUM</i>	L.	Polemoniaceae	GARDEN JACOB'S LADDER
<i>POLYGONUM ARENASTRUM</i>	Jord. Ex Boreau	Polygonaceae	DOORYARD KNOTWEED
<i>PORTULACA GRANDIFLORA</i>	Hook.	Portulacaceae	MOSS-ROSE
<i>POTENTILLA INCLINATA</i>	Villars	Rosaceae	CINQUEFOIL
<i>PRUNUS TOMENTOSA</i>	Thunb.	Rosaceae	NANKING CHERRY
<i>RAPHANUS RAPHANISTRUM</i>	L.	Brassicaceae	JOINTED CHARLOCK
<i>RAPHANUS SATIVUS</i>	L.	Brassicaceae	RADISH
<i>RESEDA ALBA</i>	L.	Resedaceae	MIGNONETTE
<i>RESEDA LUTEOLA</i>	L.	Resedaceae	YELLOW-WEED
<i>RHEUM RHABARBICUM</i>	L.	Polygonaceae	RHUBARB
<i>RIBES ROTUNDIFOLIUM</i>	Michx.	Grossulariaceae	APPALACHIAN GOOSEBERRY
<i>RIBES UVA-CRISPI</i>	L.	Grossulariaceae	GARDEN GOOSEBERRY
<i>ROSA GALLICA</i>	L.	Rosaceae	FRENCH ROSE
<i>ROSA MAJALIS</i>	Herrm.	Rosaceae	CINNAMON ROSE
<i>ROSA NITIDA</i>	Willd.	Rosaceae	SHINING ROSE
<i>RUBUS DISCOLOR</i>	Weihe & Nees	Rosaceae	HIMALAYAN BLACKBERRY
<i>RUMEX CONGLOMERATUS</i>	Murray	Polygonaceae	CLUSTERED DOCK
<i>SALIX CINEREA</i>	L.	Salicaceae	GRAY WILLOW
<i>SALVIA AZUREA</i>	Michx. ex Lam.	Lamiaceae	BLUE SAGE
<i>SALVIA COCCINEA</i>	Buc'hoz ex Etl.	Lamiaceae	CRIMSON SAGE
<i>SALVIA OFFICINALIS</i>	L.	Lamiaceae	GARDEN SAGE

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SCIENTIFIC NAME	AUTHORITY	FAMILY	COMMON NAME
<i>SALVIA PRATENSIS</i>	L.	Lamiaceae	MEADOW SAGE
<i>SALVIA SPLENDENS</i>	Sellow ex Roem. & Schult.	Lamiaceae	SCARLET SAGE
<i>SALVIA X SUPERBA</i>	Stapf	Lamiaceae	SAGE
<i>SATUREJA HORTENSIS</i>	L.	Lamiaceae	SUMMER SAVORY
<i>SCABIOSA COLUMBARIA</i>	L.	Dipsacaceae	SCABIOUS
<i>SCANDIX PECTENS-VENERIS</i>	L.	Apiaceae	VENUS' COMB
<i>SCILLA NON-SCRIPTA</i>	(L.) Hoffmanns. & Link	Liliaceae	ENGLISH BLUEBELL
<i>SCHOENOPLECTUS SAXIMONTANUS</i>	(Fernald) J. Raynal	Cyperaceae	MOUNTAIN BULRUSH
<i>SEDUM SEXANGULARE</i>	L.	Crassulaceae	SIX-RANKED STONECROP
<i>SEDUM TELEPHIOIDES</i>	Michx.	Crassulaceae	AMERICAN ORPINE
<i>SENECIO SYLVATICUS</i>	L.	Asteraceae	WOODLAND GROUNDSEL
<i>SILENE CONICA</i>	L.	Caryophyllaceae	STRIATE CATCHFLY
<i>SOLANUM PHYSALIFOLIUM</i>	Rusby	Solanaceae	HAIRY NIGHTSHADE
<i>SOLANUM TRIFLORUM</i>	Nutt.	Solanaceae	CUT-LEAVED NIGHTSHADE
<i>SOLANUM TUBEROSUM</i>	L.	Solanaceae	POTATO
<i>SPIRAEA JAPONICA</i>	L. f.	Rosaceae	JAPANESE SPIRAEA
<i>SPOROBOLUS OZARKANUS</i>	Fern.	Poaceae	OZARK RUSH-GRASS
<i>STACHYS GERMANICA</i>	L.	Lamiaceae	DOWNY WOUNDWORT
<i>STELLARIA ALSINE</i>	Grimm	Caryophyllaceae	BOG STITCHWORT
<i>STELLARIA HOLOSTEA</i>	L.	Caryophyllaceae	EASTER-BELL
<i>STROPHOSTYLES LEIOSPERMA</i>	(T. & G.) Piper	Fabaceae	SMALL-FLOWERED WILD BEAN
<i>SUAEDA CALCEOLIFORMIS</i>	(Hook.) Moq.	Chenopodiaceae	PLAINS SEA-BLITE
<i>SYMPHORICARPOS OCCIDENTALIS</i>	Hook.	Caprifoliaceae	WOLFBERRY
<i>TAMARIX CHINENSIS</i>	Lour.	Tamaricaceae	CHINESE TAMARISK
<i>THLASPI ALLIACEUM</i>	L.	Brassicaceae	GARLIC PENNY-CRESS
<i>THYMELAEA PASSERINA</i>	(L.) Coss. & Germ.	Thymelaeaceae	THYMELAEA
<i>THYMUS SERPYLLUM</i>	L.	Lamiaceae	WILD THYME
<i>TRADESCANTIA BRACTEATA</i>	Small	Commelinaceae	LONG-BRACTED SPIDERWORT

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SCIENTIFIC NAME	AUTHORITY	FAMILY	COMMON NAME
<i>TRITICUM AESTIVUM</i>	L.	Poaceae	WHEAT
<i>TULIPA GESNERIANA</i>	L.	Liliaceae	TULIP
<i>VALERIANELLA RADIATA</i>	(L.) Dufr.	Valerianaceae	CORN-SALAD
<i>VERBASCUM PHLOMOIDES</i>	L.	Scrophulariaceae	CLASPING-LEAVED MULLEIN
<i>VERBASCUM VIRGATUM</i>	Stokes	Scrophulariaceae	TWIGGY MULLEIN
<i>VERBESINA VIRGINICA</i>	L.	Asteraceae	FROSTWEED
<i>VERONICA PEREGRINA</i> L. var. <i>XALAPENSIS</i>	(Kunth) H. St. John & F.A. Warren	Scrophulariaceae	HAIRY PURSLANE SPEEDWELL
<i>VICIA ANGUSTIFOLIA</i>	L.	Fabaceae	NARROW-LEAVED VETCH
<i>VICIA TETRASPERMA</i>	(L.) Schrebr.	Fabaceae	FOUR-SEEDED VETCH
<i>VINCA MAJOR</i>	L.	Apocynaceae	GREATER PERIWINKLE
<i>VITEX NEGUNDO</i>	L.	Verbenaceae	CUT-LEAVED CHASTE-TREE
<i>VULPIA BROMOIDES</i>	(L.) Gray	Poaceae	6-WEEKS BROME GRASS
<i>VULPIA MYUROS</i>	(L.) C.C. Gmel.	Poaceae	RAT-TAIL FESCUE
<i>WISTERIA FLORIBUNDA</i>	(Willd.) DC	Fabaceae	JAPANESE WISTERIA
<i>WISTERIA FRUTESCENS</i>	(L.) Poir.	Fabaceae	AMERICAN WISTERIA
<i>XANTHORHIZA SIMPLICISSIMA</i>	Marshall	Ranunculaceae	YELLOW-ROOT
<i>YUCCA FILAMENTOSA</i>	L.	Agavaceae	YUCCA
<i>ZEA MAYS</i>	L.	Poaceae	CORN