VASCULAR PLANT AND VERTEBRATE SPECIES RICHNESS IN NATIONAL PARKS OF THE EASTERN UNITED STATES

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Kaci E. Myrick, B.A.

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ABSTRACT

Given the estimates that species diversity is diminishing at 50-100 times the normal rate, it is critical that we be able to evaluate changes in species richness in order to make informed decisions for conserving species diversity. To contribute to the ongoing analysis of species richness relationships, I examined the potential of vascular plant species richness to be used as a surrogate for vertebrate species richness in the classes of amphibians, reptiles, birds, and mammals. Vascular plants, as primary producers, represent the biotic starting point for ecological community structure and are a logical starting point for understanding vertebrate species associations. I used data collected by the United States National Park Service (NPS) on species presence within parks in the eastern United States to estimate simple linear regressions between plant species richness and vertebrate richness. Because environmental factors in addition to plant species richness influence species diversity, I included simple linear regressions of total park area, park latitude, mean annual precipitation, mean annual temperature, and human population density surrounding the parks for estimating species richness relationships. I then combined plant species richness and the environmental variables in multiple regressions to determine the variables that remain as significant predictors of vertebrate species richness. To test whether there are differences in species richness patterns among Inventory and Monitoring networks of NPS, I used an analysis of covariance (ANCOVA) which included park area and plant species richness as covariates. I detected significant relationships between plant species richness and amphibian, bird, and mammal species richness. In multiple regressions, plant species richness was predicted by park area alone. Species richness of mammals was related to plant species richness and weakly to park area. Reptile species richness was related to park area and latitude, and amphibian species richness was related to plant species richness, park area, and latitude. Differences among networks were only statistically detected in the bird species richness ANCOVA, and interaction of park area and the networks was detected for all taxa species richness except for mammals. Plant species richness predicts species richness of different vertebrate groups to varying degrees, and should not be exclusively used as a surrogate for vertebrate species richness. Plant species richness should be included with other variables such as sample area and climate when considering strategies to manage and conserve species richness in National Parks in the eastern United States. Based on the ANCOVA results it is recommended that park management of biodiversity be approached from the local and site specific criteria rather than applying management directives derived from different regions of the United States.

CHAPTER 1

PLANT SPECIES RICHNESS AS A METRIC IN VERTEBRATE SPECIES RICHNESS ANALYSIS IN NATIONAL PARKS OF THE EASTERN UNITED STATES

Introduction

It is believed that species diversity is currently decreasing at 50-100 times the natural rate (ISCBD 1994). The sharp decrease is due primarily to anthropogenic disturbance that seems likely to continue (Kerr & Currie 1995, Loreau et al. 2001). There has also been increased attention paid to the effects that global warming may have on species distributions and persistence (Parmesan 1996, Hughes 2000, McCarty 2001, Walther et al. 2002).

Because of concern about declines in species diversity, the United States Congress passed the National Parks Omnibus Management Act which mandated a program to inventory and monitor natural resources in National Parks in 1998 (NPS 1999). One resource that the National Park Service (NPS) is required to monitor is species diversity. Monitoring species diversity is challenging. There are often large numbers of species in National Parks (hereafter parks), and many animal species are cryptic, highly mobile, and difficult to detect. A monitoring program that requires a list of all species that occur in parks may be unrealistic because of the time and effort

required to obtain reliable complete lists (Noss, 1990, Gaston 1996, Hawkins et al. 1998, Balmford & Gaston 1999, Sauberer et al. 2004).

Species are not evenly distributed around the globe (Wallace 1878, Gaston 2000), and the patterns observed in species diversity at different scales, as well as arguments made for the most appropriate scale (e.g., local, regional, and global) at which to analyze species diversity for the causes of the relationships, are controversial (Flather et al. 1997, Huston 1999a). Techniques such as hotspot analysis, GAP analysis, and place prioritization algorithms have been developed to identify areas of species diversity (Flather et al. 1997, Kelley et al. 2002, Lamoreux et al. 2006). Yet, these techniques were not explicitly developed for purposes of predicting species diversity. One approach that has been used extensively for predicting a component of species diversity, species richness, is the use of taxonomic surrogates (Kremen 1992, Prendergast et al. 1993, Howard et al. 1998, Hopkinson et al. 2001, Warman et al. 2004b, Hawkins and Pausas 2004). In the context of estimating species richness, research on taxonomic surrogates assesses whether the presence of one well-surveyed group will predict the species richness of other less well-surveyed or not easily surveyed groups (Landres et al. 1988, Caro & O'Doherty 1999). Taxonomic surrogates offer a coarse measure of the number of species of a variety of taxonomic groups at larger spatial and temporal scales based on the species richness in one taxonomic group, the surrogate (Landres et al. 1988). The usefulness of taxonomic surrogates for estimating species richness appears to be influenced by the taxonomic groups used in the analysis, the spatial scale of the study, and species biogeography (Gaston 1996, Flather et al. 1997, Howard et al. 1998, Warman et al. 2004a). Relationships between groups of higher taxa have generally been weak

(Gaston 1996) but plant species richness has been useful for predicting richness of vertebrates, fungi, and insects (Scott et al. 1987, Panzer & Schwartz 1998, Andelman & Fagan 2000, Boone & Krohn 2000, Pharo et al. 2000, Reyers et al. 2000, Lund & Rahbek 2002, Vessby et al. 2002, Hawkins & Pausas 2004, Chiarucci et al. 2005, Zhao et al. 2006, Kissling et al. 2007).

Vascular plants, as primary producers, represent a biotic starting point for understanding ecological relationships and are a logical starting point for evaluating taxonomic surrogates (Loreau et al. 2001). Moreover, because of plant immobility, they are often easier to detect and, hence, monitor than animals. Examining relationships between plant species richness and richness of vertebrate taxa may be useful because surveys to detect these kinds of animals often require specialized sampling techniques and extensive survey effort (Boulinier et al. 1998).

The purpose of this study was to assess the extent to which plant species richness could predict richness of particular vertebrate taxa. The taxa were amphibians, reptiles, birds, and mammals. The assumed mechanism is that a greater diversity of resources should support a greater diversity of consumers (Huston 1979, Hawkins & Porter 2003). Recognizing that plant diversity alone probably does not estimate vertebrate species richness well, I also included total park area, park latitude, mean annual precipitation, human population density, and mean annual temperature as environmental variables in my analysis. These environmental variables have been shown to be correlated with species diversity and distribution in other studies (Schall & Pianka 1978, Rohde 1992, Qian 1998, Krebs 2001).

Materials and Methods

Background of the Data Collection by NPS

In 1998 Congress passed the National Parks Omnibus Management Act, which mandated a program to inventory and monitor parks' natural resources. Historically, there has been a serious lack of scientific information, particularly information on species diversity in parks that was easily accessible to park managers. There was little knowledge about the current status of resources or how they were changing over time (NPS 1999a). The Natural Resource Challenge (NRC) is the NPS's "action plan for preserving natural resources" that evolved from this congressional mandate. The NRC has funded the effort of the NPS to document the "vital signs" of parks for significant natural resources such as air and water quality, and to compile a listing of 90% of the vascular plant and vertebrate species found within park boundaries (Paul 1999). The Inventory and Monitoring (I&M) program is the division of NPS in charge of this data collection, the intention of which is to make baseline resource inventories accessible to park managers for future management decisions (Paul 1999).

The I&M program divided the nation into 32 networks that were determined either by geographic location or on a biome basis (NPS 1999b). Originally thirteen networks were scheduled for use in this analysis. Because of delays in data entry and certification of the data by NPS, only five of these networks, those located in the northeastern and central US, have been included for evaluation (Figure 1).

The species inventory data used in this study consisted of 43 national parks in the five NPS networks (Table 1). These park units ranged from large national parks to small historic sites, but hereafter all will be referred to as "parks." Vascular plants and

vertebrate taxa (amphibians, reptiles, birds, and mammals, but not fish) that occurred on NPS-owned land were added to a database (NPSpecies) by staff at each park or by a database manager for the network. Park land that was considered conservation easements or owned by other government agencies was not used in the study. The presence or absence of a species in parks was determined from either direct field identification, voucher specimens, or published accounts of species occurrences over the history of the park. The data were converted into a Microsoft Excel format for manipulation and statistical analysis. Since several parks lacked data for all five taxa, only parks that had data for vascular plants and at least one vertebrate taxon were included.

NPS Networks

Lists of vascular plant, amphibian, reptile, bird, and mammal species were obtained from parks in the upper Midwest, Mid-Atlantic, and Northeastern United States (hereafter Eastern United States).

The Northeast Temperate Network (NETN) provided plant and vertebrate data for eight parks that span seven northeastern states (Figure 1). Parks in this network are primarily sites of historical significance, with most occurring on or near the Atlantic coast. The Great Lakes Network (GLKN) contains nine park units that occur around the freshwater ecosystems of the Great Lakes, including parks with island ecosystems, and also parks along the Mississippi and St. Croix rivers. The largest network in the study is the Heartland Network (HTLN), which covers 10 states and contains features such as the Lower Mississippi river, the Buffalo and Cuyahoga rivers, prairie landscapes in two of the parks, and hot springs occurring within one of the parks. The National Capitol Region Network (NCRN) parks occur on or near the Potomac River and the

Table 1. Inventory and Monitoring networks and parks of the National Park Service.and corresponding acronyms. Also included is data used as supplimental information on the physical and environmental variables affecting the parks. These variables include park area, mean annual temperature, mean annual precipitation, park latitude, and population density (see text for population density calculation).

Network	Park Code	Full Name	Park Area (Ha)	Average Annual Temperature (C^0)	Average Annual Precipitation (cm)	Park Latitude (DD)	Population Density (people/Ha)
Great Lakes Network							
GLKN	APIS	Apostle Island National Lakeshore	17062 42	4 44	82 55	46 95	0 06
GLKN	GRPO	Grand Portage Nation Monument	287 32	4 44	82 55	48 00	0 01
GLKN	INDU	Indiana Dunes National Lakeshore	4154 08	10 00	95 25	41 64	1 36
GLKN	ISRO	Isle Royale National Park	218247 37	4 44	76 20	48 00	0 02
GLKN	MISS	Mississippi National River and Recreation Area	25 26	7 22	82 55	44 87	3 62
GLKN	PIRO	Pictured Rocks National Lakeshore	14434 66	7 22	82 55	46 56	0 04
GLKN	SACN	Saint Croix National Scenic Riverway	8202 18	4 44	82 55	46 11	0 18
GLKN	SLBE	Sleeping Bear Dunes National Lakeshore	22919 06	7 22	82 55	44 73	0 21
GLKN	VOYA	Voyageurs National Park	53818 09	4 44	69 85	48 50	0 09
Heartland Network							
HTLN	ARPO	Arkansas Post National Monument	263 02	18 33	139 70	34 02	0 08
HTLN	BUFF	Buffalo National River	35842 04	15 56	107 95	35 96	0 06
HTLN	CUVA	Cuyahoga Valley National Park	7445 14	10 00	95 25	41 24	8 58
HTLN	EFMO	Effigy Mounds National Monument	1022 43	7 22	82 55	42 94	0 09
HTLN	GWCA	George Washington Carver National Monument	84 99	18 33	107 95	36 99	0 32
HTLN	HEHO	Herbert Hoover National Historic Site	73 30	10 00	95 25	41 67	0 12
HTLN	HOCU	Hopewell Culture National Historic Park	383 32	12 78	95 25	39 30	0 41
HTLN	HOME	Homestead National Monument of America	73 30	10 00	82 55	40 29	0 10
HTLN	HOSP	Hot Springs National Park	1996 30	18 33	139 70	34 52	0 50
HTLN	LIBO	Lincoln Boyhood National Monument	73 17	15 56	107 95	38 12	0 20
HTLN	OZAR	Ozark National Scenic Riverways	21089 62	15 56	107 95	36 92	0 70
HTLN	PERI	Pea Ridge National Military Park	1731 61	15 56	107 95	36 45	0 08
HTLN	PIPE	Pipestone National Monument	114 04	7 22	69 85	44 01	0 04
HTLN	TAPR	Tallgrass Prairie National Preserve	13 06	12 78	82 55	38 44	0 02
HTLN	WICR	Wilson's Creek National Battlefield	716 28	15 56	107 95	37 10	0 92
Northeast Coastal and Barrier Network							
NCBN	ASIS	Assateague National Seashore	3205 82	15 56	107 95	38 08	0 38
NCBN	COLO	Colonial National Historic Park	3257 64	15 56	107 95	37 22	2 06
NCBN	FIIS	Fire Island National Seashore	1250 37	12 78	107 95	40 67	6 01
NCBN	GATE	Gateway National Recreation Area	8160 18	12 78	107 95	40 57	31 28
NCBN	GEWA	George Washington Birthplace National Historic Park	222 67	15 56	107 95	38 19	0 28
NCBN	THST	Thomas Stone National Historic Site	130 30	15 56	107 95	38 53	1 01
National Capital Region Network							
NCRN	ANTI	Antietam National Battlefield Park	801 90	12 78	95 25	39 47	1 11
NCRN	CATO	Catoctin Mountain Park	2350 80	12 78	107 95	39 65	1 14
NCRN	HAFE	Harper's Ferry National Historic Park	1203 74	12 78	95 25	39 32	0 78
NCRN	MANA	Manassas National Battlefield Park	1776 56	12 78	95 25	38 82	3 21
NCRN	PRWI	Prince William Forest Park	7241 38	12 78	107 95	38 58	3 21
Northeast Temperate Network							
NETN	ACAD	Acadia National Park	14362 96	4 44	139 70	44 35	0 13
NETN	MABI	Marsh-Billings-Rockefeller National Historic Park	224 64	10 00	107 95	43 63	0 23
NETN	MIMA	Minute man National Historic Park	316 98	10 00	107 95	42 45	6 87
NETN	MORR	Morristown National Historic Park	689 91	10 00	107 95	40 77	3 83
NETN	SAGA	Saint-Gaudens National Historic Site	59 96	7 22	95 25	43 50	0 29
NETN	SAIR	Saugus Iron Works National Historic Site	3 44	10 00	107 95	42 47	5 58
NETN	SARA	Saratoga National Historic Park	1167 21	7 22	95 25	42 99	0 95
NETN	WEFA	Weir Farms National Historic Site	27 54	10 00	139 70	41 26	5 45

Chesapeake and Ohio Canal. In this area, the 5 parks range from small national battlefields to larger forested parks, but all occur in or near highly urban areas. Also located on the Atlantic coast and the Chesapeake Bay is the Northeast Coastal and Barrier Network (NCBN). This network had the fewest lists of species with complete datasets (five that contained plants and at least one vertebrate taxon) of all the networks used in this analysis. Nearly all of the parks in this network had Atlantic Ocean sandy beach areas, sand dunes, and salt water marshes.

Corrections to the Datasets

Only data that had been certified for accuracy by NPS were used in this study. Despite the fact that the NPS certification efforts had removed many errors, some still remained (APPENDICES A-E). Further inspection was required to remove duplicate entries from each park's list (APPENDIX A), as well as to remove all hybrid species (APPENDIX B) and subspecies. This was done to maintain the analysis at the taxonomic level of species. If a hybrid occurred in a park, it was assumed that the parental species were represented.

To locate and correct the errors, a list of all species that occur in all the networks was compiled in Microsoft Access and uploaded into the Integrated Taxonomic Information System (ITIS, http://www.itis.gov). The index made it possible to review the submitted species names to identify species that were misspelled (APPENDIX C) or had synonyms (APPENDIX D). The resulting master list was compared to each park's list to locate the errors. The corrected lists (APPENDIX E) were used in the analysis. Several parks from the NETN were excluded from the analysis. The first was Boston Harbor Islands National Recreation Area (BOHA), which does not have any park land that is

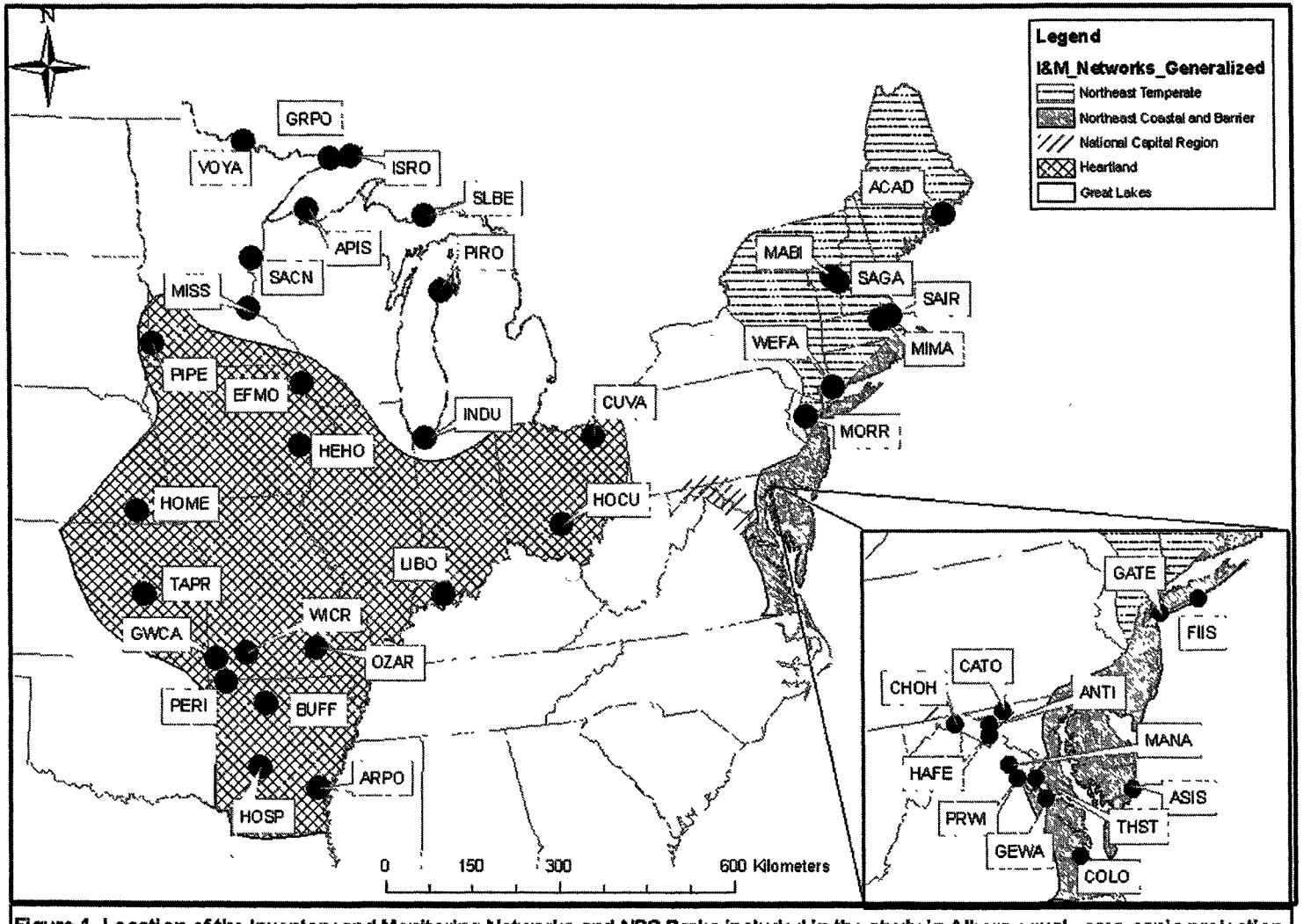


Figure 1. Location of the Inventory and Monitoring Networks and NPS Parks included in the study in Albers equal - area conic projection.

owned exclusively by NPS. The species occurrences in NPS Species were documented as occurring only on park land; therefore, the data for this park were considered inaccurate. Also excluded from the analysis was the Appalachian National Scenic Trail (APPA), which cuts through the Northeastern states of Maine to Georgia. This park did not have information on the park areas occurring within the individual network sections or the distances off the trail that were considered for species occurrences.

Environmental Variables

The five networks covered a total of 25 states in the US and many different ecosystems. To attempt to account for some of the variability between parks, I collected information on environmental factors that might influence species diversity (Table 1). The well known species-area curve shows that species richness and total area display a saturating positive relationship (Arrhenius 1921, Cain 1938, Preston 1960, Williams 1964, Rosenzweig 1995); therefore, data on the total amount of NPS-owned land in each park were collected from NPS. Each park's latitude was determined and recorded in decimal degree format. Climate data were collected from maps of mean annual precipitation and temperature for 1961-1990, obtained through the National Climatic Data Center (http://www.ncdc.noaa.gov). Total population of the county(s) that each park occurs in was collected from the United States Census Bureau for the year of 2000, along with the area in hectares of each county as estimated in 2000. Population density was then calculated for the county. If a park occurred in multiple counties, total populations and areas of the counties were summed and the overall density calculated.

Questionnaire

In the summer of 2006 a questionnaire was drafted and sent to the I&M networks requesting more specific information about each park for which data had been received. The information requested from the parks was: verification of NPS acreage; the average number of visitors to the parks each year; mileage of linear natural or manmade features that occur within the park such as roads and trails; the area of different habitat classes such as wetland, agricultural land, open woodland, or closed forest; and the process by which the network "certified" the data. The networks were requested to reply to all questions or provide any relevant resources by November of 2006. Only one network (Northeast Coast and Barrier Network) responded to the information request, with data primarily for one park (ASIS) alone, and not all questions were answered. Because of the poor response from NPS, this information was excluded from any further investigation.

Regression Analysis

After all errors and duplications were corrected, species richness was calculated for each taxonomic group (hereafter taxon) in each park. Each vertebrate taxon was compared in a simple linear regression to the species richness of plants with the park as the sampling unit. The r^2 value of simple regressions and the adjusted r^2 value of multiple regressions were used to determine the strength of the relationship between plant species richness and vertebrate species richness (Sokal & Rolf 1995). To test whether there was a statistically significant relationship, p values of the ANOVA of the regression were reported (Hays 1988). Significant p-values were considered to be < 0.05.

The species richnesses of plants and the vertebrate groups were plotted in a linear regression against the mean annual temperature, mean annual precipitation, latitude, and

park area. The total amounts of NPS-owned area were represented by their natural logarithms for all analyses. All residuals were checked for deviation from normality and homoscedasticity (APPENDIX F), and all pair-wise correlations of climate and taxonomic variables were examined for multicollinearity (APPENDIX G, Sokal & Rolf 1995).

Plant species richness was then estimated by multiple regressions that included those additional variables that exhibited significance with any taxon in the simple linear regressions. Similarly, for each vertebrate taxon, vertebrate species richness was predicted with a multiple regression that used the additional variables (that were significant in the simple linear regressions), plus plant species richness. The analyses were based on Type III sums of squares, so that the contribution of each variable was independent of the order of entry into the regression (Hays 1988). The adjusted r^2 was reported, and significance was again set at <0.05.

Results

Plant species richness accounted for 0.17, 0.31, and 0.35 of the respective variations in amphibian, bird, and mammal species richness and was statistically significant. Reptiles were the only taxon whose species richness was not significantly related to plant species richness. The three taxa with statistically significant results had positive slopes, indicating that as plant species richness increased so did vertebrate taxon richness (Table 2, Figure 2-5).

For the simple linear regressions, the natural log of park area was significantly related to all taxa except reptiles (Table 2, Figures 6-10). The variance explained by park area was highest for plants (0.33) with decreasing values for birds, amphibians, and

mammals. The regressions between park latitude and taxon species richness showed the greatest amount of variation explained for reptiles ($r^2 = 0.43, p < 0.001$), much less for birds ($r^2 = 0.12, p = 0.03$), amphibians ($r^2 = 0.10, p = 0.05$), and plants ($r^2 = 0.10$, $p = 0.05$), and none for mammals. Simple regressions using each park's average annual precipitation failed to demonstrate any significant relationships except with reptiles ($r^2 = 0.11, p = 0.038$), and regressions with average annual temperature were significant only for plant species richness ($r^2 = 0.11, p = 0.027$), and reptile species richness ($r^2 = 0.34, p < 0.001$). Population density of counties surrounding parks was not significantly related to the richness of any taxon.

Prior to the multiple regression analysis, the species richnesses of the taxa and the environmental variables were tested for multicollinearity. Park latitude and average annual temperature were highly correlated ($r = 0.95, p < 0.001$; see APPENDIX G). Therefore, latitude was retained in the multiple regression analysis, and average annual temperature was removed to prevent redundancy in the model. Because population density lacked a statistically significant relationship with any taxon richness, it was excluded from the multiple regression analysis.

All multiple regressions predicting species richness for the taxonomic groups were statistically significant ($p < 0.01$, Table 3). The multiple regression for plant species richness (n = 43) as the response variable showed an adjusted $r^2 = 0.33$, with only the natural log transformed area of the parks being significant. In the multiple regression for mammals (n = 36, adjusted $r^2 = 0.37$) and birds (n = 40, adjusted $r^2 = 0.36$), only one predictor variable was significant. In the case of mammals the significant variable was plant species richness, and for birds the significant variable was the natural log of park

area. The multiple regression for reptile species richness had the highest adjusted r^2 of 0.71, and all predictor variables were significant. This was the only multiple regression where the effect of mean annual precipitation was significant ($p = 0.048$). The slope of

Table 2. Simple linear regressions comparing species richness of eastern United States national parks with vascular plant species richness of each park as well as additonal variables that each park experiences. Listed are r^2, p values, and regression slopes for each regression. Significant relationships are $p < 0.05$; and n = the number of parks included in the regression.

		Predictor Variables					
Species Richness		Plant Species Richness	Natural log of Park Area (Ha)	Park Latitude	Average Annual Precipitation (cm)	Average Annual Temperature (C^0)	Population Density (people/ha)
Plant Species Richness n = 43	r^2		**0.33**	**0.10**	0.07	**0.11**	0.01
	regression slope		**64.0352**	**23.2309**	-4.0600	**-23.2062**	6.0948
	p		**<0.001**	**0.0392**	0.0938	**0.0268**	0.4741
Amphibian Species Richness n = 38	r^2	**0.17**	**0.24**	**0.10**	0.08	0.08	0.01
	regression slope	**0.0091**	**1.2550**	**-0.4883**	0.0976	0.3902	0.0894
	p	**0.0113**	**0.0017**	**0.0498**	0.0887	0.0806	0.5735
Reptile Species Richness n = 38	r^2	0.06	0.03	**0.43**	**0.11**	**0.34**	0.004
	regression slope	6.6967	0.7475	**-1.5863**	**0.1872**	**1.2645**	-0.1017
	p	0.1494	0.2677	**<0.001**	**0.0376**	**<0.001**	0.6889
Bird Species Richness n = 40	r^2	**0.31**	**0.32**	**0.12**	0.09	0.09	0.06
	regression slope	**0.1646**	**18.4150**	**7.4883**	-1.3722	-5.9077	2.8139
	p	**<0.001**	**<0.001**	**0.0299**	0.0591	0.0578	0.1053
Mammal Species Richness n = 36	r^2	**0.35**	**0.12**	0.07	0.07	0.05	0.005
	regression slope	**0.0262**	**1.6756**	0.7971	-0.1648	-0.6226	0.1342
	p	**<0.001**	**0.0383**	0.1180	0.1220	0.1827	0.6690

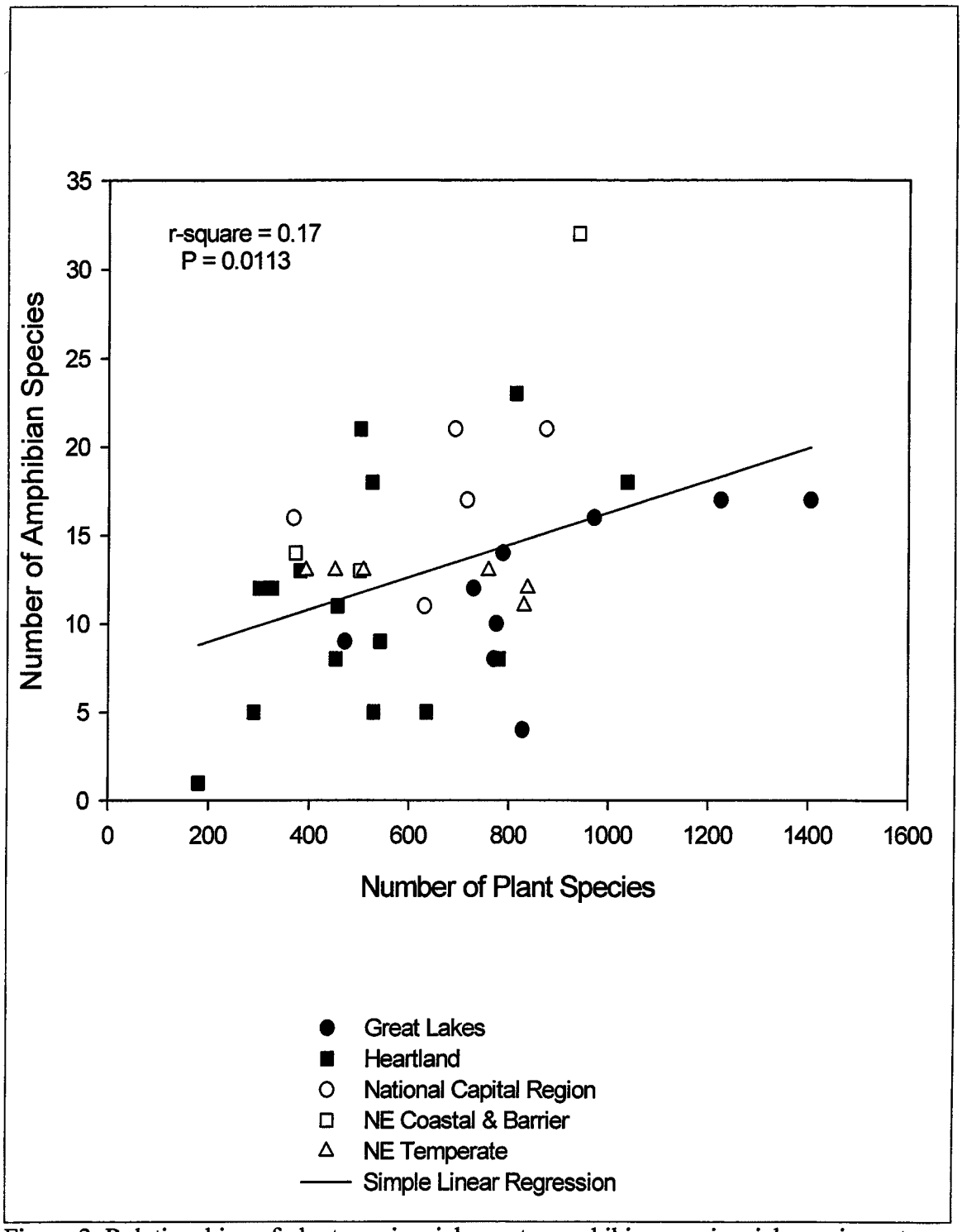


Figure 2. Relationships of plant species richness to amphibian species richness in eastern United States National Parks. A point is the sampling unit of one park. The parks are grouped by Inventory and Monitoring networks of NPS and are distinguished in the legend. The r^2 value of the regression and p value of the regression are labeled on each graph.

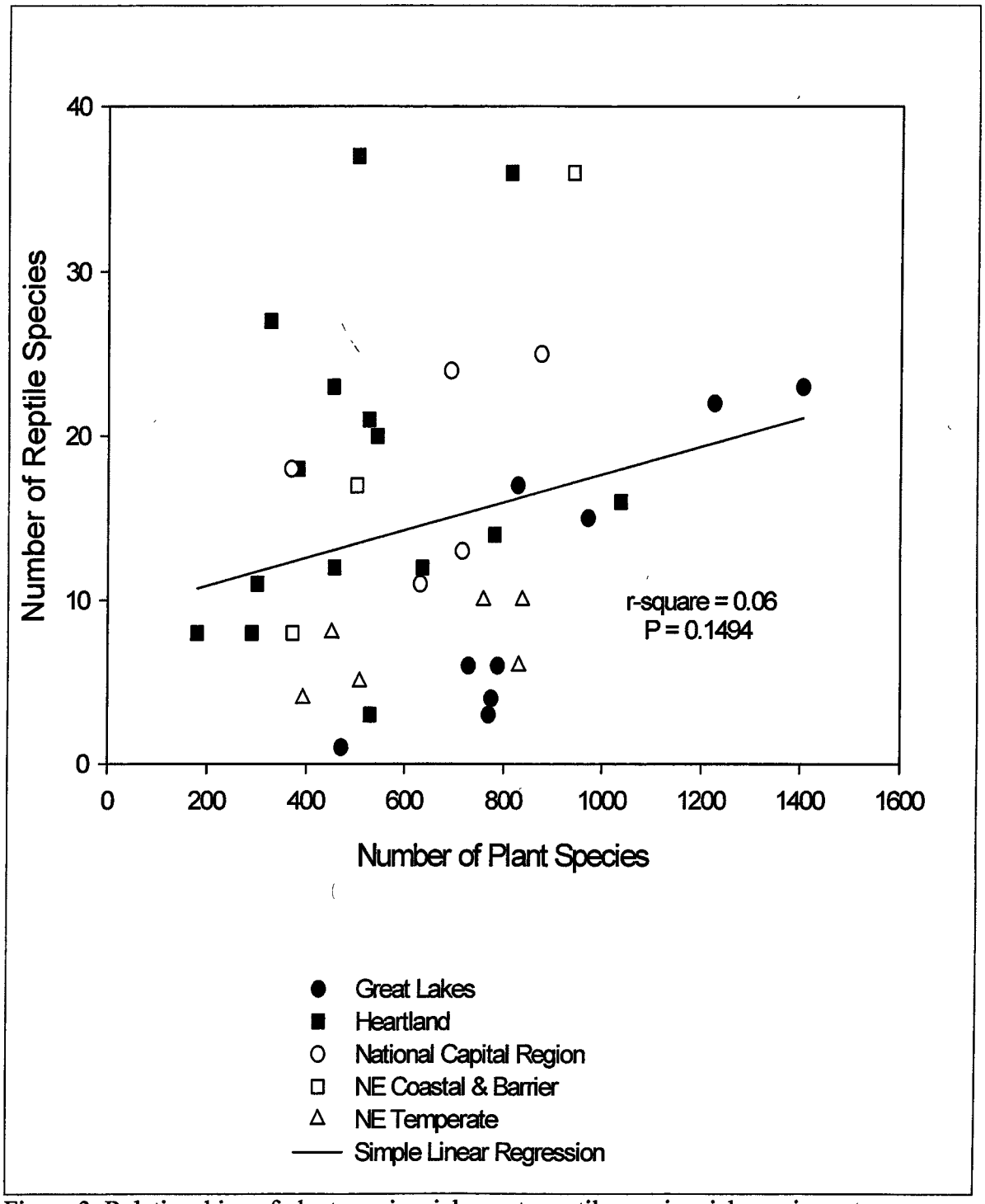


Figure 3. Relationships of plant species richness to reptile species richness in eastern United States National Parks. A point is the sampling unit of one park. The parks are grouped by Inventory and Monitoring networks of NPS and are distinguished in the legend. The r^2 value of the regression and p value of the regression are labeled on each graph.

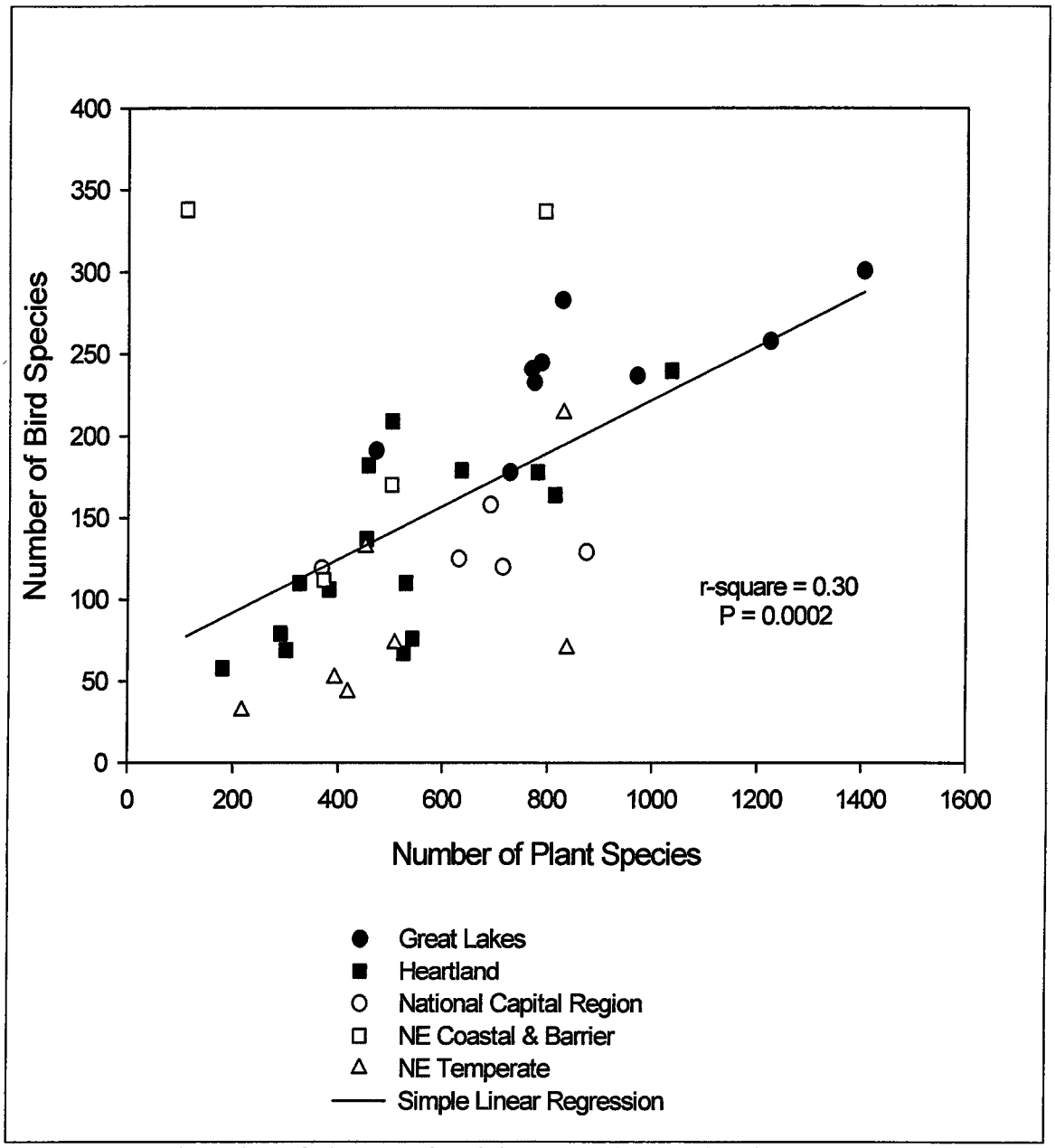


Figure 4. Relationships of plant species richness to bird species richness in eastern United States National Parks. A point is the sampling unit of one park. The parks are grouped by Inventory and Monitoring networks of NPS and are distinguished in the legend. The r^2 value of the regression and p value of the regression are labeled on each graph.

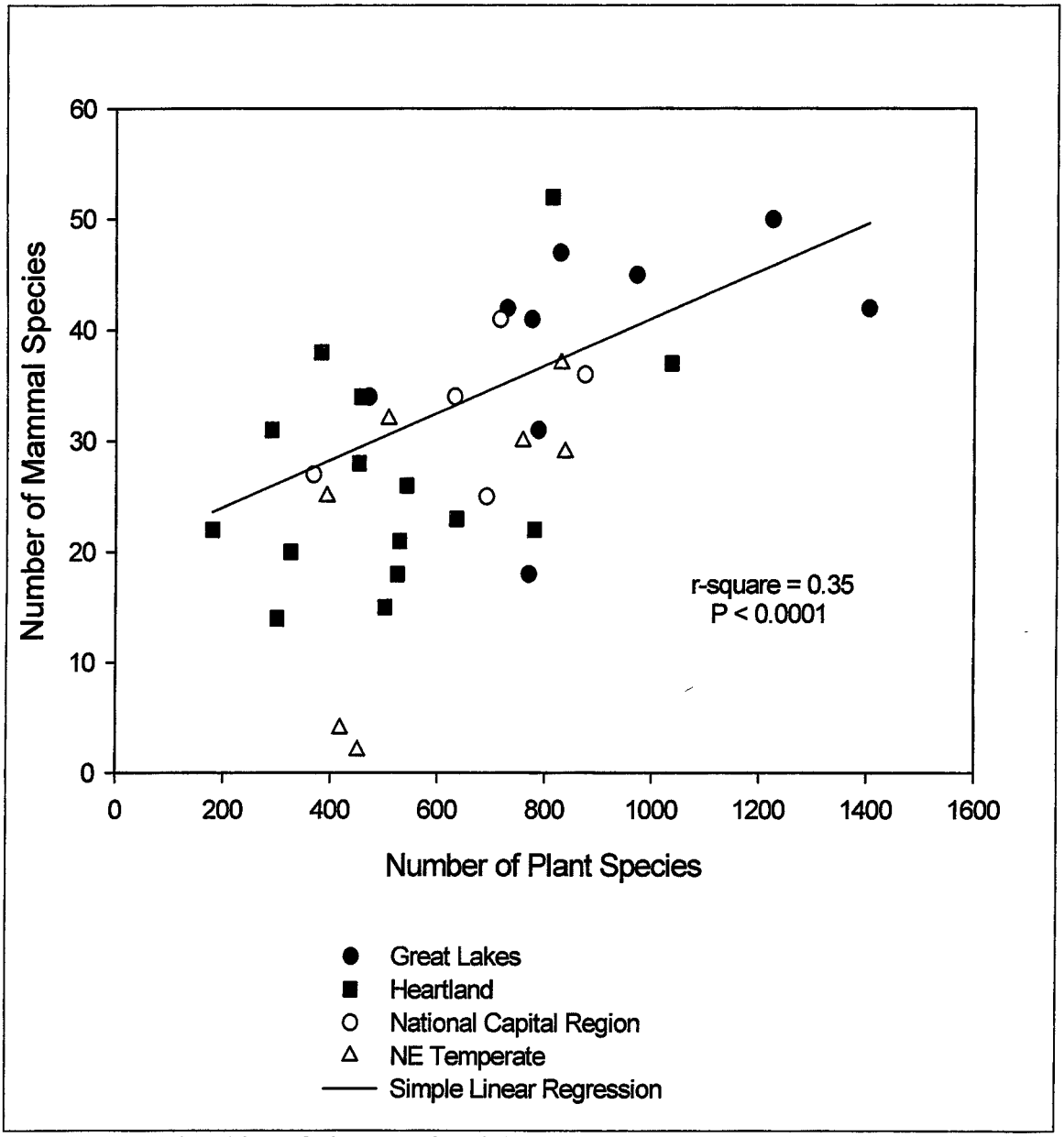


Figure 5. Relationships of plant species richness to mammal species richness in eastern United States National Parks. A point is the sampling unit of one park. The parks are grouped by Inventory and Monitoring networks of NPS and are distinguished in the legend. The r^2 value of the regression and p value of the regression are labeled on each graph.

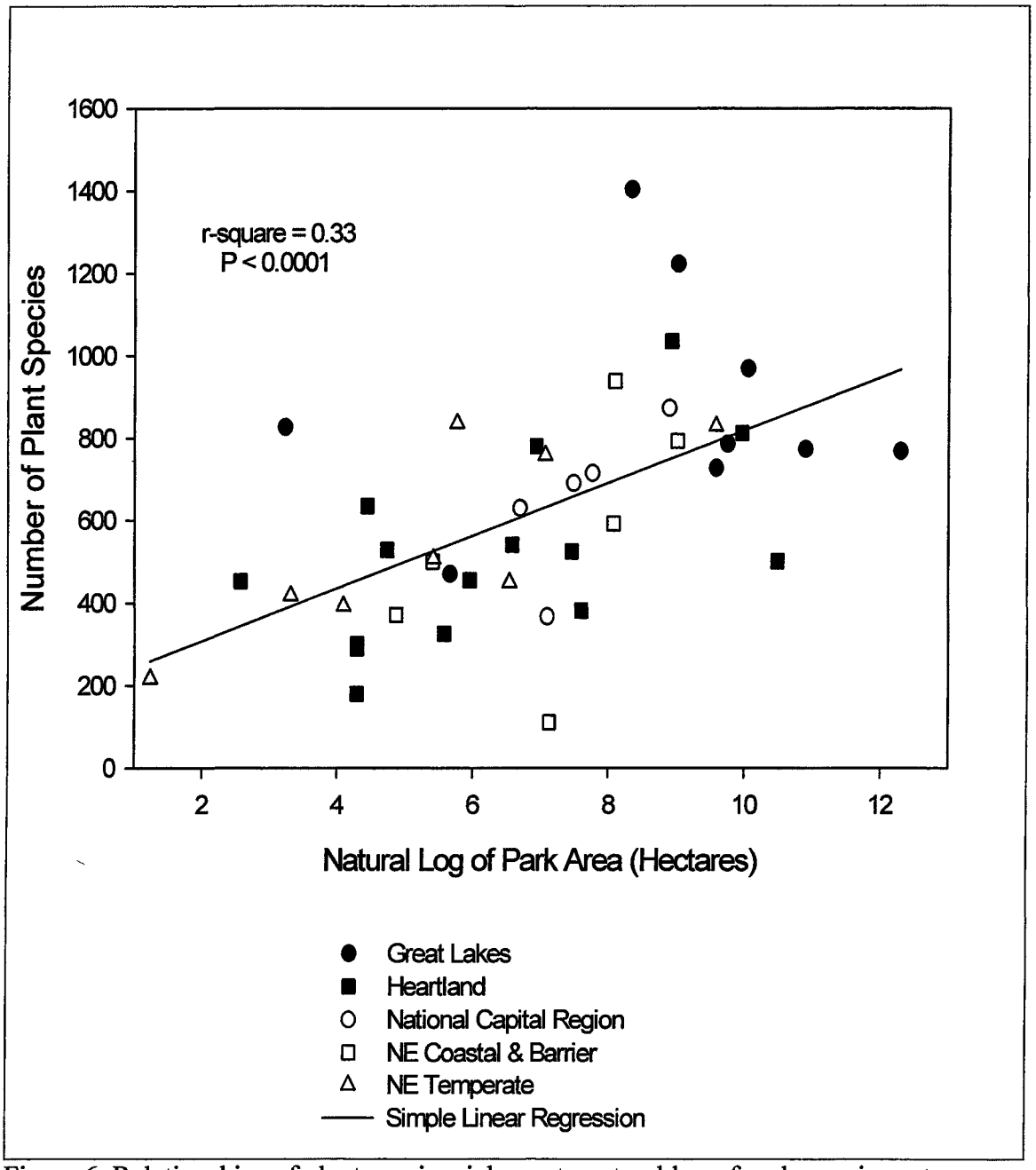


Figure 6. Relationships of plant species richness to natural log of park area in eastern United States National Parks. A point is the sampling unit of one park. The parks are grouped by Inventory and Monitoring networks of NPS and are distinguished in the legend. The r^2 value of the regression and p value of the regression are labeled on each graph.

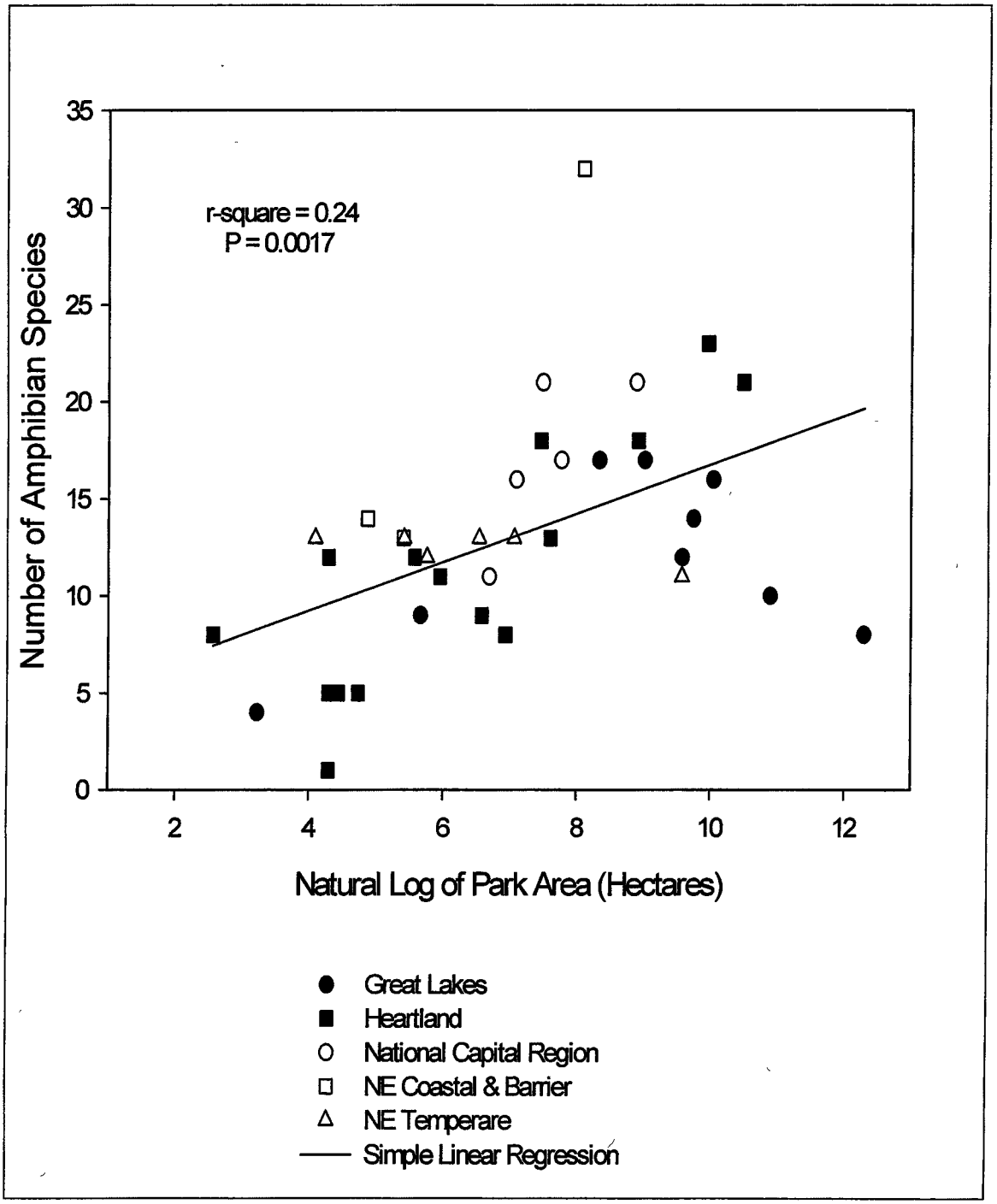


Figure 7. Relationships of amphibian species richness to natural log of park area in eastern United States National Parks. A point is the sampling unit of one park. The parks are grouped by Inventory and Monitoring networks of NPS and are distinguished in the legend. The r^2 value of the regression and p value of the regression are labeled on each graph.

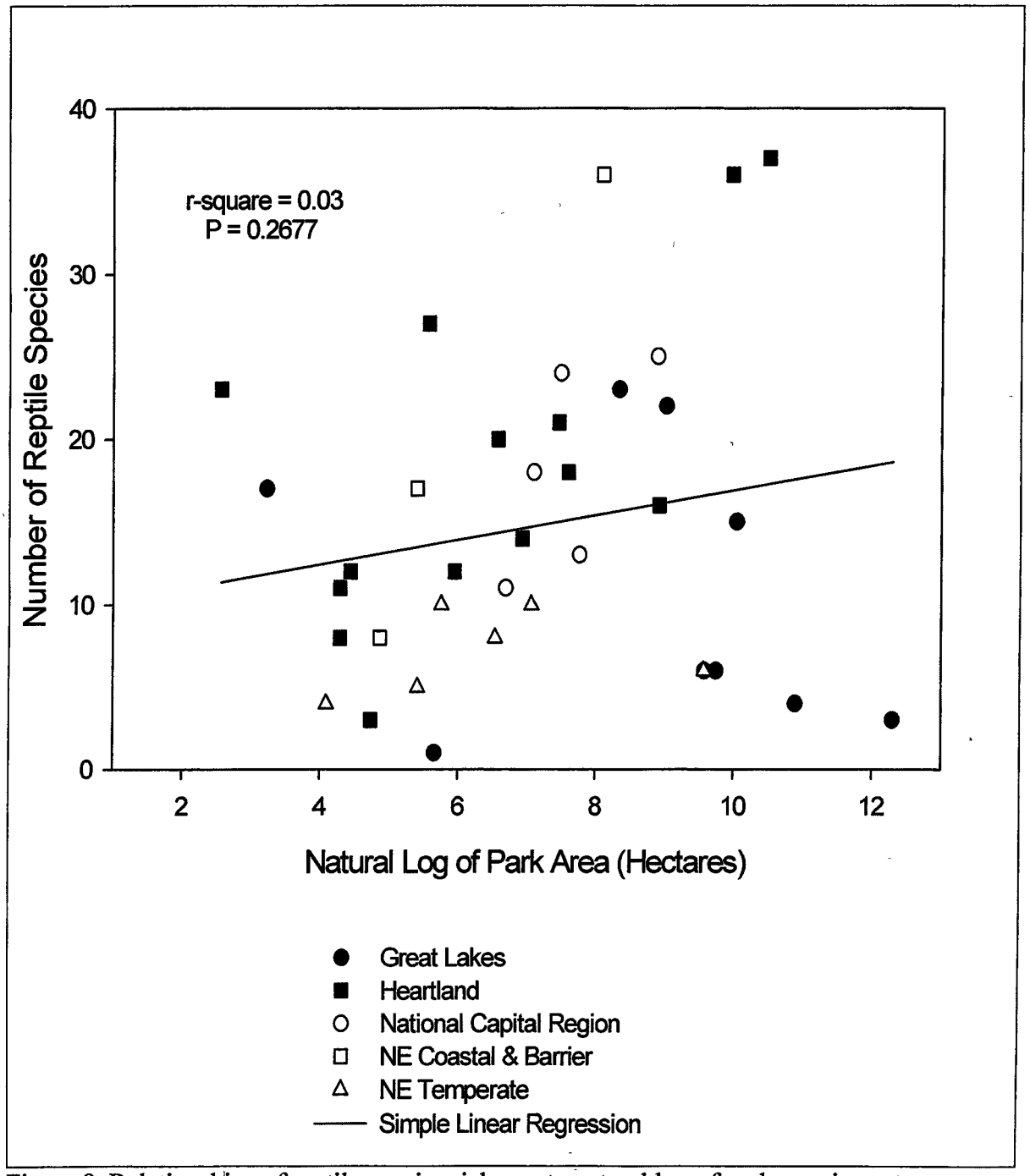


Figure 8. Relationships of reptile species richness to natural log of park area in eastern United States National Parks. A point is the sampling unit of one park. The parks are grouped by Inventory and Monitoring networks of NPS and are distinguished in the legend. The r^2 value of the regression and p value of the regression are labeled on each graph.

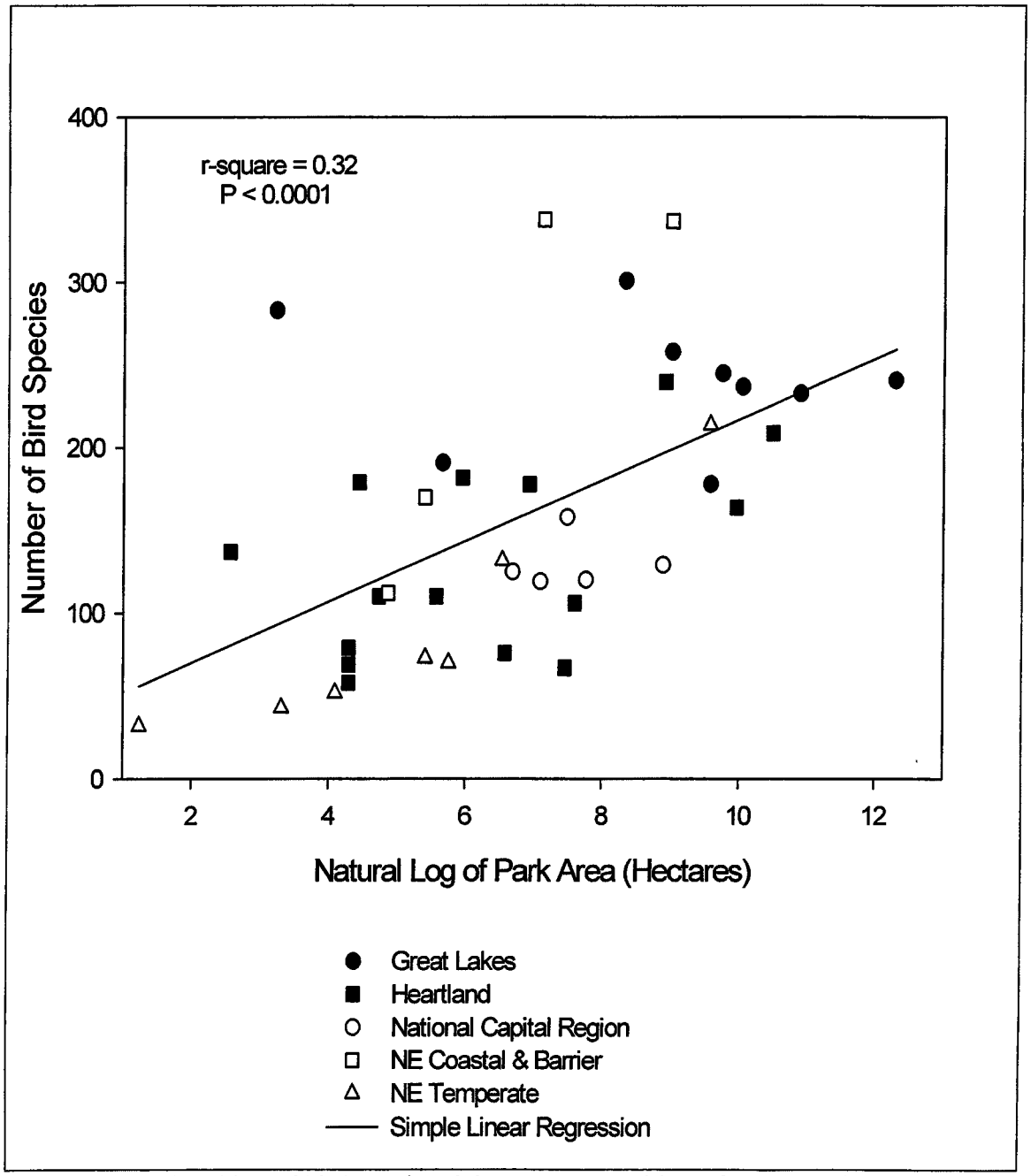


Figure 9. Relationships of bird species richness to natural log of park area in eastern United States National Parks. A point is the sampling unit of one park. The parks are grouped by Inventory and Monitoring networks of NPS and are distinguished in the legend. The r^2 value of the regression and p value of the regression are labeled on each graph.

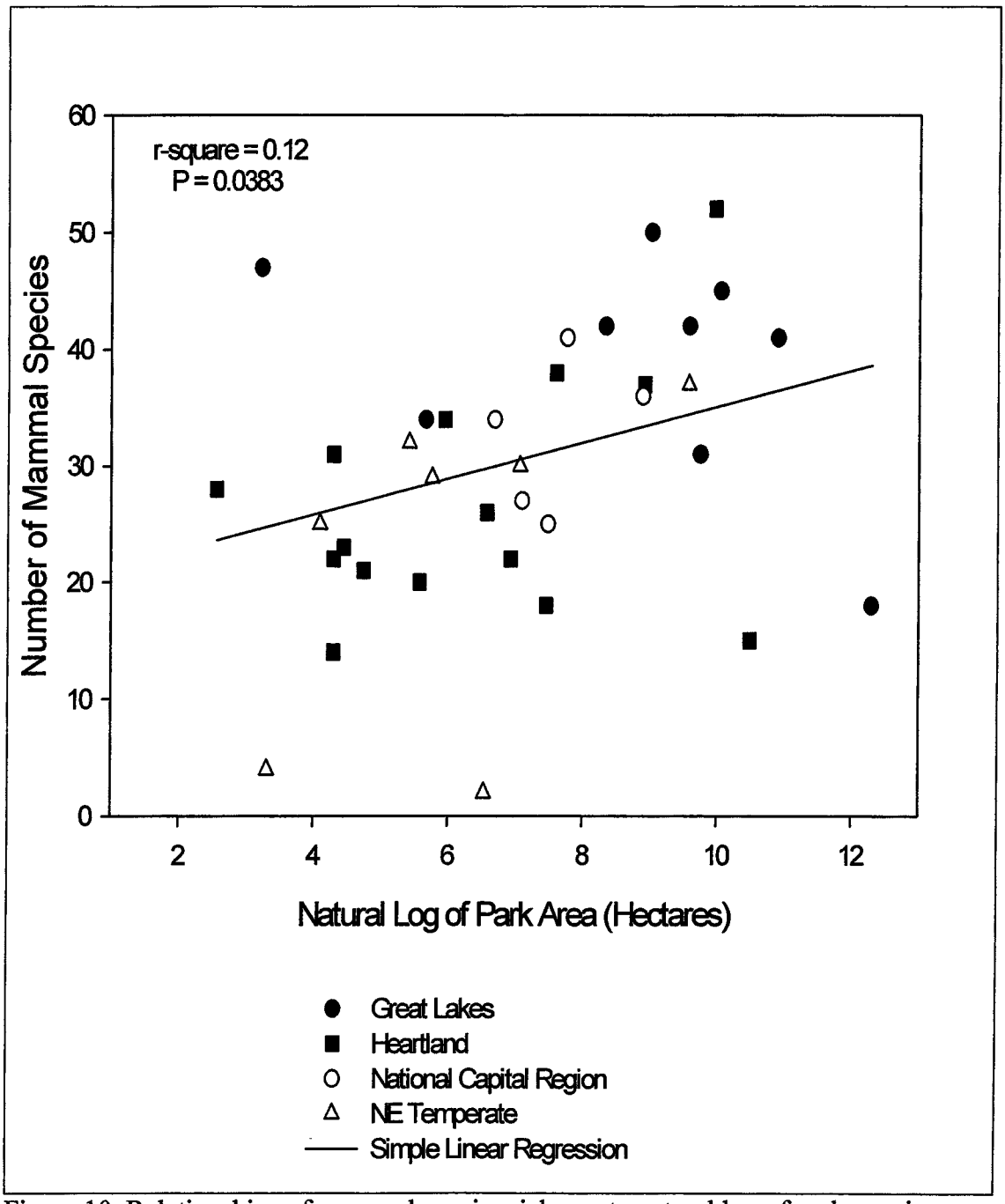


Figure 10. Relationships of mammal species richness to natural log of park area in eastern United States National Parks. A point is the sampling unit of one park. The parks are grouped by Inventory and Monitoring networks of NPS and are distinguished in the legend. The r^2 value of the regression and p value of the regression are labeled on each graph.

the relationship of mean annual precipitation with reptiles was negative (- 0.139). For the comparison with amphibian species richness (n = 38), the multiple regression had an adjusted r^2 of 0.49 and $p < 0.001$. Plant species richness, log transformed park area, and park latitude were all significantly related to amphibian species richness.

Discussion

Variation in sampling effort is a common problem in studies of biological diversity (Noss 1990, Gaston 1996). Sampling effort by NPS varied among the park networks, and no adjustments for this variability were possible. In some datasets there was an apparently low priority on certain details, including inconsistency among some parks in the degree of reporting of common species, while other parks had comprehensive lists collected by specialists that were carefully checked for inaccuracies and oversights. The environmental variables that were compared to vertebrate species richness were general measures that include some of the important environmental, spatial, and temporal variations that affect species richness. Because of the coarse resolution of these variables, the relationships demonstrated were probably not due to the direct effect of the variable but rather were a result of interactions and secondary effects of multiple environmental variables. Factors such as variation in primary productivity, soil, microclimate, habitat heterogeneity, and park management over time all provide or remove resources (e.g., water availability and vegetation structure) that affect the number of species that can exist in a park (Klopfer 1959, Huston 1979, Hawkins et al. 2003). These factors were not explicitly addressed with the environmental variables utilized in the study. Grouping the species at the Class taxonomic level also lumps functional attributes of the species (e.g., size, trophic status, and specialization) which may influence species richness

relationships (Landres et al. 1988, Huston 1994, Huston 1999a, Hawkins & Porter 2003, Zhao et al. 2006).

There were several parks that had unusually small or large taxon richness in the regression analyses. Fire Island National Seashore (FIIS) in the Northeast Coast and Barrier Network had the lowest plant species richness of any park in this dataset (111 vascular plant species). This low species richness is believed to be primarily due to sampling effort. Of two published surveys of the flora of FIIS, the first, prepared by McCormick et al. (1975), listed a total of 334 species of vascular plants; and the second, conducted by Stalter et al. (1986), determined a total of 411 species and subspecies of vascular plants on FIIS (see Figure 4). According to NPS, creation of lists of species occurring in parks were to include species documented in scientific literature (NPS 1999a); this appears not to be the case here. For amphibian species richness one park, Colonial National Historic Park (COLO), had substantially more species listed than any other park in the dataset (a total of 32 species). This park has mostly marsh land habitat on an island between two rivers (James and York). The park in this dataset that contained the least number of amphibians was Herbert Hoover National Historic Site (HEHO). This park had one intermittent stream occurring within park boundaries and no rivers that were near by. In both of these cases, extreme environmental differences seem to explain the contrast in amphibian numbers. For mammals, there were two parks in the Northeast and Temperate Network that listed only 2 and 4 species. The park with only two species listed was Morristown National Historic Park (MORR); the two species were *Odocoileus virginianus* (white-tailed deer), *Canis latrans* (coyote). On the park's website (http://www.nps.gov/morr/naturescience/mammals.htm) an additional 11 species

Table 3. Summaries of multiple regressions, based on Type III sums of squares, comparing species richness of plants, amphibians, reptiles, birds, and mammals with envionmental variables that each park experiences. Listed are r2 and p values of each multiple regression as well as slopes and p values of each predictor. Significant relationships have $p < 0.05$.

			Predictor Variables				
Dependent Variables (species richness)	Adjusted r^2	Overall p		Plant Species Richness	Natural log of Park Area (Ha)	Park Latitude	Average Annual Precipitation (cm)
Plant Species Richness	**0.33**	**<0.001**	slope		**59.2692**	10.8656	-1.5270
n = 43			p		**<0.001**	0.3684	0.5471
Amphibian Species Richness	**0.49**	**<0.001**	slope	**0.0082**	**1.1254**	**-0.8714**	-0.0011
n = 38			p	**0.0182**	**0.0045**	**0.0018**	0.9846
Reptile Species Richness	**0.71**	**<0.001**	slope	**0.0158**	0.8212	**-2.5094**	**-0.1388**
n = 38			p	**<0.001**	0.0737	**<0.001**	**0.0475**
Bird Species Richness	**0.36**	**<0.001**	slope	0.0804	**12.1191**	1.9407	-0.5382
n = 40			p	0.1037	**0.0221**	0.5960	0.4707
Mammal Species Richness	**0.37**	**0.006**	slope	**0.0244**	0.1569	-0.1210	-0.0894
n = 36			p	**0.0043**	0.8518	0.8333	0.4384

of mammals are claimed to be present in the park. The other park was Weir Farms National Historic Site (WEFA), with four species listed: *Marmota monax* (woodchuck), *O. virginianus, Sciurus carolinensis* (gray squirrel), and *Tamias striatus* (eastern chipmunk). On this park's website (http://www.nps.gov/wefa/naturescience/animals.htm) two more species of mammals are listed. It is unclear why there was a discrepancy between the NPSpecies lists created for scientific review and what information is provided on park websites to the public. In the Great Lakes Network (GLKN) there was one park, Isle Royale National Park (ISRO), that had an unusually low number of mammals listed. This estimate is likely accurate, and the low species richness of mammals is probably due to the fact that the park is an island 25 km off the Ontario, Canada mainland in Lake Superior (Peterson et al. 1998). The isolation of the park limits the number of mammal species, a total of 18, in comparison to the surrounding mainland, where there are over 40 species of mammals (Johnson 1970). In the Heartland Network (HTLN), the Buffalo National River (BUFF) also had unusually low mammal species richness. This park lists 10 species of bat, out of the total mammal list that consists of 15 species. This again seems unlikely to represent the true species richness of mammals in this 36,000 ha park and is probably a result of low sampling effort.

In spite of these short-comings, significant relationships were detected. Plant species richness was a significant predictor of vertebrate taxa richness, but the strength of the association varied among taxa. In the simple regressions, amphibian species richness showed a statistically significant relationship with plant species richness, but the relationship was weak. However, the significant relationship between amphibian species

richness and plant species richness was evident in the multiple regressions. Reptile species richness did not show a significant relationship with plant species richness in the simple regressions but did so in the multiple regressions. Plant species richness was a strong predictor of bird species richness and mammal species richness in the simple regressions. In the multiple regressions this relationship was not evident for bird species richness but was the only significant predictor of mammal species richness.

The variation in explanatory power of plant species richness for different vertebrate taxa richness is likely due to several different factors. One is the trophic level of the taxon and its dependence on plants (Gaston 1996). Many reptile and amphibian species are carnivores and mostly use plants for cover (Pough et al. 2004). Plant species richness should also have an indirect effect on reptile and amphibian species richness through the association with their food resources (Zhao et al. 2006). The relationship between plant species richness and amphibian species richness is most likely affected by moisture availability, which also in turn affects plant diversity (Huston 1994, Hawkins et al. 2003, Zhao & Fang 2006). Birds have a direct and indirect dependence on plants for food (e.g., fruits and seeds) and security (e.g., nest building, camouflage with foliage) (Bolen & Robinson 2003). I suggest that this is the reason why bird species richness was found to have a significant relationship with vascular plant species richness. Many mammal species are herbivores and omnivores, and therefore have a strong direct dependence on plants for food as well as for cover (Delany 1982); perhaps that is why mammal species richness had the strongest relationship to vascular plant species richness of all the vertebrate groups compared in this study.

Park area had significant relationships with plant, amphibian, and bird species richness in simple linear regressions. Note that the true relationship between area and species richness is curvilinear, which I linearized by taking the natural logarithm of the area. The effect of park area remained in the multiple regression comparisons. In the simple linear regressions, park area was not a significant predictor of reptile species richness and was only a weak predictor of mammal species richness. In the multiple regressions, park area was not a significant predictor for reptile and mammal species richness, despite the general positive correlation almost universally found between species richness and increases in area sampled (Rosenzweig 1995). For the relationship with mammal species richness, it is possible that the larger mammal species were dispersing outside of the park boundaries, therefore making the park area included in this analysis an inaccurate measurement of the area available for the taxon. A possible explanation for the lack of a significant relationship of park area and reptile species richness is the possibility that the reptile species that occurred in the parks are common species that are found in many habitats outside of the parks, therefore making the size of the park inconsequential.

For amphibians the relationship shown in this analysis is likely due to their dependence on aquatic ecosystems. The 5 parks that contained greater than 20 species of amphibians were Buffalo National River (BUFF), Manassas National Battlefield Park (MANA), Prince William Forest Park (PRWI), Ozark National Scenic Riverways (OZAR), and, as mentioned previously, Colonial National Historic Park (COLO). A brief look into these parks reveals that they all contained or occurred within a few kilometers from rivers or wetland habitat. Upon closer inspection it is likely that the

parks with the greatest number of amphibians also contain the greatest variety and area of riparian habitats. The theory of mainland area and habitat heterogeneity (MacArthur 1958, Williams 1964, Pianka 1967, Rosenzweig and Winakur 1969, Anderson 1978) may apply to the specialization of amphibians and their significant relationship with park area, meaning that the larger the park area the greater the number of ecosystems occurring within the park, therefore providing more opportunities for amphibians to find resources. The larger area that is sampled, the greater the likelihood of capturing more of the specialized species (Rosenzweig 1995). The same theory can be used to explain the relationship demonstrated by vascular plants and park area in this analysis: the greater the amount of area, the greater the number of resources encountered, which provides a greater opportunity for more species (Huston 1999a).

My results indicated that the strongest relationship of the vertebrate groups with area came from birds. Compared to mammals, amphibians, and reptiles, birds have the highest dispersal ranges (Gill 1995). Vascular plants also have great dispersal capability by wind or transport by an organism (Cain et al. 2000) and were shown to have a strong relationship with park area.

Reptile and amphibian species richness demonstrated stronger relationships with the environmental variables than did birds and mammals. This pattern is not surprising given that exothermic organisms require appropriate external environmental temperatures for metabolic regulation (Pough et al. 2004). Park latitude was one of the significant predictors for plant, amphibian, and bird species richness, and was the primary significant predictor for reptile species richness. These patterns are expected, since many species of plants and vertebrates demonstrate a latitudinal gradient of species richness (Pianka 1966,

Stevens 1989). What was surprising was that park latitude was not a significant predictor of mammal species richness. Mammal species richness has been reported to increase with decreasing latitude (Simpson 1964, Wilson 1974). Sample size may have influenced my findings, because the number of parks with lists on mammal species richness was the lowest (n = 36) of all of the taxonomic groups.

Mean annual precipitation of the parks was significantly related only to reptile species richness, and this held true in the multiple regressions. Therefore, mean annual precipitation had little explanatory power in my analysis. Almost half of the parks (19 out of 44) had a mean annual precipitation of 107.95 cm, and the range of precipitation was 70 cm. A similar study that compared vascular plant richness to the species richnesses of amphibians, reptiles, birds and mammals, was conducted by Zhao et al. (2006) using data collected at nature reserves across China. This study also included environmental variables such as mean annual precipitation, mean annual temperature, nature reserve latitude, nature reserve area, and elevation range. Zhao et al. (2006) detected some positive relationships between species richness and mean annual precipitation in these nature reserves, where annual precipitation ranges from 229.51 cm to 5.56 cm. Therefore, I hypothesize that the region covered in my study did not have enough variation in mean annual precipitation for this variable to be an effective predictor of species richness. I suggest the inclusion of variables that account for the seasonal differences among these parks, such as average summer and winter temperatures and the average distribution of precipitation throughout the year, to include the heterogeneity in climate experienced by each taxonomic group. Considering climate

variables seasonally may reveal a more direct link of the effect of climate on species richness, resulting in stronger statistical relationships.

Surprisingly, the human population density of the counties in which these parks occurred did not show any significant explanatory power for variation in species richness. Many parks are located a fair distance from urban areas, and the summed population numbers do not take into account the patchiness of urbanization in a county. It may be more informative to look at the distance of parks from densely populated areas rather than at the overall density of the county.

One feature of the region of the eastern US is that it has some of the lowest species richness in all of North America. The species contour maps produced for mammals by Simpson (1964) and for birds by Cook (1969) show, for the portion of North America in which these parks occurred, that species richness is low in comparison to the rest of the United States. The species richnesses for the eastern US also exhibit less variation than is seen in much of the rest of the United States and Mexico. The greatest number of species for amphibians and reptiles has been described as being located in the southeastern US, western US, and Mexico (Kiester 1971, Pough et al. 2004). The relationships between vascular plants and vertebrate taxa richness, as well as to the environmental variables, would possibly increase in strength if there were more variation recorded in the comparisons.

Inclusion of other variables not included in this study is recommended for future research on plant richness versus vertebrate taxon richness. One candidate variable to be considered is habitat heterogeneity in and near the parks. Most species occur in an area with a specific arrangement of habitats and resources (Rosenzweig 1995). The parks in

this study ranged in size from 3.5 hectares to over 200,000 hectares, and many different habitat types are likely to have occurred in the larger parks. Unfortunately, there is only limited documentation by NPS for habitat types within each park. The information available is not at an appropriate resolution for comparison to species richness, which is typically reported for the entire park, not for specific or contrasting habitats. Such documentation should become more readily available as the GIS mapping and land-use documentation efforts of the parks continue.

My results were similar to previous studies of diversity at the taxonomic level of class (Sillen & Solbreck 1977, Vessby et al. 2002, Wolters et al. 2006, Zhao et al. 2006) and over a broad regional scale. Plant species diversity was consistently related to vertebrate species diversity, particularly when combined with certain other variables, such as latitude and area. Zhao et al. (2006) had very similar results in their comparisons of vascular plant species richness to vertebrate species richness in China. This is interesting because their study was conducted across a much larger area, had a larger sample size, and was conducted across a wider range of latitudes. This indicates that the findings of my study will likely apply under different environmental conditions.

It is my conclusion that this analysis demonstrates support for the use of vascular plant species richness as a factor to be considered when planning for the preservation and protection of land for biological diversity. Situations where this information may be beneficial to NPS would be in the purchase of new park land or conservation easements. Having an inventory of the plant species that occur could help prioritize selection of an area using the knowledge of plant species relationships to vertebrate species diversity, but other factors such as number of endemics or endangered species should also be included

in this prioritization rather than vascular plant species richness alone. It is important to state that these relationships between plants and vertebrates must be used in conjunction with other variables such as habitat heterogeneity and climate in order to describe more fully relationships of biological species richness (Gaston 2000). It would not be advisable to base park management decisions upon vascular plants as a surrogate for vertebrate species exclusively. Many of the relationships were significant but did not demonstrate enough explanatory power for use as unbiased surrogates of biological diversity.

CHAPTER 2

RELATIONSHIPS OF SPECIES RICHNESS IN NATIONAL PARK SERVICE INVENTORY AND MONITORING NETWORKS

Introduction

Concern over anthropogenic disturbance accelerating the extinction rate of species has grown (Wolters et al. 2006), and various human impacts will likely have a continuing effect (Kerr & Currie 1995, Loreau et al. 2001). To make informed management decisions that will support the conservation of many species, the first step is to understand the patterns of biological diversity (Gaston 1996). There has been considerable attention to developing methods that require fewer direct surveys and that will make unbiased and precise predictions about species diversity. Complete surveys of biodiversity across large areas are time consuming and expensive. Therefore there is a shortage of information on patterns of species diversity (Noss, 1990, Hawkins et al. 1998, Gaston 1996, Balmford & Gaston 1999, Sauberer et al. 2004). One method is to find a subset of species that can act as a surrogate for larger sets of species (Landres et al. 1988). Problems arise with this surrogate approach (hereafter taxonomic surrogate) because abiotic and biotic factors create variation in species distributions (Wallace 1878, Huston 1994, Rosenzweig 1995, Gaston 2000). Examples of these factors include habitat

heterogeneity, climate, and interactions within and among species (Landres et al. 1988, Noss 1990, Huston, 1994, Rosenzweig 1995, Gaston 2000, Jetz and Rahbek 2001 Species respond in a variety of ways to these factors. Consequently, it is difficult to draw conclusions about analyses of taxonomic surrogates in one area and then apply them to a differing set of species in other areas (Landres et al. 1988).

Two patterns are evident in species richness distributions. One pattern is the positive relationship between the area sampled and species richness (Arrhenius 1921, Cain 1938, Preston 1960, Williams 1964, Rosenzweig 1995). There are several reasons for the positive nonlinear relationship (Preston 1960, Williams 1964, Huston 1994, Rosenzweig 1995). First, as area increases habitat heterogeneity also increases, which provides more resources and niches for species with ecological specializations (Williams 1943). Second, sampling larger areas increases the opportunity to sample species that have restricted ranges (Rosenzweig 1995). Third, above some relatively large area, few additional habitats or species are encountered until another biome or ecoregion is included.

The other pattern in species distributions involves the species richness of vascular plants, which, as primary producers, represent the biotic starting point for ecosystem relationships and (Loreau et al. 2001). Vascular plant richness can define a community and also show correlations with other taxa (Su et al. 2004). Vascular plants are associated with vertebrates because vertebrates are dependent upon plants for food as well as security from predators and refuge from inhospitable climate (Bolen & Robinson 2003).

The majority of the parks considered in Chapter One were set aside for protection primarily for reasons other than maintaining biological diversity. Better understanding is needed of how they reflect the biological diversity in the regions in which they are located and what differences occur among them (Gorchakovsky & Demchenko 2002). This study is intended to help characterize differences in biological diversity patterns among United States National Park Service (NPS) Inventory and Monitoring (I&M) networks that are at a smaller scale (network areas range from 16,117 km^2 to 988,911 km^2) than the Eastern United States, which was considered in Chapter One (combined area of 1,797,263 km^2). The scales at which species richness patterns are estimated could have management implications for NPS. Species can respond differently to management actions due to differing relationships with the environment and, hence, may require site specific management.

There are number of reasons that the patterns observed at the smaller scale of networks might be different from those observed across the much larger area of the Eastern United States. These include:

1) Variation in environmental heterogeneity among networks. Tallgrass prairie ecosystems occur in this region of the Eastern United States, but they do not occur in all of the networks. Some networks have many kilometers of river and others do not, and still other networks occur on the Atlantic coast and have salt marsh areas and maritime forests. The Great Lakes Network is the only network that contains sandy beach habitat along large fresh water lakes. There are also varying amounts and types of agricultural land among the networks.

2) Nonlinear effects on species richness may occur for park area if one network contains a park of a particular size which possesses a sharp elevation change and another park of the same area runs along a river with little elevation change. If two networks experience the same average annual temperatures but have very different average annual precipitations, there is likely a dramatic difference in the species richness. How the network receives the precipitation also can cause differences between the scales of network and the Eastern United States. This can happen if one network receives most of its precipitation in the form of snow rather than rain, or if a network receives large amounts of rain with in a few months and then is dry for the rest of the year while the larger region has a homogenous distribution of precipitation throughout the year.

3) Interactions between environmental factors such as productivity and disturbance. Natural disturbance regimes that occur on a network basis and do not affect the larger scale of the Eastern United States include hurricanes in the networks that occur on the Atlantic coast and tornadoes in the networks that occur in the Great Plains. Some parks use disturbance techniques such as prescribed burns, mowing, livestock grazing, and hunting to create a desired vegetation and vertebrate population structure. The amount of time since a network has experienced major disturbances and how frequently the disturbances occur affects the level of successional stage and productivity.

These relationships all affect the life cycles of species and limit species' ability to successfully compete for resources and reproduce (Huston 1994, Huston 1999a, Huston 2002). Given that these relationships and their causes may differ between networks, it is

important for park managers to be aware of the unique local and regional factors that may make their parks respond differently to management than other parks (Huston et al. 1999).

In Chapter One, I focused on the influence of plant species richness on terrestrial vertebrate richness and the influence of park area on vertebrate species richness combined across five I&M networks. I found that plant species richness and park area predicted species richness for amphibian, bird, and mammal species richness in simple linear regressions. Further, when plant species richness and park area were combined in multiple regressions that also included park latitude and mean annual precipitation as independent variables, I was able to predict species richness of all of the vertebrate taxonomic groups (amphibians, reptiles, birds, and mammals), with explained variances of 0.49, 0.71, 0.36, and 0.37, respectively. In this chapter I compare the same taxonomic relationships at the smaller scale of the individual I&M networks. Including the networks in the analysis allowed me to examine the variability in species richness in smaller geographical areas, and to test for differences among the park networks in the following relationships: 1) park area and plant species richness, 2) park area and vertebrate taxa richness, and 3) plant species richness and vertebrate taxa richness.

Materials and Methods

The same dataset from Chapter One was used for a type III sums of squares analysis of covariance (ANCOVA, Hays 1988). ANCOVA is a combination of the qualitative treatment of analysis of variance (ANOVA) and the quantitative nature of

regression analysis (Hays 1988). In this analysis the categorical variable was the I&M network, and the two covariates were vascular plant species richness and natural log of park area, which were determined to be related to species richness across all networks in Chapter One. These covariates may provide better insight into the cause of the differences among I&M networks than a simple ANOVA, which would merely determine whether differences existed among networks.

The five I&M networks that were included in the ANCOVA for plants, amphibians, reptiles, and birds were the Great Lakes Network (GLKN), the Heartland Network (HTLN), the Northeast Coast and Barrier Network (NCBN), the National Capitol Region Network (NCRN), and the Northeast Temperate Network (NETN). The NCBN was excluded from the ANCOVA for mammals since no data were available. The species richness of each park that was calculated in Chapter One was used as the response variable in the ANCOVA. Variation in species richness for plants, amphibians, reptiles, birds, and mammals was compared among NPS networks with total park area (ln transformed) as the covariate. For the vertebrate taxa, plant species richness was also included with area as a covariate. In each ANCOVA the possible interactions between log of park area, plant species richness, and Inventory and Monitoring network were also tested to determine whether the slopes of relationships between the covariates and response variable varied among NPS networks. The assumptions of normal distribution and homoscedasticity in the residuals (Skokal & Rolf 1995) from the ANCOVA were assessed as in Chapter One (APPENDIX E). Graphs of the relationships among the networks comparing park area and the species richness of each taxon and comparing

plant species richness to each vertebrate taxon's richness were created in Sigma plot, and the ANCOVA was calculated using R statistical software (http://www.r-project.org).

Results

The mean area of the parks in the Great Lakes network (GLKN) was 30,000 hectares more than any other network (Table 4). The network with the lowest mean park area was the Northeast and Temperate network (NETN) with 2107 ha. Mean annual temperature ranged from 6 C° in the GLKN to 13 C° in the National Capital Region network (NCRN). The lowest average annual precipitation was in the GLKN with 70 cm, and the highest average was in the NETN with 113 cm. Park latitude ranged from the lowest, 34.02DD, in the Heartland network (HTLN), which had mean park latitude of 38.53DD, up to the highest park latitude, 48.5DD, in the GLKN, which had mean park latitude of 46.15DD. Network mean population density (see Chapter 1 for calculation) ranged from 0.62 people/ha in the GLKN to 6.84 people/ha in the Northeast Coastal and Barrier Network (NCBN). The network with the greatest mean number of vascular plant species was the GLKN. Amphibian and reptile species richness were the highest in the NCBN. The greatest mean number of mammal species was in the GLKN. There were no data on mammal species richness in the NCBN.

Plant species richness was not significantly different among the networks and park area had a significant influence on plant species richness in all networks (Table 5). The slopes of the relationship of park area and plant species richness were similar among the networks (Figure 11).

Amphibian species richness was similar among the networks and was not influenced by either park area or plant species richness. The slopes of the relationships

for park area with amphibian species richness as the dependent variable differed among the networks (Figure 12). The slope of the relationship for the NETN was negative, and the slope for the NCBN was steeper than the slopes for the HTLN, GLKN, and NCRN. The slopes of the relationships for plant species richness and amphibian species richness were not statistically different among networks, but the slope for the NETN was negative (Figure 13).

Reptile species richness did not differ among the networks and was not influenced by either plant species richness or by park area. However, the slopes of the relationships among the networks for park area and reptiles species richness were significantly different (Figure 14). The slope of the relationship with park area was negative for GLKN. The slopes of the relationships for plant species richness and reptile species richness were similar among networks (Figure 15).

Bird species richness was significantly different among networks and was influenced by park area but not by plant species richness. The slopes of the relationships of park area (Figure 16) and plant species richness (Figure 17) with bird species richness both differed among networks. The slope of the relationship for park area and bird species richness was negative for the GLKN. The slopes of the relationship of bird species richness to plant species richness were similar for the NCBN and NCRN and differed from the slopes of the other threes networks.

Mammal species richness was not significantly different among the networks. Park area did not significantly influence mammal species richness, nor did plant species richness. The slopes of the relationships between park area and mammal species richness (Figure 18) were statistically similar, but the slope of the GLKN was

negative, unlike the slopes of the other networks. The relationship between plant species richness and mammal species richness were similar among networks (Figure 19).

Discussion

Species area relationships varied among networks for plant species, amphibian, reptile, and bird species richness, while the relationships between plant species and vertebrate taxa richness did not differ. A possible reason for detecting few relationships between plants and vertebrate richness could be my not including habitat heterogeneity. Habitat heterogeneity can influence species richness (Noss 1990, Huston 1994, Rosenzweig 1995). The inclusion of a variable that accounted for the difference among networks in habitat heterogeneity would likely have been a better predictor of species richness than park area or vascular plant species richness. Habitat heterogeneity is one of the most important explanations for variation in species richness, particularly at scales as large as I&M networks (Huston 1999a). It would have been interesting to see whether habitat heterogeneity was related to species richness of some taxa more than other taxa. Increasing or decreasing habitat heterogeneity will affect the resources available to species as well as alter inter- and intra-species interactions for obtaining the resources (Bolen & Robinson 2003). Having knowledge of the habitat heterogeneity of the parks and the relationship of habitat heterogeneity with species richness would be beneficial for park managers when making decisions on altering or disturbing habitat. However, NPS does not have this kind of information at the present time.

Another reason for the variation among the slopes was likely due to small sample size. This study had only five networks and no more than 15 parks for which data were available within a network. These results differed from the results in Chapter One, where

Table 4. Species richness and physical variable summary statistics for 5 National Park Service Inventory and Monitoring Networks in the Eastern United States. Number of parks (n) is the sample size in each network for calculating summary statistics. The mean, Min, Max, and standard deviation (SD) of each network are listed for the physical variables of park area, average temperature and precipitation, latitude, and population density surrounding the park (See text of Methods for definition of population density variable). The mean, Min, Max, and standard deviation of each network for the species richness of vascular plants, amphibians, reptiles, birds and mammals are also provided.

			Physical Variables					Species Richness				
			Park Area (Ha)	Average Annual Temp. (C^0)	Average Annual Precip. (cm)	Park Latitude (DD)	Population Density (Ha)	Vascular Plant	Amphibian	Reptile	Bird	Mammal
Inventory and Monitoring Networks	Great Lakes Network	n	9	9	9	9	9	9	9	9	9	9
		Mean	37683.38	5.99	81.84	46.15	0.62	883.56	11.89	10.78	240.89	38.89
		Min	25.26	4.44	69.85	41.64	0.01	471	4	1	178	18
		Max	218247.37	10.00	95.25	48.50	3.62	1403	17	23	301	50
		SD	69693.39	2.02	6.69	2.15	1.20	279.41	4.51	8.51	39.22	9.83
	Heartland Network	n	15	15	15	15	15	15	15	15	15	15
		Mean	4728.11	13.52	102.02	38.53	0.82	516.67	11.27	17.73	130.93	26.73
		Min	13.06	7.22	69.85	34.02	0.02	180	1	3	58	14
		Max	35842.04	18.33	139.70	44.01	8.58	1036	23	37	240	52
		SD	10206.17	3.85	19.57	2.99	2.17	226.05	6.42	9.89	57.76	10.20
	Northeast Coastal and Barrier Network	n	6	6	6	6	6	6	3	3	4	no data
		Mean	2704.50	14.63	107.95	38.88	6.84	551.67	19.67	20.33	239.5	
		Min	130.30	12.78	107.95	37.22	0.28	111	13	8	112	
		Max	8160.18	15.56	107.95	40.67	31.28	939	32	36	338	
		SD	3007.40	1.44	0.00	1.42	12.16	296.48	10.69	14.29	115.70	
	National Capital Region Network	n	5	5	5	5	5	5	5	5	5	5
		Mean	2674.88	12.78	100.33	39.17	1.89	655.8	17.2	18.2	130.2	32.6
		Min	801.90	12.78	95.25	38.58	0.78	368	11	11	119	25
		Max	7241.38	12.78	107.95	39.65	3.21	874	21	25	158	41
		SD	2619.03	0.00	6.96	0.45	1.21	184.25	4.15	6.30	16.05	6.58
	Northeast Temperate Network	n	8	8	8	8	8	8	6	6	7	7
		Mean	2106.58	8.61	112.71	42.68	2.92	551.5	12.5	7.17	88	22.71
		Min	3.44	4.44	95.25	40.77	0.13	217	11	4	32	2
		Max	14362.96	10.00	139.70	44.35	6.87	837	13	10	214	37
		SD	4968.28	2.10	17.56	1.21	2.82	229.45	0.84	2.56	64.31	13.95

Table 5. ANCOVA comparison of 5 National Park Service networks (Great Lakes, Heartland, Northeast Coast and Barrier, National Capitol Region, and Northeast Temperate) for the northeastern United States. Response variables are plant, amphibian, reptile, bird, and mammal species richness for each park occurring in the networks. Covariates are the 5 networks, log of the total area of the park and plant species richness is included for the vertebrate ANCOVAs. Degrees of freedom, F-values, and p-values are reported for each ANCOVA.

Plant Species Richness			
source	Degrees of Freedom	F-value	P-value
NPS Network	4	1 61	0 1955
Log of Park Area	1	7 11	**0.0118**
Network x Area	4	0.995	0.424
Residuals	33		
Amphibian Species Richness			
source	Degrees of Freedom	F-value	P-value
NPS Network	4	2 66	0 0589
Log of Park Area	1	2 19	0 1526
Plant Species Richness	1	0.73	0 4005
Network x Area	4	2 97	**0.0408**
Network x Plant Species Richness	4	1 07	0 392
Residuals	23		
Reptile Species Richness			
source	Degrees of Freedom	F-value	P-value
NPS Network	4	0 27	0 894
Log of Park Area	1	0 01	0 9048
Plant Species Richness	1	0 37	0 547
Network x Area	4	3 89	**0.0147**
Network x Plant Species Richness	4	2 63	0.0605
Residuals	23		
Bird Species Richness			
source	Degrees of Freedom	F-value	P-value
NPS Network	4	3 77	**0.0157**
Log of Park Area	1	6 87	**0.0147**
Plant Species Richness	1	0 06	0 8087
Network x Area	4	9 9	**<.0001**
Network x Plant Species Richness	4	4 35	**0.0083**
Residuals	25		
Mammal Species Richness			
source	Degrees of Freedom	F-value	P-value
NPS Network	3	1 56	0 224
Log of Park Area	1	0 01	0 9127
Plant Species Richness	1	3 29	0 0824
Network x Area	3	0 57	0 6374
Network x Plant Species Richness	3	0.255	0.857
Residuals	24		

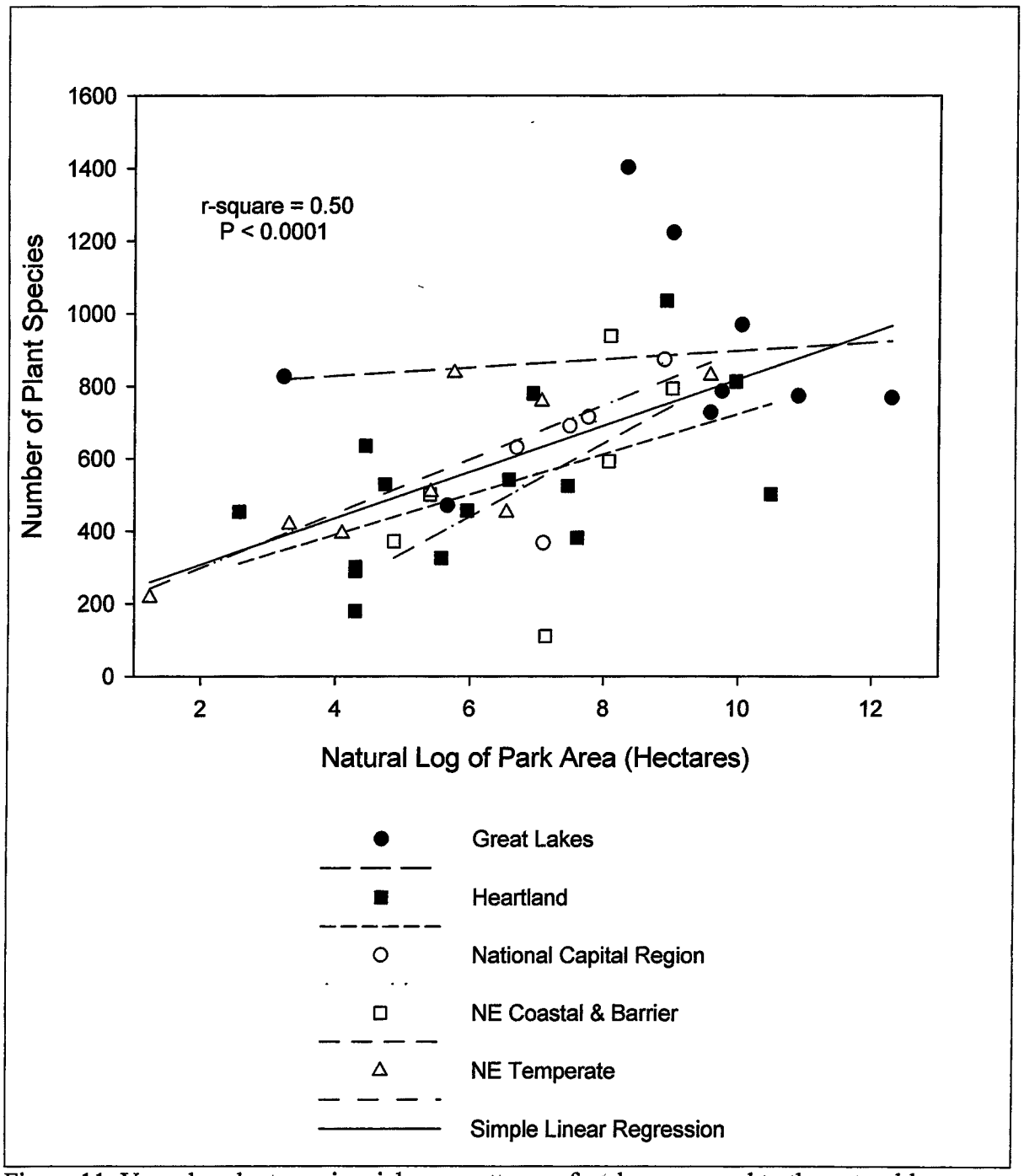


Figure 11. Vascular plant species richness patterns of parks compared to the natural log transformation of park area. The parks are grouped into 5 NPS networks in the eastern US. For park codes see chapter 1, Table 1.

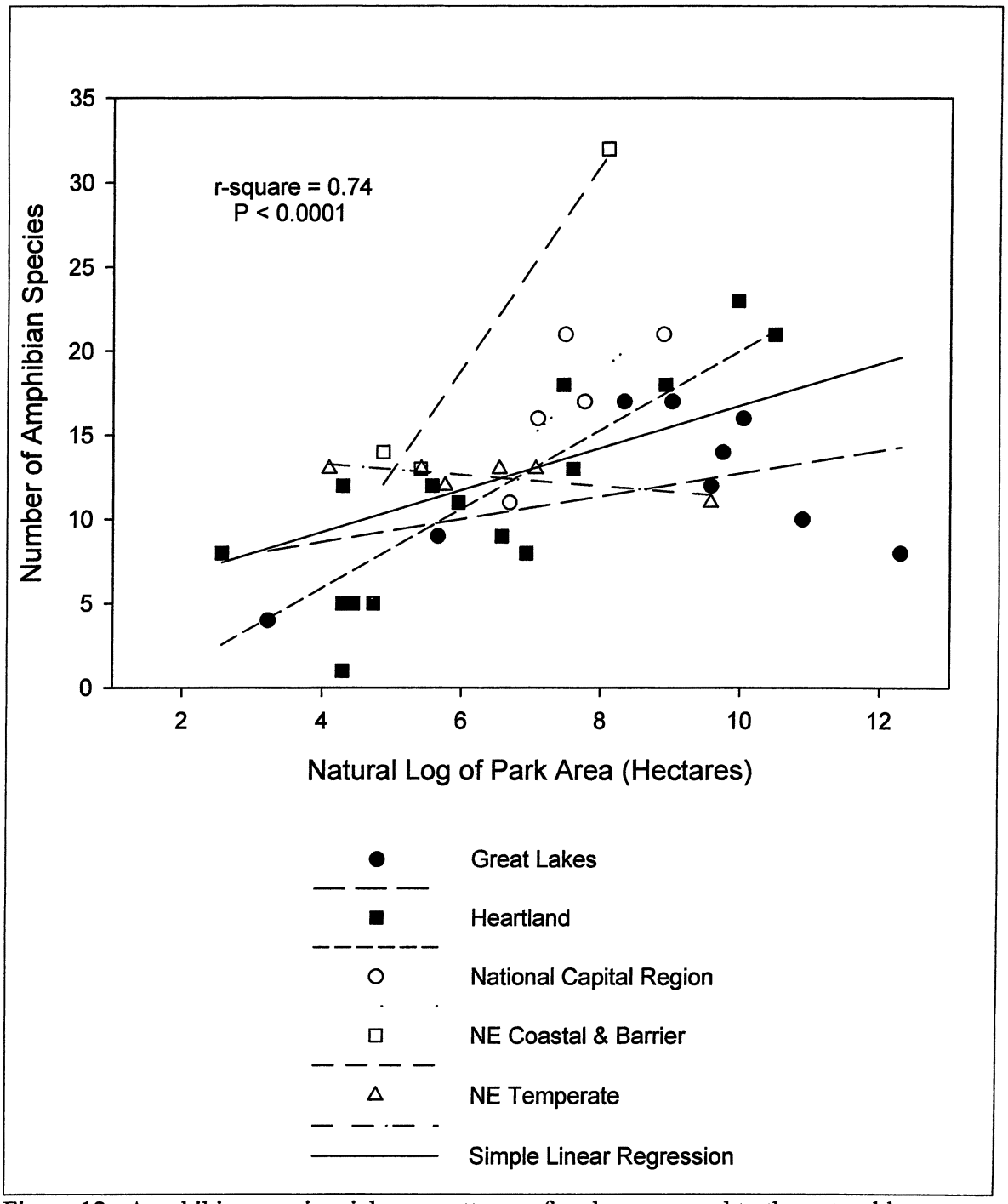


Figure 12. Amphibian species richness patterns of parks compared to the natural log transformation of park area. The parks are grouped into 5 NPS networks in the eastern US. For network codes and parks included in the networks see Chapter 1, Table 1.

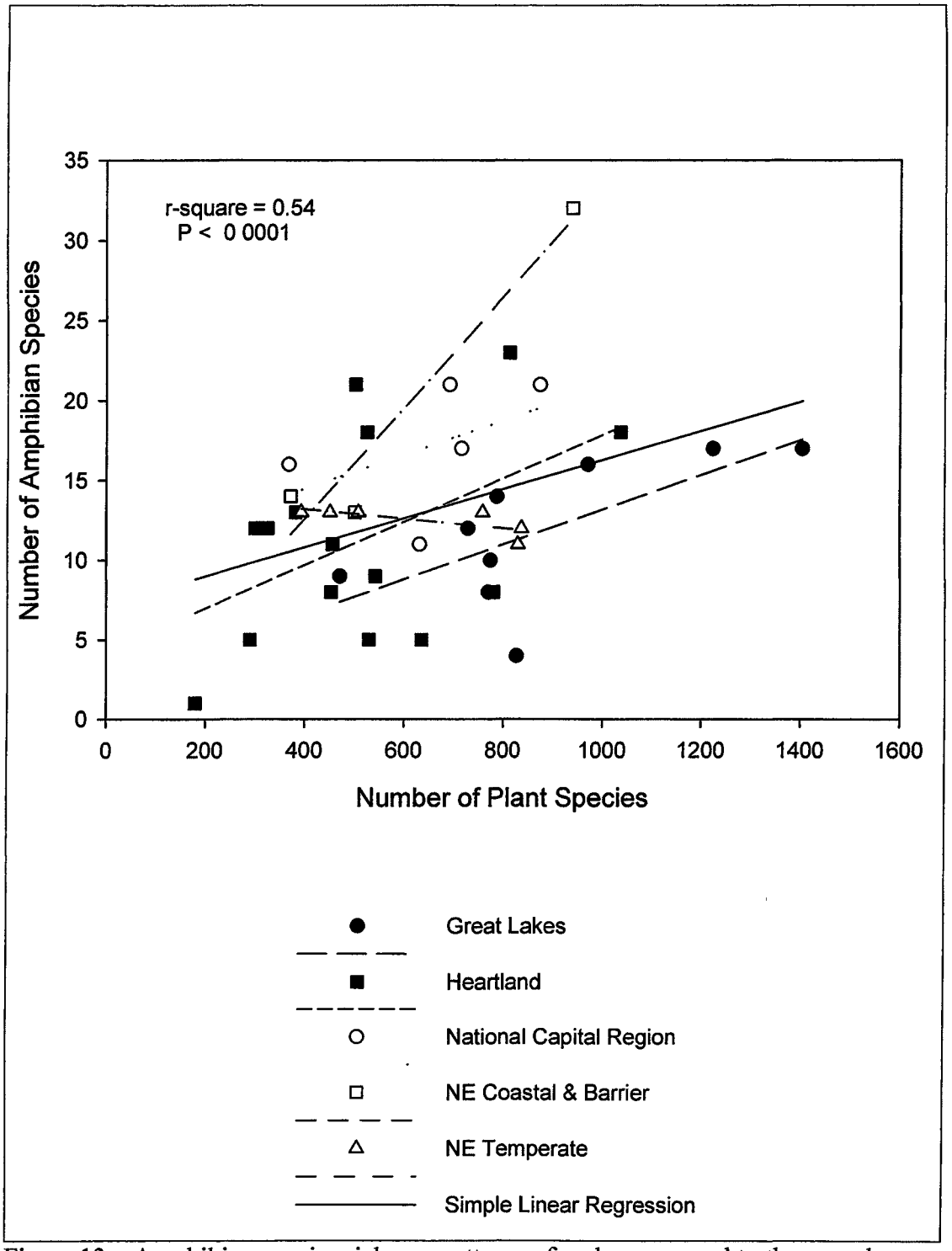


Figure 13. Amphibian species richness patterns of parks compared to the vascular plant species richness of parks. The parks are grouped into 5 NPS networks in the eastern US. For network codes see Chapter 1, Table 1.

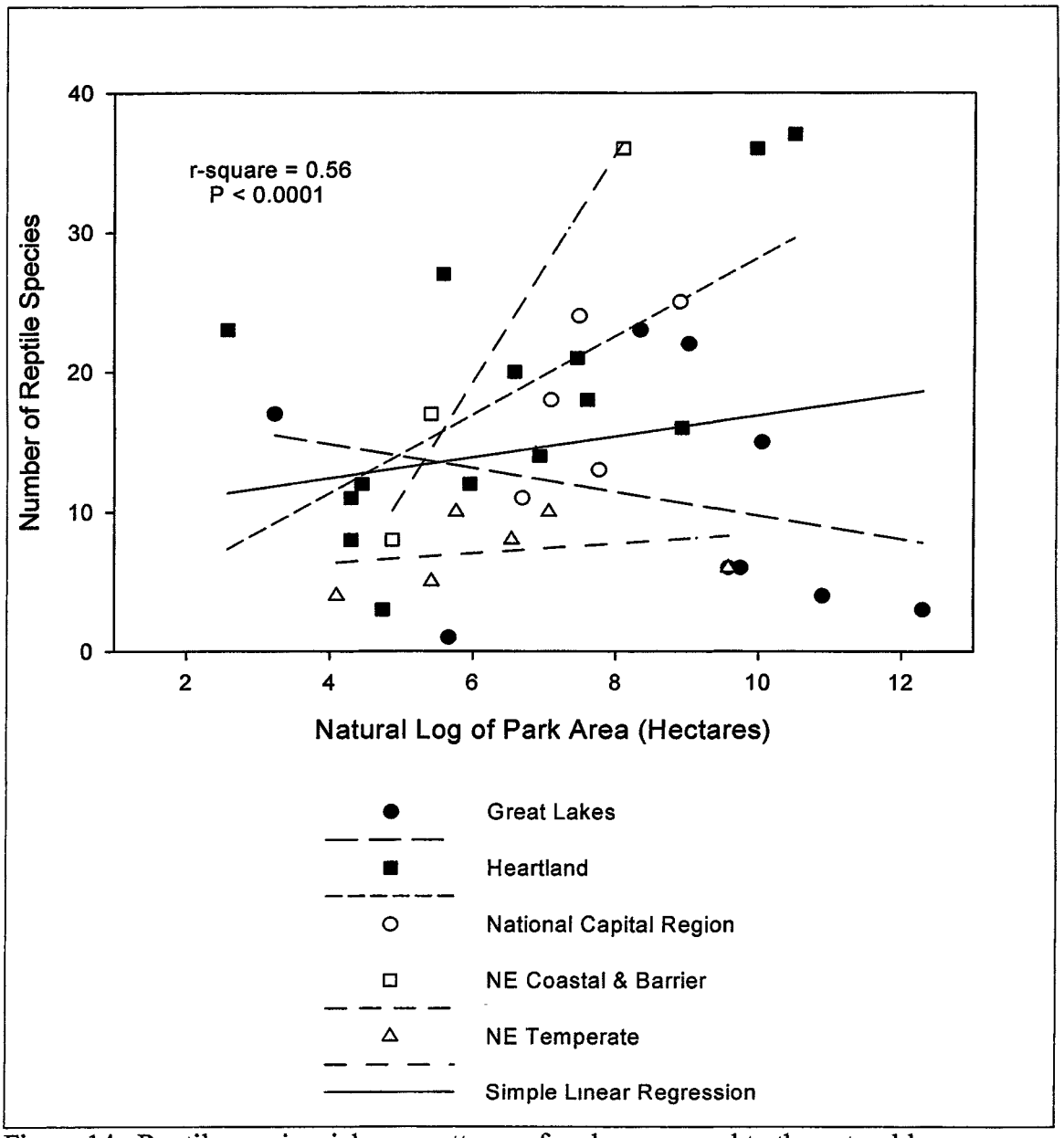


Figure 14. Reptile species richness patterns of parks compared to the natural log transformation of park area. The parks are grouped into 5 NPS networks in the eastern US. For network codes and parks included in the networks see Chapter 1, Table 1.

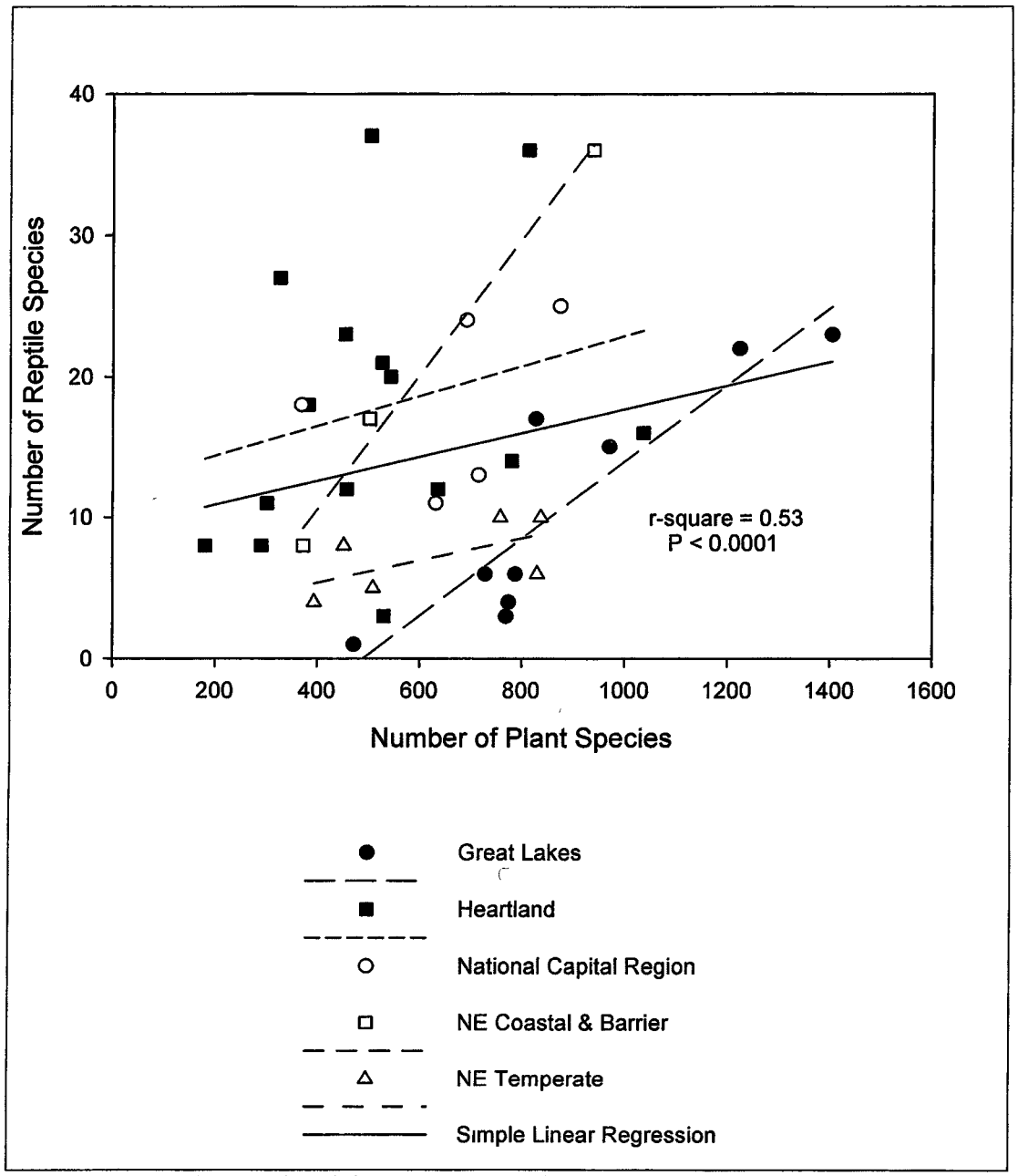


Figure 15. Reptile species richness patterns of parks compared to the vascular plant species richness of parks. The parks are grouped into 5 NPS networks in the eastern US. For network codes see Chapter 1, Table 1.

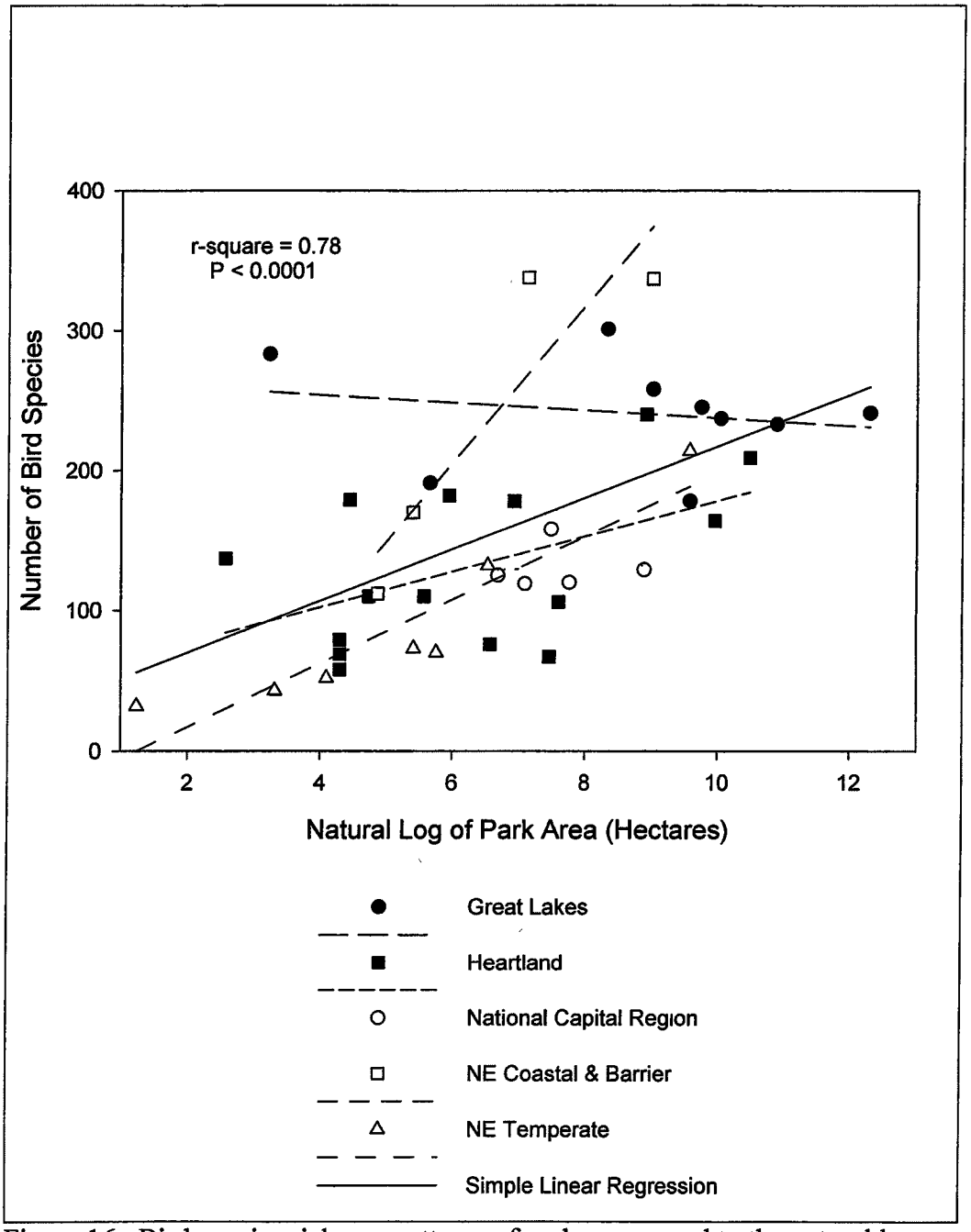


Figure 16. Bird species richness patterns of parks compared to the natural log transformation of park area. The parks are grouped into 5 NPS networks in the eastern US. For network codes and parks included in the networks see Chapter 1, Table 1.

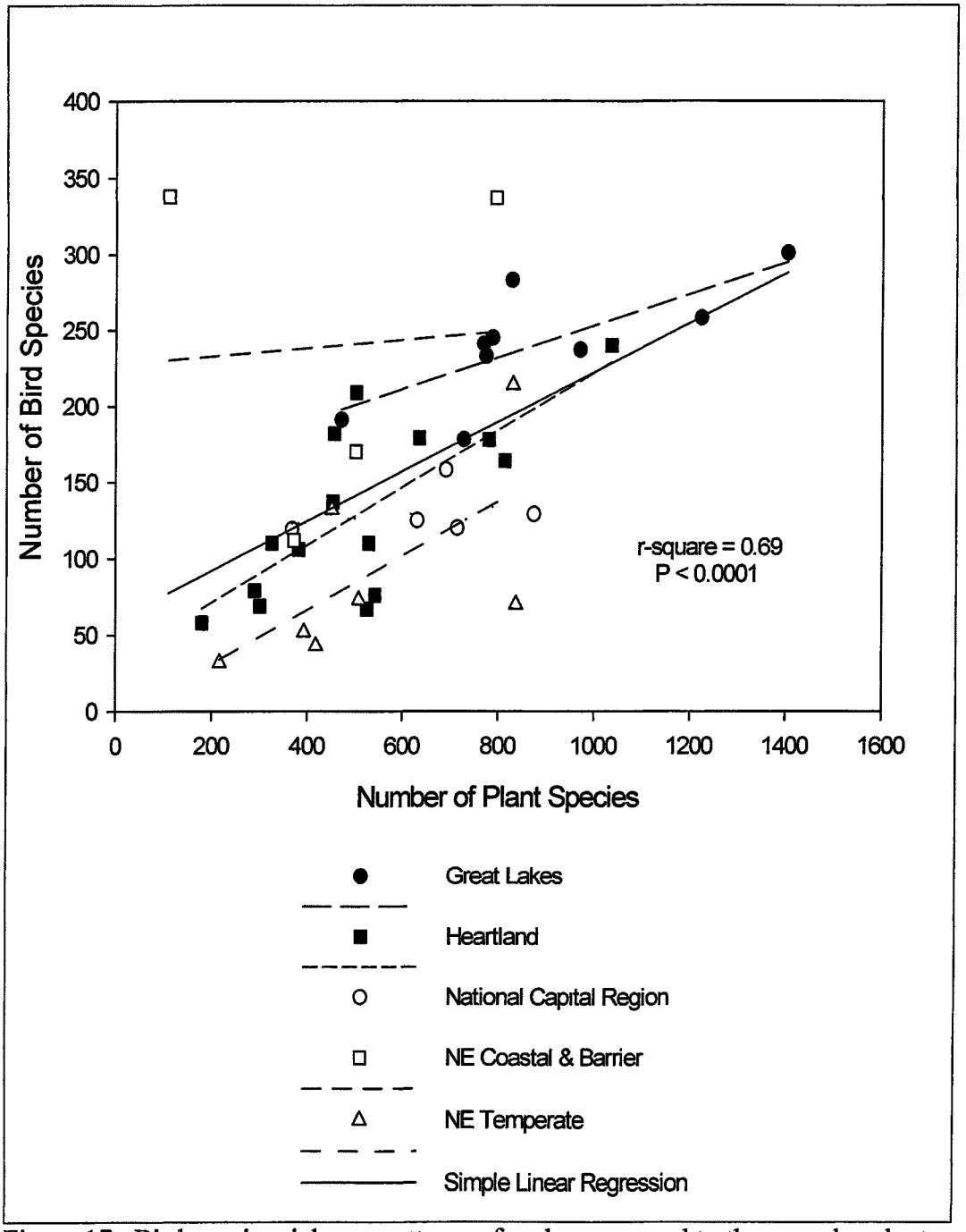


Figure 17. Bird species richness patterns of parks compared to the vascular plant species richness of parks. The parks are grouped into 5 NPS networks in the eastern US. For network codes and parks included in the networks see Chapter 1, Table 1.

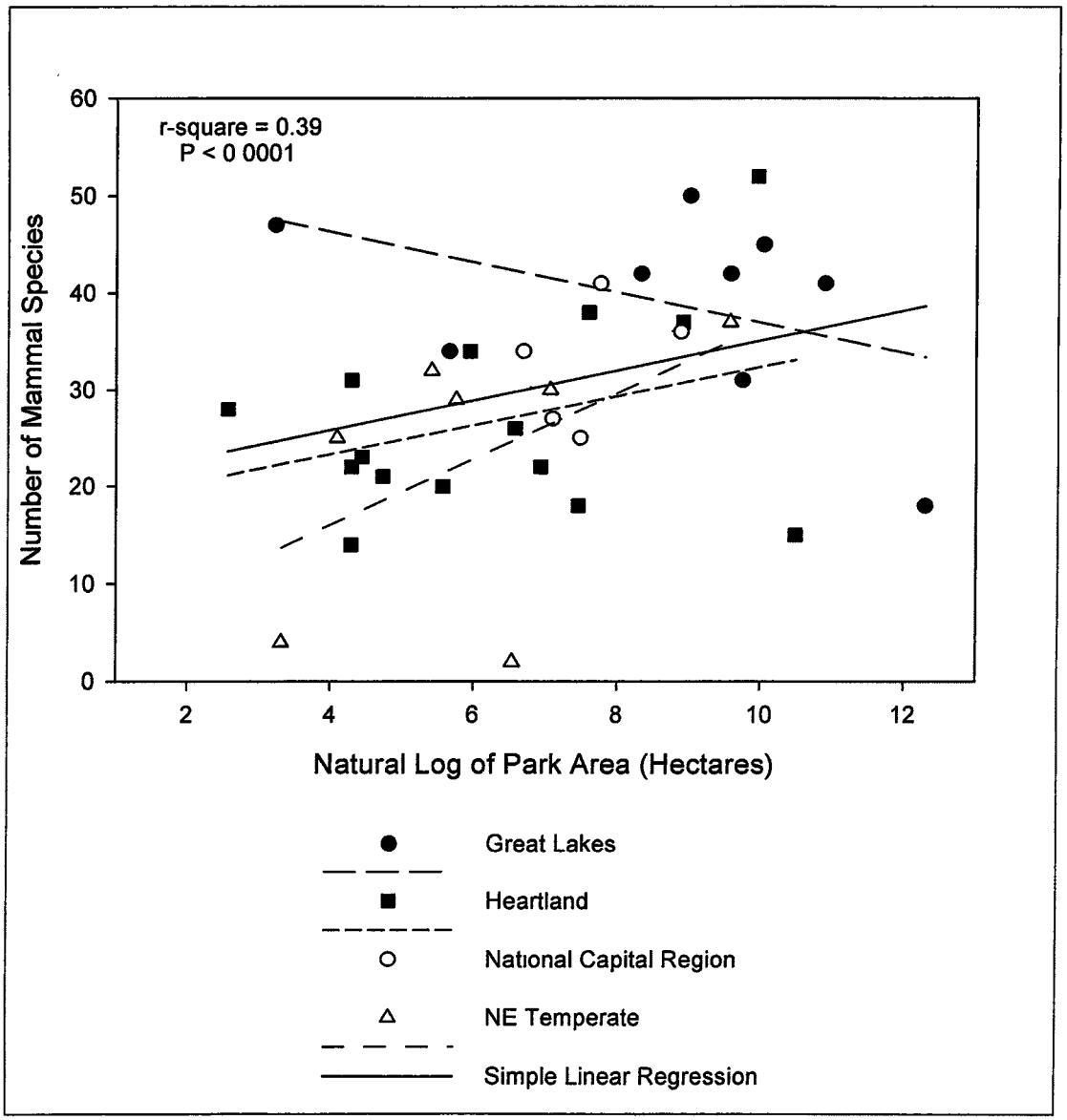


Figure 18. Mammal species richness patterns of parks compared to the natural log transformation of park area. The parks are grouped into 5 NPS networks in the eastern US. For network codes and parks included in the networks see Chapter 1, Table 1.

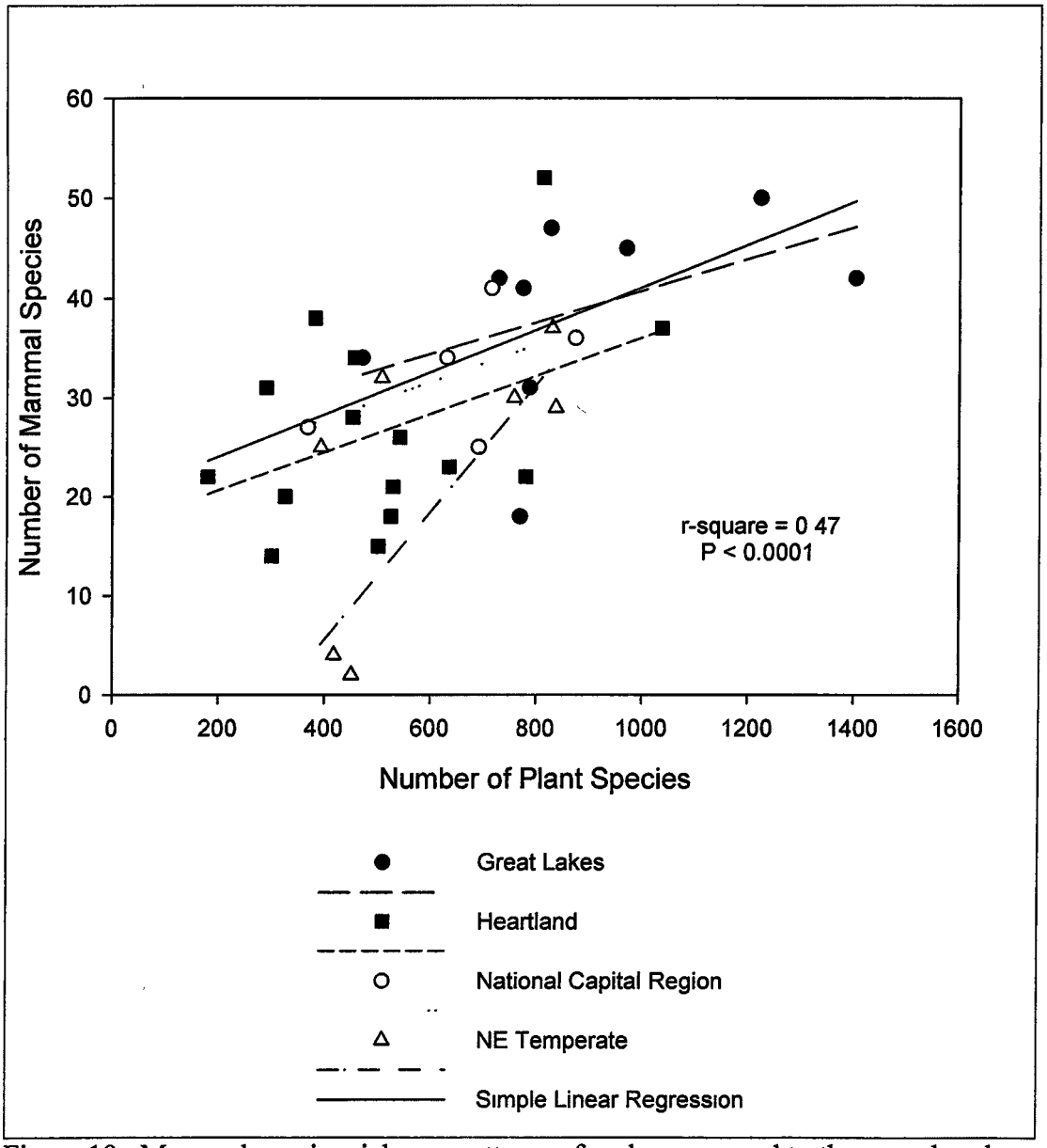


Figure 19. Mammal species richness patterns of parks compared to the vascular plant species richness of parks. The parks are grouped into 5 NPS networks in the eastern US. For network codes and parks included in the networks see Chapter 1, Table 1.

all of the parks among the networks were combined. In Chapter One park area was related to plant, amphibian, bird, and mammal species richness. Plant species richness was related to species richness of each vertebrate except reptiles in simple and multiple regressions. Therefore, the primary conclusion here is that the number of parks within each network was too small to reliably assess differences among networks.

The species diversity in an area is influenced by biotic and abiotic factors (Boone & Krohn 2000). There are three sets of hypotheses about the primary factors influencing species diversity (Zhao & Fang 2006). One set is founded in climatic variables such as temperature and precipitation (Klopfer 1959, Hawkins et al. 2003) and predicts the amount of available energy available to vascular plant and vertebrate species, thus affecting their distribution. The second set is founded in habitat heterogeneity and topography (Noss 1983, Bohning-Gaese 1997, Jetz & Rahbek 2001) and predicts that species are limited in their distribution based on physical barriers such as water bodies and mountain ranges that limit potential dispersion. The third type of hypothesis considers the interaction between natural variation in productivity, which is influenced by climate and soils, and variation in natural or anthropogenic disturbances that kill organisms (Huston 1979, 1994). This hypothesis predicts that the effects of disturbances on species diversity can actually reverse between environments that differ sufficiently in productivity. Because many human impacts, including management practices, involve mortality, biodiversity management may actually have opposite results in different parks or different park networks (Huston et al. 1999).

All of these hypotheses are related to one another in various ways and to differing degrees. It is unlikely that species diversity in any region will be determined by only one or even a few of these processes or that one process will have the same effect across multiple regions. Reasons for differences among the networks are likely due to multiple interacting processes.

One factor that differed among the networks was the average park area. The Great Lakes Network (GLKN) had the largest park area on average and the highest average number of plant, bird, and mammal species. However this network possessed the lowest average richness of amphibian and reptile species. The lower richness of amphibians and reptiles in this park may be influenced by latitude. Higher latitudes are correlated with colder temperatures. Amphibians and reptiles are exothermic and less capable of exploiting colder environments (Pough et al. 2004). Therefore, lower amphibian and reptile species richness at higher latitudes is not surprising.

There was an interaction in the relationships of park area and amphibian, reptile, and bird species richness among networks. The two networks (NETN and GLKN) with parks that occurred at higher latitudes had negative slopes in these relationships. The GLKN slope was also negative in the ANCOVA for mammal species richness, although the network and park area interaction was not statistically significant. The lack of a statistically significant interaction is likely due to small sample size, which was the lowest for mammal species richness data (n = 36). For amphibian species richness the NETN's negative slope with area is due to the fact that the largest park in the network, Acadia National Park, occurs at the highest latitude in that network. For the ANCOVAs for reptile, bird, and mammal species richness, the negative slopes with park area in the

GLKN were caused by the size and location of two parks. Isle Royale and Voyageurs National Parks both occur at the highest latitudes in the GLKN and have the largest park areas for the entire dataset.

Species richness of most taxa increases as latitude decreases, at least in terrestrial environments (Fischer 1961). Therefore, latitude and factors correlated to latitude such as temperature probably influence the differences in species richness seen across the networks for bird species richness. When looking at richness patterns for birds (Simpson 1964) across that region of the United States in which these networks occur, I found a trend of species richness decreasing with increasing latitude.

The longitude of the parks may have also influenced the variation in bird species richness among the networks. Some of the parks occur along one or the other of two major migratory pathways, the Atlantic and the Mississippi, while others do not (Braun 2005). The migratory species will utilize habitat for food and cover rather than for nesting or long-term shelter. Migratory species may affect the relationships of plant species richness and bird species richness among the networks because they may be only present a short time and not interact significantly with the heterogeneity of the vegetation (Bolen & Robinson 2003).

Suggestions have been made that one determinant of avian species richness in areas as large as the I&M networks may be available energy (Bohning-Gaese 1997). Mean annual temperature may reflect available energy among the networks. The network with the lowest mean annual temperature (GLKN) surprisingly had the highest average of bird species (240.89). However, this was the network with the greatest average park area, and this fact likely influenced this relationship.

Amphibian, reptile, and mammal species richness did not demonstrate strong relationships with park area among the networks. In Chapter One a significant relationship was demonstrated between park area and amphibians species richness, which was explained by the dependence of amphibians on aquatic habitats. The parks that had the greatest amphibian species richness also had the greatest amount of aquatic habitat. However, these parks were separated into three networks. It is likely that the parks in each individual network did not possess sufficient variation in aquatic habitats to demonstrate the relationship.

For reptiles it is possible that the species that occurred in the parks are ubiquitous throughout the region, making the size of the park and environmental differences among the networks inconsequential. For larger mammals in particular, it is possible that the species occurring in these parks disperse outside of park boundaries and therefore the park areas are not representative of the size of the area or the habitats that are required.

Mean annual precipitation varied little among the networks. The range in mean annual precipitation was from 81.84 cm in GLKN to 112.71 cm in the NETN. This similarity among networks of mean annual precipitation may have contributed to the lack of relationships demonstrated among the networks for plant, amphibian, reptile, and mammal species richness. In species richness contour maps for mammals, reptiles, and amphibians in North America (Cook 1969, Kiester 1971), the region in which this study takes place shows little variation. This section of the United States has been altered by humans and has been impacted by urbanization longer than the rest of the United States (Alig & Healy 1987, Shaw 2004). This could lead to a decline in species diversity and domination of common species in the region (Blair 1996).

Making conclusions about species richness patterns should be done carefully. There are numerous environmental variables that influence species' geographic ranges (Hawkins et al. 2003). The response of species to environmental variables in one geographic area may be very different from the response in another area (Landres et al. 1988). For biological diversity management in national parks, I suggest focusing on species' function in any given ecosystem. Merely conserving biological diversity based on a total number of species overlooks the contribution certain types of species have in specific types of ecosystems. By categorizing the species that occur in a park by their functional attributes and determining the number of species required for a particular function, one can provide a more specific conservation objective. Monitoring the changes in the number of species in a functional group will help to isolate what is changing in an ecosystem. The reverse could prove true for determining the effect that ecosystem change would have on species richness of a functional group (Huston 1999b). Ideally, surveys of species that occur in the parks would be performed on a regular basis by trained professionals in order to determine changes in the species that comprise the functional groups. This information is important when planning for types and rate of human-induced disturbance in relation to overall park management goals, whether it be increased species diversity, improved water quality, or increased access by park visitors.

The amount of variation among the parks is extensive, and includes everything from the goals of the park managers, the ecosystems present in the parks, the functional groups, to the type and number of species that compose the functional groups. This is particularly relevant to park management for biological diversity. Park management should be approached from the local and site specific criterion rather than applying

management directives from different regions of the United States (Huston et al. 1999, Huston 1999b).

NPS networks boundaries are partially designated on a biome basis but also follow bureaucratically designated boundaries (NPS 1999b). Ecoregions were mapped by the Environmental Protection Agency (EPA) and denote areas of similar ecosystems (Omernik 1987). Grouping the parks by eco-regions alone to account for similarities in the underlying causes of the diversity found within different networks may be useful to the long-term management of biological diversity. The groupings would follow the longitudinal pattern of the eco-regions, and the park groupings of particular networks (e.g., NCRN and NCBN) would be affected more than others.

APPENDIX A

PARKS WITH DUPLICATE ENTRIES OF SPECIES

Network	ParkCode	Genus and Species	Count
		Vascular Plant Species	
GLKN	APIS	Juncus anthelatus	2
HTLN	CUVA	Acorus calamus	2
HTLN	CUVA	Mentha arvensis	2
HTLN	CUVA	Monarda fistulosa	2
HTLN	EFMO	Galium boreale	2
HTLN	EFMO	Monarda fistulosa	2
NCBN	GATE	Cyperus esculentus	2
NCBN	GATE	Festuca ovina	2
NCBN	GATE	Salicornia europaea	2
NCBN	GATE	Scirpus americanus	2
NCBN	GATE	Setaria glauca	2
NCBN	GATE	Solanum nigrum	2
NCRN	ANTI	Euphorbia dentata	2
NCRN	CATO	Festuca ovina	2
NCRN	CATO	Quercus prinus	2
NETN	MIMA	Mentha arvensis	2
NETN	MORR	Aster vimineus	2
NETN	MORR	Athyrium filix-femina	2
NETN	MORR	Quercus prinus	2
		Amphibian Species	
HTLN	HOCU	Plethodon electromorphus	2
		Bird Species	
NCBN	GEWA	Otus asio	2
GLKN	SACN	Picoides dorsalis	2
GLKN	MISS	Seiurus aurocapillus	2
HTLN	PIPE	Pooecetes gramineus	2
GLKN	SACN	Poecile hudsonica	2
GLKN	INDU	Bubo scandiacus	2
		Mammal species	
NCRN	PRWI	Microtus pinetorum	2

APPENDIX B

SUBSPECIES, VARIETIES, AND HYBRIDS REMOVED FROM THE SPECIES LIST

Taxon	Subspecies, variety, hybrid
Plant	Abelia X grandiflora
Plant	Acacia angustissima var. hirta
Plant	Acalypha monococca
Plant	Acalypha rhomboidea
Plant	Acer leucoderme
Plant	Acer negundo var. texanum
Plant	Acer nigrum
Plant	Acer platanoides
Plant	Acer rubrum var. drummondii
Plant	Acer rubrum var. rubrum
Plant	Acer rubrum var. trilobum
Plant	Acer saccharum var. saccharum
Plant	Achillea millefolium var. millefolium
Plant	Achillea millefolium var. occidentalis
Plant	Achillea millefolium var. puberula
Plant	Acmella oppositifolia var. repens
Plant	Actaea rubra ssp. rubra
Plant	Aesculus glabra var. glabra
Plant	Agalinis tenuifolia var. tenuifolia
Plant	Ageratina altissima var. altissima
Plant	Ageratina altissima var. roanensis
Plant	Agrostis gigantea
Plant	Agrostis scabra
Plant	Agrostis scabra var. scabra
Plant	Agrostis stolonifera
Plant	Agrostis stolonifera var. stolonifera
Plant	Agrostis vinealis ssp. vinealis
Plant	Aira elegans
Plant	Alisma triviale
Plant	Allium canadense var. canadense

Plant	Allium canadense var. mobilense
Plant	Allium schoenoprasum var. schoenoprasum
Plant	Allium schoenoprasum var. sibiricum
Plant	Alnus incana ssp. rugosa
Plant	Alnus viridis ssp. crispa
Plant	Alopecurus aequalis var. aequalis
Plant	Ambrosia artemisiifolia var. elatior
Plant	Ambrosia trifida var. trifida
Plant	Amelanchier arborea var. arborea
Plant	Amelanchier laevis
Plant	Amelanchier laevis X sanguinea
Plant	Amelanchier sanguinea var. sanguinea
Plant	Amelanchier x interior
Plant	Amelanchier X intermedia
Plant	Amphicarpaea bracteata var. comosa
Plant	Andromeda polifolia var. glaucophylla
Plant	Andropogon ternarius var. ternarius
Plant	Andropogon virginicus var. virginicus
Plant	Anemone quinquefolia var. quinquefolia
Plant	Anemone virginiana var. alba
Plant	Anemone virginiana var. virginiana
Plant	Antennaria howellii ssp. canadensis
Plant	Antennaria howellii ssp. neodioica
Plant	Antennaria howellii ssp. petaloidea
Plant	Antennaria parlinii ssp. fallax
Plant	Antennaria parlinii ssp. parlinii
Plant	Anthemis arvensis var. arvensis
Plant	Apium graveolens var. dulce
Plant	Apium graveolens var. rapaceum
Plant	Apocynum X floribundum
Plant	Arabis hirsuta var. pycnocarpa
Plant	Arabis X divaricarpa
Plant	Arenaria serpyllifolia ssp. serpyllifolia
Plant	Argentina egedii ssp. groenlandica
Plant	Arisaema triphyllum ssp. stewardsonii
Plant	Arisaema triphyllum ssp. triphyllum
Plant	Aristida dichotoma var. curtissii
Plant	Aristida dichotoma var. dichotoma
Plant	Aristida purpurascens var. purpurascens
Plant	Aristida purpurascens var. virgata
Plant	Artemisia campestris ssp. caudata
Plant	Artemisia ludoviciana ssp. ludoviciana
Plant	Artemisia vulgaris var. vulgaris
Plant	Arthraxon hispidus
Plant	Aruncus dioicus var. pubescens
Plant	Arundinaria gigantea ssp. gigantea
Plant	Asarum canadense

Plant	Asclepias incarnata ssp. incarnata
Plant	Asclepias incarnata ssp. pulchra
Plant	Asclepias tuberosa ssp. interior
Plant	Asplenium ruta-muraria var. cryptolepis
Plant	Asplenium trichomanes ssp. trichomanes
Plant	Asplenium X ebenoides
Plant	Asplenium X gravesii
Plant	Asplenium X kentuckiense
Plant	Aster lanceolatus ssp. lanceolatus var. interior
Plant	Aster lanceolatus ssp. lanceolatus var. lanceolatus
Plant	Aster oolentangiensis var. oolentangiensis
Plant	Aster pilosus var. pilosus
Plant	Aster subulatus var. subulatus
Plant	Astragalus crassicarpus var. trichocalyx
Plant	Athyrium filix-femina ssp. angustum
Plant	Athyrium filix-femina ssp. asplenioides
Plant	Atriplex prostrata
Plant	Aureolaria pedicularia var. intercedens
Plant	Avena sativa
Plant	Baptisia alba var. macrophylla
Plant	Baptisia bracteata var. leucophaea
Plant	Barbarea vulgaris
Plant	Bartonia paniculata ssp. iodandra
Plant	Betula papyrifera var. cordifolia
Plant	Betula pumila var. glandulifera
Plant	Betula X caerulea
Plant	Betula X rosendahlii
Plant	Betula X sargentii
Plant	Blephilia hirsuta var. hirsuta
Plant	Boehmeria cylindrica
Plant	Boltonia asteroides var. latisquama
Plant	Boltonia asteroides var. recognita
Plant	Bothriochloa ischaemum var. songarica
Plant	Botrychium dissectum
Plant	Botrychium lanceolatum var. angustisegmentum
Plant	Botrychium multifidum
Plant	Brachyelytrum erectum var. erectum
Plant	Brachyelytrum septentrionale
Plant	Brassica rapa ssp. rapa
Plant	Brassica rapa var. rapa
Plant	Brickellia eupatorioides var. corymbulosa
Plant	Brickellia eupatorioides var. eupatorioides
Plant	Brickellia eupatorioides var. texana
Plant	Bromus hordeaceus ssp. hordeaceus
Plant	Bromus inermis ssp. inermis
Plant	Bromus inermis var. inermis
Plant	Calamagrostis canadensis var. canadensis

Plant	Calamagrostis stricta ssp. inexpansa
Plant	Calamintha nepeta ssp. nepeta
Plant	Calamovilfa longifolia var. longifolia
Plant	Calamovilfa longifolia var. magna
Plant	Callitriche terrestris
Plant	Caltha palustris var. palustris
Plant	Calycanthus floridus var. glaucus
Plant	Calystegia sepium ssp. americana
Plant	Calystegia sepium ssp. angulata
Plant	Calystegia sepium ssp. sepium
Plant	Calystegia spithamaea ssp. spithamaea
Plant	Cardamine parviflora var. arenicola
Plant	Cardamine pratensis var. pratensis
Plant	Carex albicans var. albicans
Plant	Carex albicans var. australis
Plant	Carex albicans var. emmonsii
Plant	Carex amphibola
Plant	Carex amphibola var. amphibola
Plant	Carex annectens
Plant	Carex aquatilis var. aquatilis
Plant	Carex atlantica ssp. atlantica
Plant	Carex atlantica ssp. capillacea
Plant	Carex austrina
Plant	Carex blanda
Plant	Carex brunnescens ssp. brunnescens
Plant	Carex brunnescens ssp. sphaerostachya
Plant	Carex canescens ssp. canescens
Plant	Carex canescens ssp. disjuncta
Plant	Carex crinita var. brevicrinis
Plant	Carex crinita var. crinita
Plant	Carex debilis var. debilis
Plant	Carex debilis var. rudgei
Plant	Carex deweyana var. deweyana
Plant	Carex digitalis
Plant	Carex echinata ssp. echinata
Plant	Carex foenea var. foenea
Plant	Carex granularis var. granularis
Plant	Carex granularis var. haleana
Plant	Carex gravida var. gravida
Plant	Carex grayi
Plant	Carex gynandra
Plant	Carex hirsutella
Plant	Carex inops ssp. heliophila
Plant	Carex lasiocarpa var. americana
Plant	Carex laxiculmis var. laxiculmis
Plant	Carex laxiflora var. laxiflora
Plant	Carex livida var. radicaulis

Plant	Carex magellanica ssp. irrigua
Plant	Carex magellanica ssp. magellanica
Plant	Carex muehlenbergii var. enervis
Plant	Carex muehlenbergii var. muehlenbergii
Plant	Carex norvegica ssp. inferalpina
Plant	Carex oxylepis var. oxylepis
Plant	Carex scoparia var. scoparia
Plant	Carex stipata var. maxima
Plant	Carex tonsa var. rugosperma
Plant	Carex trisperma var. trisperma
Plant	Carex vesicaria var. vesicaria
Plant	Carex X subimpressa
Plant	Carpinus caroliniana ssp. caroliniana
Plant	Carpinus caroliniana ssp. virginiana
Plant	Carya glabra var. glabra
Plant	Caryopteris X clandonensis
Plant	Castanea pumila var. ozarkensis
Plant	Ceanothus americanus
Plant	Celtis laevigata var. texana
Plant	Cerastium fontanum ssp. vulgare
Plant	Cercis canadensis var. canadensis
Plant	Chaerophyllum procumbens var. procumbens
Plant	Chaerophyllum tainturieri var. tainturieri
Plant	Chaetopappa asteroides var. asteroides
Plant	Chamaecrista fasciculata var. fasciculata
Plant	Chamaecrista nictitans var. nictitans
Plant	Chamaedaphne calyculata var. angustifolia
Plant	Chamaerhodos erecta ssp. nuttallii
Plant	Chamaesyce serpyllifolia ssp. serpyllifolia
Plant	Chamerion angustifolium ssp. angustifolium
Plant	Chelone glabra
Plant	Chelone glabra var. glabra
Plant	Chenopodium album var. album
Plant	Chenopodium berlandieri var. bushianum
Plant	Chimaphila umbellata ssp. cisatlantica
Plant	Cicuta maculata var. maculata
Plant	Circaea alpina ssp. alpina
Plant	Circaea lutetiana ssp. canadensis
Plant	Cirsium arvense
Plant	Cirsium horridulum var. horridulum
Plant	Claytonia virginica var. virginica
Plant	Clematis X jackmanii
Plant	Coeloglossum viride var. virescens
Plant	Comandra umbellata ssp. umbellata
Plant	Commelina erecta var. deamiana
Plant	Conyza canadensis var. canadensis
Plant	Conyza canadensis var. pusilla

Plant	Corispermum americanum var. rydbergii
Plant	Cornus amomum ssp. amomum
Plant	Cornus obliqua
Plant	Cornus racemosa
Plant	Cornus sericea ssp. sericea
Plant	Corydalis micrantha ssp. australis
Plant	Corydalis micrantha ssp. micrantha
Plant	Corylus cornuta var. cornuta
Plant	Crataegus crus-galli
Plant	Crataegus douglasii var. douglasii
Plant	Croton capitatus var. lindheimeri
Plant	Croton glandulosus var. septentrionalis
Plant	Cucurbita maxima var. maxima
Plant	Cucurbita pepo var. melopepo
Plant	Cucurbita pepo var. ovifera
Plant	Cuscuta gronovii var. gronovii
Plant	Cynodon dactylon var. dactylon
Plant	Cynoglossum virginianum var. boreale
Plant	Cyperus filicinus
Plant	Cyperus lupulinus ssp. lupulinus
Plant	Cyperus lupulinus ssp. macilentus
Plant	Cyperus polystachyos var. texensis
Plant	Cypripedium parviflorum
Plant	Cypripedium pubescens var. makasin
Plant	Cypripedium pubescens var. pubescens
Plant	Cystopteris tenuis
Plant	Dalea purpurea var. purpurea
Plant	Datura stramonium var. stramonium
Plant	Daucus carota ssp. carota
Plant	Daucus carota ssp. sativus
Plant	Delphinium carolinianum ssp. carolinianum
Plant	Delphinium carolinianum ssp. virescens
Plant	Descurainia pinnata ssp. brachycarpa
Plant	Desmodium paniculatum var. paniculatum
Plant	Dichanthelium acuminatum var. acuminatum
Plant	Dichanthelium acuminatum var. fasciculatum
Plant	Dichanthelium acuminatum var. lindheimeri
Plant	Dichanthelium commutatum
Plant	Dichanthelium dichotomum var. dichotomum
Plant	Dichanthelium dichotomum var. ensifolium
Plant	Dichanthelium oligosanthes var. oligosanthes
Plant	Dichanthelium oligosanthes var. scribnerianum
Plant	Dichanthelium ovale var. addisonii
Plant	Dichanthelium sabulorum var. thinium
Plant	Dichanthelium sphaerocarpon var. isophyllum
Plant	Dichanthelium sphaerocarpon var. sphaerocarpon
Plant	Dichanthelium villosissimum var. praecocius

Plant	Dichanthelium villosissimum var. villosissimum
Plant	Digitaria cognata var. cognata
Plant	Digitaria ischaemum var. ischaemum
Plant	Diodia teres var. hystricina
Plant	Diodia teres var. teres
Plant	Dipsacus fullonum ssp. sylvestris
Plant	Dodecatheon meadia ssp. brachycarpum
Plant	Doellingeria umbellata var. pubens
Plant	Doellingeria umbellata var. umbellata
Plant	Draba breweri var. cana
Plant	Draba cuneifolia var. cuneifolia
Plant	Drosera rotundifolia var. rotundifolia
Plant	Dryopteris cristata X goldiana
Plant	Dryopteris cristata X spinulosa
Plant	Dryopteris fragrans var. remotiuscula
Plant	Dryopteris X boottii
Plant	Dryopteris X neowherryi
Plant	Dryopteris X slossoniae
Plant	Dryopteris X triploidea
Plant	Dryopteris x uliginosa
Plant	Echinochloa muricata var. microstachya
Plant	Echinochloa muricata var. muricata
Plant	Elaeagnus umbellata var. parvifolia
Plant	Eleocharis obtusa
Plant	Eleocharis tenuis var. tenuis
Plant	Eleocharis tenuis var. verrucosa
Plant	Elyhordeum X montanense
Plant	Elymus canadensis
Plant	Elymus hystrix var. bigeloviana
Plant	Elymus hystrix var. hystrix
Plant	Elymus lanceolatus ssp. psammophilus
Plant	Elymus trachycaulus ssp. subsecundus
Plant	Elymus trachycaulus ssp. trachycaulus
Plant	Elymus virginicus var. halophilus
Plant	Elymus virginicus var. virginicus
Plant	Elytrigia repens var. repens
Plant	Epilobium ciliatum ssp. ciliatum
Plant	Epilobium ciliatum ssp. glandulosum
Plant	Equisetum hyemale var. affine
Plant	Equisetum X ferrissii
Plant	Equisetum X litorale
Plant	Equisetum x nelsonii
Plant	Equisetum X trachyodon
Plant	Eragrostis pilosa
Plant	Eragrostis pilosa var. pilosa
Plant	Erechtites hieraciifolia var. hieraciifolia
Plant	Erigeron philadelphicus var. philadelphicus

Plant	Erigeron pulchellus var. pulchellus
Plant	Erigeron strigosus var. strigosus
Plant	Eriogonum longifolium var. longifolium
Plant	Eriophorum angustifolium ssp. angustifolium
Plant	Eriophorum angustifolium ssp. subarcticum
Plant	Eriophorum vaginatum var. spissum
Plant	Euonymus atropurpurea var. atropurpurea
Plant	Eupatorium hyssopifolium var. calcaratum
Plant	Eupatorium hyssopifolium var. hyssopifolium
Plant	Eupatorium hyssopifolium var. laciniatum
Plant	Eupatorium leucolepis var. leucolepis
Plant	Eupatorium maculatum var. maculatum
Plant	Eupatorium perfoliatum var. perfoliatum
Plant	Eupatorium pilosum
Plant	Eupatorium purpureum var. purpureum
Plant	Eupatorium rotundifolium var. ovatum
Plant	Eupatorium rotundifolium var. rotundifolium
Plant	Eupatorium sessilifolium var. brittonianum
Plant	Euthamia graminifolia var. graminifolia
Plant	Euthamia graminifolia var. nuttallii
Plant	Euthamia tenuifolia var. tenuifolia
Plant	Festuca trachyphylla
Plant	Fimbristylis puberula var. puberula
Plant	Fragaria vesca ssp. americana
Plant	Fragaria virginiana ssp. grayana
Plant	Fragaria virginiana ssp. virginiana
Plant	Fraxinus americana
Plant	Fraxinus pennsylvanica
Plant	Fraxinus pennsylvanica var. pennsylvanica
Plant	Galium arkansanum
Plant	Galium circaezans var. hypomalacum
Plant	Galium obtusum ssp. filifolium
Plant	Galium pilosum var. puncticulosum
Plant	Galium tinctorium
Plant	Galium wirtgenii
Plant	Gamochaeta americana
Plant	Gaylussacia dumosa
Plant	Gentianella quinquefolia ssp. occidentalis
Plant	Geranium carolinianum var. carolinianum
Plant	Geum aleppicum
Plant	Geum canadense var. camporum
Plant	Geum canadense var. canadense
Plant	Gladiolus X gandavensis
Plant	Glandularia bipinnatifida var. bipinnatifida
Plant	Glaux maritima
Plant	Glaux maritima ssp. maritima
Plant	Glechoma hederacea

Plant	Gleditsia triacanthos
Plant	Glyceria grandis var. grandis
Plant	Glyceria x laxa
Plant	Gnaphalium obtusifolium var. obtusifolium
Plant	Goodyera repens
Plant	Grindelia lanceolata var. lanceolata
Plant	Grindelia squarrosa var. serrulata
Plant	Hackelia deflexa var. americana
Plant	Halenia deflexa ssp. deflexa
Plant	Hedyotis nigricans var. nigricans
Plant	Helenium amarum var. amarum
Plant	Helenium autumnale var. autumnale
Plant	Helianthus pauciflorus ssp. pauciflorus
Plant	Helianthus pauciflorus ssp. subrhomboideus
Plant	Helianthus petiolaris ssp. petiolaris
Plant	Helianthus X laetiflorus
Plant	Heliopsis helianthoides var. helianthoides
Plant	Heliopsis helianthoides var. occidentalis
Plant	Heliopsis helianthoides var. scabra
Plant	Hepatica nobilis var. acuta
Plant	Hepatica nobilis var. obtusa
Plant	Heterotheca villosa var. villosa
Plant	Heuchera americana var. americana
Plant	Heuchera americana var. hirsuticaulis
Plant	Heuchera parviflora var. puberula
Plant	Heuchera villosa var. arkansana
Plant	Hibiscus moscheutos ssp. moscheutos
Plant	Hieracium pilosella var. pilosella
Plant	Hieracium scabrum var. scabrum
Plant	Hieracium scabrum var. tonsum
Plant	Hieracium X flagellare
Plant	Hieracium X floribundum
Plant	Hierochloe hirta ssp. arctica
Plant	Honckenya peploides ssp. robusta
Plant	Humulus lupulus var. pubescens
Plant	Huperzia selago var. selago
Plant	Huperzia X buttersii
Plant	Huperzia x protoporophila
Plant	Hydrangea cinerea
Plant	Hydrocotyle prolifera
Plant	Hylotelephium telephium ssp. telephium
Plant	Hypericum boreale
Plant	Hypericum hypericoides ssp. hypericoides
Plant	Hypericum hypericoides ssp. multicaule
Plant	Hypericum x dissimulatum
Plant	Ilex opaca var. arenicola
Plant	Ipomoea hederacea

Plant	Iris setosa var. canadensis
Plant	Iris virginica var. shrevei
Plant	Isoetes X harveyi
Plant	Iva frutescens ssp. oraria
Plant	Juncus alpinoarticulatus ssp. nodulosus
Plant	Juncus balticus var. littoralis
Plant	Juncus bufonius var. bufonius
Plant	Juncus dudleyi
Plant	Juncus effusus var. effusus
Plant	Juncus effusus var. pylaei
Plant	Juncus effusus var. solutus
Plant	Juncus stygius ssp. americanus
Plant	Juncus tenuis var. tenuis
Plant	Juniperus communis var. depressa
Plant	Juniperus virginiana var. virginiana
Plant	Krigia biflora var. biflora
Plant	Laburnum x watereri
Plant	Lactuca canadensis
Plant	Lactuca canadensis var. canadensis
Plant	Lactuca floridana var. villosa
Plant	Lactuca tatarica var. pulchella
Plant	Lamium purpureum var. incisum
Plant	Lamium purpureum var. purpureum
Plant	Lappula occidentalis var. occidentalis
Plant	Lathyrus japonicus var. maritimus
Plant	Lathyrus japonicus var. pellitus
Plant	Lathyrus venosus
Plant	Lechea intermedia var. intermedia
Plant	Lechea maritima var. virginica
Plant	Leontodon autumnalis ssp. pratensis
Plant	Leonurus cardiaca ssp. cardiaca
Plant	Lepidium virginicum var. virginicum
Plant	Leptochloa fusca ssp. fascicularis
Plant	Leptochloa panicea ssp. brachiata
Plant	Leucanthemum vulgare
Plant	Liatris pycnostachya var. pycnostachya
Plant	Lilium canadense ssp. canadense
Plant	Limonium carolinianum
Plant	Lindera benzoin var. benzoin
Plant	Lindernia dubia var. anagallidea
Plant	Lindernia dubia var. dubia
Plant	Linnaea borealis ssp. longiflora
Plant	Linum medium var. texanum
Plant	Listera X veltmanii
Plant	Lithospermum caroliniense var. croceum
Plant	Lobelia appendiculata var. appendiculata
Plant	Lobelia siphilitica var. siphilitica

Plant	Lobelia spicata var. leptostachys
Plant	Lobelia spicata var. scaposa
Plant	Lolium perenne ssp. multiflorum
Plant	Lolium perenne ssp. perenne
Plant	Lonicera dioica
Plant	Lonicera dioica var. dioica
Plant	Lonicera sempervirens var. sempervirens
Plant	Lonicera villosa var. calvescens
Plant	Lonicera villosa var. solonis
Plant	Lonicera X bella
Plant	Lonicera X minutiflora
Plant	Lonicera X xylosteoides
Plant	Lotus unifoliolatus var. unifoliolatus
Plant	Ludwigia palustris
Plant	Ludwigia peploides ssp. glabrescens
Plant	Luzula acuminata var. acuminata
Plant	Luzula acuminata var. carolinae
Plant	Luzula multiflora ssp. multiflora
Plant	Luzula multiflora var. multiflora
Plant	Luzula pallidula
Plant	Lycopersicon lycopersicum var. pyriforme
Plant	Lycopodium complanatum x digitatum
Plant	Lycopodium dendroideum
Plant	Lycopodium digitatum
Plant	Lycopodium X habereri
Plant	Lycopodium X zeilleri
Plant	Lycopus X sherardii
Plant	Lyonia ligustrina var. ligustrina
Plant	Lysimachia X commixta
Plant	Lysimachia X producta
Plant	Lythrum alatum var. alatum
Plant	Magnolia X soulangeana
Plant	Maianthemum racemosum ssp. racemosum
Plant	Malus angustifolia var. puberula
Plant	Malus X platycarpa
Plant	Matteuccia struthiopteris
Plant	Medicago sativa ssp. falcata
Plant	Medicago X varia
Plant	Melampyrum lineare var. latifolium
Plant	Melampyrum lineare var. lineare
Plant	Melothria pendula var. pendula
Plant	Mentha arvensis
Plant	Mentha X piperita
Plant	Milium effusum var. cisatlanticum
Plant	Mimosa microphylla
Plant	Mimosa nuttallii
Plant	Mimulus glabratus var. jamesii

Plant	Mimulus glabratus var. michiganensis
Plant	Mimulus ringens var. ringens
Plant	Minuartia michauxii var. michauxii
Plant	Monarda fistulosa var. fistulosa
Plant	Monarda fistulosa var. mollis
Plant	Monarda fistulosa var. stipitatoglandulosa
Plant	Monarda punctata ssp. punctata
Plant	Morus rubra var. rubra
Plant	Muhlenbergia schreberi
Plant	Muhlenbergia sylvatica var. sylvatica
Plant	Narcissus X incomparabilis
Plant	Narcissus X medioluteus
Plant	Nuphar lutea ssp. advena
Plant	Nuphar lutea ssp. pumila
Plant	Nuphar lutea ssp. rubrodisca
Plant	Nuphar lutea ssp. variegata
Plant	Nuphar luteum pumilum
Plant	Nuttallanthus texanus
Plant	Nymphaea odorata ssp. odorata
Plant	Nymphaea odorata ssp. tuberosa
Plant	Nyssa biflora
Plant	Oclemena X blakei
Plant	Odontites vernus ssp. serotinus
Plant	Oenothera fruticosa ssp. fruticosa
Plant	Oenothera fruticosa ssp. glauca
Plant	Oenothera villosa ssp. villosa
Plant	Oligoneuron rigidum var. rigidum
Plant	Onosmodium molle ssp. occidentale
Plant	Onosmodium molle ssp. subsetosum
Plant	Ophioglossum vulgatum
Plant	Opuntia compressa var. compressa
Plant	Opuntia humifusa var. humifusa
Plant	Orbexilum pedunculatum var. pedunculatum
Plant	Osmunda cinnamomea var. cinnamomea
Plant	Osmunda regalis var. spectabilis
Plant	Ostrya virginiana var. virginiana
Plant	Oxalis stricta
Plant	Packera aurea
Plant	Panicum dichotomiflorum var. dichotomiflorum
Plant	Panicum gattingeri
Plant	Panicum rigidulum var. elongatum
Plant	Panicum rigidulum var. pubescens
Plant	Panicum rigidulum var. rigidulum
Plant	Panicum virgatum var. virgatum
Plant	Parthenium integrifolium var. hispidum
Plant	Paspalum laeve
Plant	Paspalum pubiflorum

Plant	Paspalum setaceum
Plant	Passiflora lutea
Plant	Pelargonium X hortorum
Plant	Petasites frigidus var. palmatus
Plant	Petunia X atkinsiana
Plant	Petunia X hybrida
Plant	Phlox divaricata ssp. divaricata
Plant	Phlox divaricata ssp. laphamii
Plant	Phlox glaberrima ssp. interior
Plant	Phlox maculata ssp. pyramidalis
Plant	Phlox pilosa ssp. fulgida
Plant	Phlox pilosa ssp. ozarkana
Plant	Phlox pilosa ssp. pilosa
Plant	Photinia X floribunda
Plant	Physalis heterophylla var. heterophylla
Plant	Physalis longifolia var. subglabrata
Plant	Physalis philadelphica var. immaculata
Plant	Physocarpus opulifolius var. intermedius
Plant	Physostegia virginiana ssp. virginiana
Plant	Phytolacca americana var. americana
Plant	Pilea pumila var. pumila
Plant	Pityopsis graminifolia var. graminifolia
Plant	Plagiobothrys scouleri var. hispidulus
Plant	Plantago major
Plant	Plantago major var. major
Plant	Plantago maritima var. juncoides
Plant	Platanthera dilatata var. dilatata
Plant	Platanthera dilatata X hyperborea
Plant	Platanthera flava var. herbiola
Plant	Platanthera hyperborea var. hyperborea
Plant	Platanthera hyperborea var. viridiflora
Plant	Platanthera lacera var. lacera
Plant	Platanthera X media
Plant	Platanus occidentalis X orientalis
Plant	Pleopeltis polypodioides ssp. michauxiana
Plant	Pluchea odorata var. succulenta
Plant	Poa pratensis ssp. pratensis
Plant	Polemonium reptans var. reptans
Plant	Polygala ambigua
Plant	Polygala senega
Plant	Polygala verticillata var. isocycla
Plant	Polygala verticillata var. verticillata
Plant	Polygonatum biflorum var. commutatum
Plant	Polygonum amphibium var. emersum
Plant	Polygonum amphibium var. stipulaceum
Plant	Polygonum caespitosum var. longisetum
Plant	Polygonum punctatum var. confertiflorum

Plant	Polygonum punctatum var. punctatum
Plant	Polygonum ramosissimum var. prolificum
Plant	Polygonum ramosissimum var. ramosissimum
Plant	Polygonum scandens var. cristatum
Plant	Polygonum scandens var. dumetorum
Plant	Polygonum scandens var. scandens
Plant	Polypodium virginianum
Plant	Polystichum acrostichoides var. acrostichoides
Plant	Populus balsamifera X deltoides
Plant	Populus deltoides ssp. deltoides
Plant	Populus deltoides ssp. monilifera
Plant	Populus nigra
Plant	Populus X canescens
Plant	Populus X gileadensis
Plant	Populus X jackii
Plant	Potamogeton epihydrus
Plant	Potamogeton pusillus ssp. gemmiparus
Plant	Potamogeton pusillus ssp. tenuissimus
Plant	Potentilla canadensis var. canadensis
Plant	Potentilla canadensis var. villosissima
Plant	Potentilla norvegica ssp. monspeliensis
Plant	Potentilla pensylvanica var. pensylvanica
Plant	Prenanthes altissima
Plant	Proserpinaca palustris var. crebra
Plant	Prunella vulgaris ssp. lanceolata
Plant	Prunella vulgaris ssp. vulgaris
Plant	Prunus domestica var. insititia
Plant	Prunus pumila var. besseyi
Plant	Prunus pumila var. depressa
Plant	Prunus serotina var. serotina
Plant	Prunus virginiana var. virginiana
Plant	Pseudognaphalium obtusifolium ssp. obtusifolium
Plant	Pseudotsuga menziesii var. menziesii
Plant	Pteridium aquilinum var. latiusculum
Plant	Pteridium aquilinum var. pseudocaudatum
Plant	Puccinellia tenella ssp. alaskana
Plant	Pueraria montana var. lobata
Plant	Pulsatilla patens ssp. multifida
Plant	Pycnanthemum verticillatum var. pilosum
Plant	Quercus coccinea var. coccinea
Plant	Quercus marilandica var. marilandica
Plant	Quercus pagoda
Plant	Quercus rubra var. ambigua
Plant	Quercus shumardii var. schneckii
Plant	Quercus shumardii var. shumardii
Plant	Quercus similis
Plant	Quercus X beadlei

Plant	Quercus X leana
Plant	Quercus X palaeolithicola
Plant	Quercus X rubra
Plant	Ranunculus abortivus var. abortivus
Plant	Ranunculus acris var. acris
Plant	Ranunculus flammula var. filiformis
Plant	Ranunculus hispidus var. caricetorum
Plant	Ranunculus hispidus var. hispidus
Plant	Ranunculus hispidus var. nitidus
Plant	Ranunculus recurvatus var. recurvatus
Plant	Rhamnus davurica ssp. nipponica
Plant	Rhamnus lanceolata ssp. glabrata
Plant	Rhexia mariana var. ventricosa
Plant	Rhus aromatica var. aromatica
Plant	Rhus aromatica var. serotina
Plant	Rhus X pulvinata
Plant	Rhynchospora corniculata
Plant	Rhynchospora glomerata var. glomerata
Plant	Ribes aureum var. villosum
Plant	Rorippa palustris ssp. fernaldiana
Plant	Rorippa palustris ssp. hispida
Plant	Rorippa palustris ssp. palustris
Plant	Rosa acicularis ssp. sayi
Plant	Rosa arkansana var. suffulta
Plant	Rosa carolina var. carolina
Plant	Rosa setigera var. tomentosa
Plant	Rosa virginiana var. virginiana
Plant	Rosa X alba
Plant	Rosa X damascena
Plant	Rubus hispidus x setosus
Plant	Rubus idaeus ssp. idaeus
Plant	Rubus idaeus ssp. strigosus
Plant	Rubus odoratus var. odoratus
Plant	Rudbeckia fulgida var. umbrosa
Plant	Rudbeckia hirta var. hirta
Plant	Rudbeckia hirta var. pulcherrima
Plant	Rudbeckia laciniata var. laciniata
Plant	Rudbeckia triloba var. triloba
Plant	Ruellia humilis var. humilis
Plant	Ruellia pedunculata ssp. pedunculata
Plant	Rumex acetosella
Plant	Rumex crispus ssp. crispus
Plant	Rumex salicifolius var. lacustris
Plant	Rumex salicifolius var. mexicanus
Plant	Sagina nodosa ssp. borealis
Plant	Sagina nodosa ssp. nodosa
Plant	Sagittaria lancifolia ssp. media

Plant	Sagittaria latifolia
Plant	Salix exigua
Plant	Salix humilis var. humilis
Plant	Salix humilis var. tristis
Plant	Salix interior
Plant	Salix lucida ssp. lucida
Plant	Salix myricoides var. myricoides
Plant	Salix pedicellaris
Plant	Salix X pendulina
Plant	Salix X rubens
Plant	Salsola kali ssp. kali
Plant	Salsola tragus
Plant	Salvia azurea var. grandiflora
Plant	Sambucus nigra ssp. canadensis
Plant	Sambucus racemosa var. racemosa
Plant	Samolus valerandi ssp. parviflorus
Plant	Sapindus saponaria var. drummondii
Plant	Sassafras albidum
Plant	Saxifraga paniculata ssp. neogaea
Plant	Scheuchzeria palustris ssp. americana
Plant	Schizachyrium littorale
Plant	Schizachyrium scoparium ssp. scoparium
Plant	Schizachyrium scoparium var. scoparium
Plant	Schoenoplectus acutus var. acutus
Plant	Schoenoplectus acutus x tabernaemontanii
Plant	Schoenoplectus maritimus
Plant	Schoenoplectus pungens var. pungens
Plant	Scleria pauciflora var. caroliniana
Plant	Scutellaria elliptica var. elliptica
Plant	Scutellaria incana var. incana
Plant	Scutellaria lateriflora var. lateriflora
Plant	Scutellaria ovata ssp. ovata
Plant	Scutellaria parvula var. missouriensis
Plant	Scutellaria parvula var. parvula
Plant	Setaria verticilliformis
Plant	Setaria viridis var. viridis
Plant	Sideroxylon lanuginosum ssp. albicans
Plant	Sideroxylon lanuginosum ssp. lanuginosum
Plant	Sideroxylon lanuginosum ssp. oblongifolium
Plant	Silene caroliniana ssp. pensylvanica
Plant	Silene latifolia ssp. alba
Plant	Silphium asteriscus var. asteriscus
Plant	Silphium integrifolium var. integrifolium
Plant	Sisymbrium officinale
Plant	Sisyrinchium montanum var. crebrum
Plant	Sisyrinchium montanum var. montanum
Plant	Smilax bona-nox

Plant	Solanum americanum
Plant	Solanum dulcamara var. villosissimum
Plant	Solanum lycopersicum var. lycopersicum
Plant	Solidago caesia var. caesia
Plant	Solidago canadensis var. canadensis
Plant	Solidago canadensis var. gilvocanescens
Plant	Solidago canadensis var. hargeri
Plant	Solidago canadensis var. scabra
Plant	Solidago gigantea
Plant	Solidago missouriensis var. fasciculata
Plant	Solidago nemoralis var. nemoralis
Plant	Solidago odora var. odora
Plant	Solidago rugosa ssp. aspera
Plant	Solidago rugosa var. rugosa
Plant	Solidago sempervirens var. mexicana
Plant	Solidago sempervirens var. sempervirens
Plant	Solidago simplex ssp. randii
Plant	Solidago simplex var. gillmanii
Plant	Solidago simplex var. monticola
Plant	Solidago uliginosa var. linoides
Plant	Solidago ulmifolia var. palmeri
Plant	Solidago ulmifolia var. ulmifolia
Plant	Sonchus arvensis ssp. uliginosus
Plant	Sparganium erectum ssp. stoloniferum
Plant	Spartina patens
Plant	Sphenopholis intermedia
Plant	Spiraea alba var. latifolia
Plant	Spiraea prunifolia
Plant	Spiraea X arguta
Plant	Spiraea X bumalda
Plant	Spiraea X vanhouttei
Plant	Spiranthes lacera var. gracilis
Plant	Spiranthes lacera var. lacera
Plant	Spiranthes odorata
Plant	Sporobolus compositus var. compositus
Plant	Stachys palustris ssp. palustris
Plant	Stachys pilosa var. arenicola
Plant	Stachys pilosa var. pilosa
Plant	Stachys tenuifolia var. tenuifolia
Plant	Stachytarpheta X trimeni
Plant	Streptopus amplexifolius var. amplexifolius
Plant	Streptopus lanceolatus var. longipes
Plant	Streptopus lanceolatus var. roseus
Plant	Strophostyles helvula
Plant	Stuckenia filiformis ssp. filiformis
Plant	Suaeda maritima ssp. maritima
Plant	Symphoricarpos albus var. laevigatus

Plant	Symphyotrichum cordifolium
Plant	Symphyotrichum drummondii var. drummondii
Plant	Symphyotrichum dumosum var. dumosum
Plant	Symphyotrichum ericoides var. ericoides
Plant	Symphyotrichum laeve var. laeve
Plant	Symphyotrichum lanceolatum ssp. hesperium
Plant	Symphyotrichum lanceolatum ssp. lanceolatum
Plant	Symphyotrichum lanceolatum var. hesperium
Plant	Symphyotrichum lanceolatum var. interior
Plant	Symphyotrichum lanceolatum var. lanceolatum
Plant	Symphyotrichum lateriflorum var. lateriflorum
Plant	Symphyotrichum novi-belgii var. elodes
Plant	Symphyotrichum novi-belgii var. novi-belgii
Plant	Symphyotrichum oolentangiense var. oolentangiense
Plant	Symphyotrichum patens var. patens
Plant	Symphyotrichum patens var. patentissimum
Plant	Symphyotrichum pilosum var. pilosum
Plant	Symphyotrichum pilosum var. pringlei
Plant	Symphyotrichum praealtum var. angustior
Plant	Symphyotrichum praealtum var. praealtum
Plant	Symphyotrichum puniceum var. puniceum
Plant	Tanacetum bipinnatum ssp. huronense
Plant	Tanacetum vulgare
Plant	Taraxacum officinale ssp. officinale
Plant	Teucrium canadense var. canadense
Plant	Teucrium canadense var. occidentale
Plant	Thaspium trifoliatum var. aureum
Plant	Thelypteris palustris var. pubescens
Plant	Thymus praecox ssp. arcticus
Plant	Thymus pulegioides
Plant	Tilia americana var. americana
Plant	Tilia americana var. heterophylla
Plant	Tilia X europaea
Plant	Tilia X vulgaris
Plant	Torreyochloa pallida var. fernaldii
Plant	Torreyochloa pallida var. pallida
Plant	Toxicodendron radicans ssp. negundo
Plant	Toxicodendron radicans ssp. radicans
Plant	Toxicodendron rydbergii
Plant	Trichostema setaceum
Plant	Tridens flavus var. chapmanii
Plant	Tridens flavus var. flavus
Plant	Trientalis borealis ssp. borealis
Plant	Trillium erectum X flexipes
Plant	Trillium pusillum var. pusillum
Plant	Triodanis perfoliata var. biflora
Plant	Triodanis perfoliata var. perfoliata

Plant	Triosteum angustifolium var. angustifolium
Plant	Typha X glauca
Plant	Urtica dioica ssp. dioica
Plant	Urtica dioica ssp. gracilis
Plant	Vaccinium pallidum X vacillans
Plant	Vaccinium stamineum
Plant	Vaccinium vitis-idaea ssp. minus
Plant	Verbena urticifolia var. urticifolia
Plant	Verbena X engelmannii
Plant	Verbesina virginica var. virginica
Plant	Vernonia baldwinii ssp. interior
Plant	Vernonia fasciculata ssp. corymbosa
Plant	Vernonia gigantea ssp. gigantea
Plant	Veronica peregrina ssp. peregrina
Plant	Veronica peregrina ssp. xalapensis
Plant	Veronica serpyllifolia ssp. humifusa
Plant	Veronica serpyllifolia ssp. serpyllifolia
Plant	Viburnum dentatum var. deamii
Plant	Viburnum dentatum var. dentatum
Plant	Viburnum dentatum var. lucidum
Plant	Viburnum dentatum var. venosum
Plant	Viburnum nudum var. cassinoides
Plant	Viburnum opulus var. americanum
Plant	Viburnum opulus var. opulus
Plant	Viburnum rafinesquianum var. affine
Plant	Viburnum rafinesquianum var. rafinesquianum
Plant	Vicia americana ssp. minor
Plant	Vicia cracca ssp. cracca
Plant	Vicia sativa ssp. nigra
Plant	Vicia sativa ssp. sativa
Plant	Vicia villosa ssp. varia
Plant	Vicia villosa ssp. villosa
Plant	Viola adunca var. adunca
Plant	Viola blanda var. palustriformis
Plant	Viola blanda x renifolia
Plant	Viola canadensis var. rugulosa
Plant	Viola labradorica
Plant	Viola macloskeyi ssp. pallens
Plant	Viola palmata
Plant	Viola pubescens var. pubescens
Plant	Viola pubescens var. scabriuscula
Plant	Viola sagittata var. ovata
Plant	Viola X primulifolia
Plant	Vitis aestivalis var. aestivalis
Plant	Vitis aestivalis var. bicolor
Plant	Vitis novae-angliae
Plant	Vitis rotundifolia var. rotundifolia

Plant	Vulpia octoflora var. glauca
Plant	Vulpia octoflora var. octoflora
Plant	Woodsia obtusa ssp. obtusa
Plant	Woodsia obtusa ssp. occidentalis
Plant	Woodsia oregana ssp. cathcartiana
Plant	Woodsia scopulina ssp. laurentiana
Plant	Woodsia X abbeae
Plant	Xanthium strumarium var. canadense
Plant	Xanthium strumarium var. glabratum
Plant	Zigadenus elegans ssp. glaucus
Plant	Zostera marina

Taxon	**Subspecies, variety, hybrid**
Amphibian	Acris crepitans blanchardi
Amphibian	Acris crepitans crepitans
Amphibian	Ambystoma mavortia mavortia
Amphibian	Ambystoma tigrinum tigrinum
Amphibian	Bufo americanus americanus
Amphibian	Bufo americanus charlesmithi
Amphibian	Bufo americanus x hemiophrys
Amphibian	Bufo woodhousii fowleri
Amphibian	Bufo woodhousii woodhousii
Amphibian	Cryptobranchus alleganiensis alleganiensis
Amphibian	Cryptobranchus alleganiensis bishopi
Amphibian	Desmognathus fuscus fuscus
Amphibian	Eurycea bislineata bislineata
Amphibian	Eurycea longicauda guttolineata
Amphibian	Eurycea longicauda longicauda
Amphibian	Eurycea longicauda melanopleura
Amphibian	Eurycea multiplicata griseogaster
Amphibian	Gyrinophilus porphyriticus porphyriticus
Amphibian	Hyla crucifer crucifer
Amphibian	Necturus maculosus louisianensis
Amphibian	Necturus maculosus maculosus
Amphibian	Notophthalmus viridescens louisianensis
Amphibian	Notophthalmus viridescens viridescens
Amphibian	Plethodon cinereus cinereus
Amphibian	Plethodon dorsalis angusticlavius
Amphibian	Pseudacris crucifer crucifer
Amphibian	Pseudacris feriarum feriarum
Amphibian	Pseudacris triseriata feriarum
Amphibian	Pseudacris triseriata triseriata
Amphibian	Pseudotriton montanus montanus
Amphibian	Pseudotriton ruber ruber
Amphibian	Rana clamitans clamitans
Amphibian	Rana clamitans melanota

Amphibian	Rana sphenocephala utricularia
Amphibian	Scaphiopus holbrookii holbrookii

Taxon	Subspecies, variety, hybrid
Reptile	Agkistrodon contortrix contortrix
Reptile	Agkistrodon contortrix mokasen
Reptile	Agkistrodon contortrix phaeogaster
Reptile	Agkistrodon piscivorus leucostoma
Reptile	Apalone mutica mutica
Reptile	Apalone spinifera hartwegi
Reptile	Apalone spinifera spinifera
Reptile	Carphophis amoenus amoenus
Reptile	Chelydra serpentina serpentina
Reptile	Chrysemys picta bellii
Reptile	Chrysemys picta marginata
Reptile	Chrysemys picta picta
Reptile	Cnemidophorus sexlineatus sexlineatus
Reptile	Cnemidophorus sexlineatus viridis
Reptile	Coluber constrictor constrictor
Reptile	Coluber constrictor flaviventris
Reptile	Coluber constrictor foxi
Reptile	Coluber constrictor priapus
Reptile	Crotalus horridus horridus/atricaudatus
Reptile	Diadophis punctatus arnyi
Reptile	Diadophis punctatus edwardsii
Reptile	Diadophis punctatus punctatus
Reptile	Elaphe emoryi emoryi
Reptile	Elaphe guttata emoryi
Reptile	Elaphe obsoleta obsoleta
Reptile	Elaphe obsoleta obsoleta X spiloides
Reptile	Elaphe obsoleta obsoleta X spiloides
Reptile	Elaphe obsoleta quadrivittata
Reptile	Eumeces anthracinus pluvialis
Reptile	Eumeces septentrionalis septentrionalis
Reptile	Farancia erytrogramma erytrogramma
Reptile	Graptemys ouachitensis ouachitensis
Reptile	Kinosternon subrubrum hippocrepis
Reptile	Kinosternon subrubrum subrubrum
Reptile	Lampropeltis calligaster calligaster
Reptile	Lampropeltis calligaster rhombomaculata
Reptile	Lampropeltis getula getula
Reptile	Lampropeltis getula holbrooki
Reptile	Lampropeltis triangulum syspila
Reptile	Lampropeltis triangulum triangulum
Reptile	Malaclemys terrapin terrapin
Reptile	Masticophis flagellum flagellum
Reptile	Nerodia erythrogaster flavigaster
Reptile	Nerodia erythrogaster transversa

Reptile	Nerodia fasciata confluens
Reptile	Nerodia rhombifer rhombifer
Reptile	Nerodia sipedon pleuralis
Reptile	Nerodia sipedon sipedon
Reptile	Opheodrys aestivus aestivus
Reptile	Opheodrys vernalis vernalis
Reptile	Ophisaurus attenuatus attenuatus
Reptile	Pituophis catenifer sayi
Reptile	Pseudemys concinna concinna
Reptile	Pseudemys concinna hieroglyphica
Reptile	Pseudemys concinna metteri
Reptile	Pseudemys rubriventris rubriventris
Reptile	Sceloporus undulatus hyacinthinus
Reptile	Sistrurus catenatus catenatus
Reptile	Sistrurus catenatus tergeminus
Reptile	Sistrurus miliarius streckeri
Reptile	Storeria dekayi dekayi
Reptile	Storeria dekayi texana
Reptile	Storeria dekayi wrightorum
Reptile	Storeria occipitomaculata occipitomaculata
Reptile	Terrapene carolina carolina
Reptile	Terrapene carolina triunguis
Reptile	Terrapene ornata ornata
Reptile	Thamnophis proximus proximus
Reptile	Thamnophis sauritus sauritus
Reptile	Thamnophis sauritus septentrionalis
Reptile	Thamnophis sirtalis parietalis
Reptile	Thamnophis sirtalis sirtalis
Reptile	Trachemys scripta elegans
Reptile	Virginia valeriae elegans
Reptile	Virginia valeriae pulchra
Reptile	Virginia valeriae valeriae

Taxon	Subspecies, variety, hybrid
Bird	Anas rubripes X platyrhynchos
Bird	Calcarius lapponicus alascensis
Bird	Colinus virginianus virginianus
Bird	Passerculus sandwichensis princeps
Bird	Sterna dougallii dougallii
Bird	Vermivora chrysoptera X pinus
Bird	Vermivora pinus chrysoptera

Taxon	Subspecies, variety, hybrid
Mammal	Peromyscus maniculatus bairdii
Mammal	Peromyscus maniculatus gracilis
Mammal	Tamiasciurus hudsonicus regalis

APPENDIX C

SPECIES NAMES THAT WERE MISSPELLED IN THE ORIGINAL DATASET

Misspelled name	Correct Spelling
Plant Species	
Anagallis arvensis	Anagallis arvense
Arnoglossum atriplicifolium	Arnoglossum atriplicifolia
Chasmanthium sessiflorum	Chasmanthium sessiliflorum
Corallorhiza odontorhiza	Corallorrhiza odontorhiza
Erechtites hieraciifolius	Erechtites hieracifolia
Fleishchmannia incarnatum	Fleischmannia incarnata
Galium odorata	Galium odoratum
Glechenia hederaceae	Glechoma hederacea
Gleditsia triacanthus	Gleditsia triacanthos
Glyceria spetentrionalis	Glyceria septentrionalis
Huperzia protoporophila	Huperzia porophila
Ilex crewata	Ilex crenata
Melilotus officinale	Melilotus officinalis
Oclemena acuminatus	Oclemena acuminata
Penstemon tubaeflorus	Penstemon tubiflorus
Scutellaria laterifolia	Scutellaria lateriflora
Typha augustifolia	Typha angustifolia
Mammal Species	
Vulpes fulva	Vulpes vulpes
Reptile Species	
Nerodia rhombifera	Nerodia rhombifer
Trionyx spinifer	Apalone spinifera
Macroclemys temminckii	Macrochelys temminckii
Heterodon platyrhinos	Heterodon platirhinos

APPENDIX D

PLANT SPECIES NAMES WITH SYNONYMS

Incorrect name	Correct name
PLANTS	
Actaea alba	Actaea pachypoda
Aesculus octandra	Aesculus flava
Agropyron repens	Elymus repens
Agropyron smithii	Pascopyrum smithii
Agropyron trachycaulum	Elymus trachycaulus ssp. trachycaulus
Agrostis tenuis	Agrostis capillaris
Alchemilla vulgaris	Alchemilla monticola
Alliaria officinalis	Alliaria petiolata
Alnus rugosa	Alnus incana ssp. rugosa
Althaea rosea	Alcea rosea
Ambrosia cumanensis	Ambrosia psilostachya
Amelanchier huronensis	Amelanchier sanguinea var. sanguinea
Amelanchier spicata	Amelanchier stolonifera
Amorpha brachycarpa	Amorpha canescens
Ampelamus albidus	Cynanchum laeve
Andrachne phyllanthoides	Leptopus phyllanthoides
Andromeda glaucophylla	Andromeda polifolia var. glaucophylla
Andropogon bladhii	Bothriochloa bladhii
Andropogon elliottii	Andropogon gyrans var. gyrans
Andropogon ischaemum	Bothriochloa ischaemum var. ischaemum
Andropogon saccharoides	Bothriochloa saccharoides
Andropogon scoparius	Schizachyrium scoparium var. scoparium
Anemone acutiloba	Hepatica nobilis var. acuta
Anemone americana	Hepatica nobilis var. obtusa
Anemonella thalictroides	Thalictrum thalictroides
Antennaria neodioica	Antennaria howellii ssp. neodioica
Anthemis nobilis	Chamaemelum nobile
Antirrhinum orontium	Misopates orontium
Apium leptophyllum	Cyclospermum leptophyllum
Apocynum medium	Apocynum X floribundum
Apocynum sibiricum	Apocynum cannabinum
Arenaria caroliniana	Minuartia caroliniana
Arenaria lateriflora	Moehringia lateriflora
Arenaria patula	Minuartia patula
Arenaria peploides	Honckenya peploides ssp. diffusa

Arenaria stricta	Minuartia michauxii var. michauxii
Arisaema atrorubens	Arisaema triphyllum ssp. triphyllum
Aristida intermedia	Aristida longispica var. geniculata
Aristolochia durior	Aristolochia macrophylla
Aronia arbutifolia	Photinia pyrifolia
Aronia floribunda	Photinia floribunda
Aronia melanocarpa	Photinia melanocarpa
Aronia prunifolia	Photinia floribunda
Artemisia caudata	Artemisia campestris ssp. caudata
Ascyrum hypericoides	Hypericum hypericoides ssp. hypericoides
Ascyrum stans	Hypericum crux-andreae
Asperula odorata	Galium odoratum
Aster acuminatus	Oclemena acuminata
Aster anomalus	Symphyotrichum anomalum
Aster azureus	Symphyotrichum oolentangiense var. oolentangiense
Aster borealis	Symphyotrichum boreale
Aster ciliolatus	Symphyotrichum ciliolatum
Aster cordifolius	Symphyotrichum cordifolium
Aster drummondii	Symphyotrichum drummondii var. drummondii
Aster dumosus	Symphyotrichum dumosum var. dumosum
Aster ericoides	Symphyotrichum ericoides var. ericoides
Aster exilis	Symphyotrichum divaricatum
Aster furcatus	Eurybia furcata
Aster infirmus	Doellingeria infirma
Aster laevis	Symphyotrichum laeve var. laeve
Aster lanceolatus	Symphyotrichum lanceolatum var. lanceolatum
Aster lateriflorus	Symphyotrichum lateriflorum var. lateriflorum
Aster linariifolius	Ionactis linariifolius
Aster lowrieanus	Symphyotrichum lowrieanum
Aster macrophyllus	Eurybia macrophylla
Aster modestus	Canadanthus modestus
Aster novae-angliae	Symphyotrichum novae-angliae
Aster novi-belgii	Symphyotrichum novi-belgii var. novi-belgii
Aster oblongifolius	Symphyotrichum oblongifolium
Aster ontarionis	Symphyotrichum ontarione
Aster oolentangiensis	Symphyotrichum oolentangiense var. oolentangiense
Aster patens	Symphyotrichum patens var. patens
Aster paternus	Sericocarpus asteroides
Aster pilosus	Symphyotrichum pilosum var. pilosum
Aster praealtus	Symphyotrichum praealtum var. praealtum
Aster prenanthoides	Symphyotrichum prenanthoides
Aster ptarmicoides	Oligoneuron album
Aster pubentior	Doellingeria sericocarpoides
Aster pubentior	Doellingeria umbellata var. pubens
Aster puniceus	Symphyotrichum puniceum var. puniceum
Aster racemosus	Symphyotrichum pilosum var. pringlei
Aster racemosus	Symphyotrichum racemosum
Aster radula	Eurybia radula
Aster schreberi	Eurybia schreberi
Aster sericeus	Symphyotrichum sericeum

Aster shortii	Symphyotrichum shortii
Aster simplex	Aster lanceolatus ssp. lanceolatus var. lanceolatus
Aster simplex	Symphyotrichum lanceolatum var. lanceolatum
Aster spectabilis	Eurybia spectabilis
Aster subulatus	Symphyotrichum subulatum
Aster tenuifolius	Symphyotrichum tenuifolium
Aster turbinellus	Symphyotrichum turbinellum
Aster umbellatus	Doellingeria umbellata var. umbellata
Aster undulatus	Symphyotrichum undulatum
Aster urophyllus	Symphyotrichum urophyllum
Athyrium angustum	Athyrium filix-femina ssp. angustum
Athyrium asplenioides	Athyrium filix-femina ssp. asplenioides
Athyrium pycnocarpon	Diplazium pycnocarpon
Athyrium thelypterioides	Deparia acrostichoides
Atriplex arenaria	Atriplex cristata
Atriplex hastata	Atriplex prostrata
Azalea nudiflora	Rhododendron periclymenoides
Bacopa acuminata	Mecardonia acuminata var. acuminata
Baptisia lactea	Baptisia alba var. macrophylla
Baptisia leucantha	Baptisia alba var. macrophylla
Betula cordifolia	Betula papyrifera var. cordifolia
Betula lutea	Betula alleghaniensis var. alleghaniensis
Bidens comosa	Bidens tripartita
Bidens polylepis	Bidens aristosa
Bolboschoenus fluviatilis	Schoenoplectus fluviatilis
Bolboschoenus maritimus	Schoenoplectus maritimus
Bolboschoenus novae-angliae	Schoenoplectus novae-angliae
Bradburia pilosa	Chrysopsis pilosa
Brassica hirta	Sinapis alba
Brassica kaber	Sinapis arvensis
Bromus altissimus	Bromus latiglumis
Bromus mollis	Bromus hordeaceus ssp. hordeaceus
Bromus pumpellianus	Bromus inermis var. pumpellianus
Bumelia lanuginosa	Sideroxylon lanuginosum ssp. lanuginosum
Bumelia lycioides	Sideroxylon lycioides
Cacalia atriplicifolia	Arnoglossum atriplicifolium
Cacalia plantaginea	Arnoglossum plantagineum
Calamagrostis cinnoides	Calamagrostis coarctata
Calamagrostis insperata	Calamagrostis porteri ssp. insperata
Calamintha arkansana	Clinopodium arkansanum
Callitriche deflexa	Callitriche terrestris
Callitriche verna	Callitriche palustris
Calycanthus fertilis	Calycanthus floridus var. glaucus
Campanula americana	Campanulastrum americanum
Camptosorus rhizophyllus	Asplenium rhizophyllum
Capsella rubella	Capsella bursa-pastoris
Cardamine rhomboidea	Cardamine bulbosa
Carduus carolinianus	Cirsium carolinianum
Carduus discolor	Cirsium discolor
Carduus lanceolatus	Cirsium vulgare

Carex aenea	Carex foenea var. foenea
Carex allegheniensis	Carex debilis var. pubera
Carex angustior	Carex echinata ssp. echinata
Carex artitecta	Carex albicans var. albicans
Carex brachyglossa	Carex annectens
Carex cephalantha	Carex echinata ssp. echinata
Carex convoluta	Carex rosea
Carex corrugata	Carex amphibola
Carex emmonsii	Carex albicans var. emmonsii
Carex grisea	Carex amphibola
Carex houghtonii	Carex houghtoniana
Carex howei	Carex atlantica ssp. capillacea
Carex incomperta	Carex atlantica ssp. atlantica
Carex lanuginosa	Carex pellita
Carex media	Carex norvegica ssp. inferalpina
Carex rugosperma	Carex tonsa var. rugosperma
Carex walteriana	Carex striata var. striata
Carya tomentosa	Carya alba
Cassia chamaecrista	Chamaecrista fasciculata var. fasciculata
Cassia fasciculata	Chamaecrista fasciculata var. fasciculata
Cassia hebecarpa	Senna hebecarpa
Cassia marilandica	Senna marilandica
Cassia nictitans	Chamaecrista nictitans var. nictitans
Castanea japonica	Castanea crenata
Celastrus orbiculata	Celastrus orbiculatus
Cenchrus carolinianus	Cenchrus longispinus
Cenchrus carolinianus	Cenchrus spinifex
Cenchrus pauciflorus	Cenchrus spinifex
Centaurea maculosa	Centaurea biebersteinii
Centaurium umbellatum	Centaurium erythraea
Cerastium holosteoides	Cerastium fontanum ssp. vulgare
Cerastium viscosum	Cerastium glomeratum
Cerastium vulgatum	Cerastium fontanum ssp. vulgare
Chamomilla suaveolens	Matricaria discoidea
Chenopodium hybridum	Chenopodium simplex
Chenopodium missouriense	Chenopodium album var. missouriense
Chrysanthemum balsamita	Balsamita major
Chrysanthemum leucanthemum	Leucanthemum vulgare
Chrysanthemum parthenium	Tanacetum parthenium
Chrysopsis canescens	Heterotheca canescens
Chrysopsis falcata	Pityopsis falcata
Chrysopsis graminifolia	Pityopsis graminifolia var. graminifolia
Chrysopsis nervosa	Pityopsis graminifolia var. graminifolia
Circaea canadensis	Circaea X intermedia
Cirsium lanceolatum	Cirsium vulgare
Cissus incisa	Cissus trifoliata
Citrullus vulgaris	Citrullus lanatus var. lanatus
Cladrastis lutea	Cladrastis kentukea
Coelopleurum lucidum	Angelica lucida
Conobea multifida	Leucospora multifida

Convolvulus japonicus	Calystegia pellita
Convolvulus sepium	Calystegia sepium ssp. sepium
Convolvulus spithamaeus	Calystegia spithamaea ssp. spithamaea
Coptis groenlandica	Coptis trifolia
Cornus stolonifera	Cornus sericea ssp. sericea
Cornus stricta	Cornus foemina
Coryphantha missouriensis	Escobaria missouriensis var. missouriensis
Crataegus brunetiana	Crataegus chrysocarpa
Crataegus palmeri	Crataegus crus-galli
Crotonopsis elliptica	Croton willdenowii
Cuphea petiolata	Cuphea viscosissima
Cuscuta campestris	Cuscuta pentagona var. pentagona
Cynanchum nigrum	Cynanchum louiseae
Cyperus filiculmis	Cyperus lupulinus ssp. lupulinus
Cyperus globulosus	Cyperus croceus
Cyperus ovularis	Cyperus echinatus
Cyperus rivularis	Cyperus bipartitus
Delphinium virescens	Delphinium carolinianum ssp. virescens
Dentaria diphylla	Cardamine diphylla
Dentaria heterophylla	Cardamine angustata
Dentaria laciniata	Cardamine concatenata
Deschampsia cespitosa	Deschampsia caespitosa
Desmodium rigidum	Desmodium obtusum
Dicentra spectabilis	Lamprocapnos spectabilis
Dichanthelium columbianum	Dichanthelium sabulorum var. thinium
Dichanthelium lanuginosum	Dichanthelium acuminatum var. fasciculatum
Dichanthelium microcarpon	Dichanthelium dichotomum var. dichotomum
Dichanthelium polyanthes	Dichanthelium sphaerocarpon var. isophyllum
Dioscorea batatas	Dioscorea oppositifolia
Diphasiastrum complanatum	Lycopodium complanatum
Diphasiastrum digitatum	Lycopodium digitatum
Diphasiastrum tristachyum	Lycopodium tristachyum
Diplazium acrostichoides	Deparia acrostichoides
Dipsacus sylvestris	Dipsacus fullonum ssp. sylvestris
Dryopteris austriaca	Dryopteris campyloptera
Dryopteris hexagonoptera	Phegopteris hexagonoptera
Dryopteris noveboracensis	Thelypteris noveboracensis
Dryopteris simulata	Thelypteris simulata
Dryopteris spinulosa	Dryopteris carthusiana
Dryopteris thelypteris	Thelypteris palustris var. pubescens
Dryopteris uliginosa	Macrothelypteris torresiana
Echinochloa pungens	Echinochloa muricata var. muricata
Echinodorus rostratus	Echinodorus berteroi
Eclipta alba	Eclipta prostrata
Eleocharis ambigens	Eleocharis fallax
Eleocharis calva	Eleocharis erythropoda
Eleocharis macrostachya	Eleocharis palustris
Eleocharis smallii	Eleocharis palustris
Eleocharis verrucosa	Eleocharis tenuis var. verrucosa
Elymus glabriflorus	Elymus virginicus var. virginicus

Elymus mollis	Leymus mollis ssp. mollis
Elymus smithii	Pascopyrum smithii
Elytrigia intermedia	Thinopyrum intermedium
Elytrigia pungens	Thinopyrum pycnanthum
Elytrigia repens	Elymus repens
Epilobium adenocaulon	Epilobium ciliatum ssp. ciliatum
Epilobium angustifolium	Chamerion angustifolium ssp. angustifolium
Epilobium glandulosum	Epilobium ciliatum ssp. glandulosum
Equisetum trachyodon	Equisetum X mackaii
Eragrostis megastachya	Eragrostis cilianensis
Eragrostis poaeoides	Eragrostis minor
Erianthus alopecuroides	Saccharum alopecuroidum
Erianthus giganteus	Saccharum giganteum
Erigeron canadensis	Conyza canadensis var. canadensis
Eulalia viminea	Microstegium vimineum
Eupatoriadelphus maculatus	Eupatorium maculatum var. maculatum
Eupatorium aromaticum	Ageratina aromatica var. aromatica
Eupatorium coelestinum	Conoclinium coelestinum
Eupatorium incarnatum	Fleischmannia incarnata
Eupatorium rugosum	Ageratina altissima var. altissima
Euphorbia missurica	Chamaesyce missurica
Euphorbia nutans	Chamaesyce nutans
Euphorbia polygonifolia	Chamaesyce polygonifolia
Euphorbia preslii	Chamaesyce nutans
Euphorbia prostrata	Chamaesyce prostrata
Euphorbia supina	Chamaesyce maculata
Euphorbia vermiculata	Chamaesyce vermiculata
Euphrasia curta	Euphrasia nemorosa
Euphrasia curta	Euphrasia ostenfeldii
Eurotia lanata	Krascheninnikovia lanata
Euthamia caroliniana	Euthamia tenuifolia var. tenuifolia
Fagopyrum vulgare	Fagopyrum esculentum
Fallopia cilinodis	Polygonum cilinode
Fallopia convolvulus	Polygonum convolvulus var. convolvulus
Fallopia japonica	Polygonum cuspidatum
Festuca arundinacea	Lolium arundinaceum
Festuca capillata	Festuca filiformis
Festuca capillata	Leptochloa panicea ssp. brachiata
Festuca elatior	Lolium pratense
Festuca obtusa	Festuca subverticillata
Festuca octoflora	Vulpia octoflora var. octoflora
Festuca pratensis	Lolium pratense
Fimbristylis spadicea	Fimbristylis thermalis
Fraxinus tomentosa	Fraxinus profunda
Galinsoga ciliata	Galinsoga quadriradiata
Galium pedemontanum	Cruciata pedemontana
Gaura parviflora	Gaura mollis
Gentiana flavida	Gentiana alba
Gentiana quinquefolia	Gentianella quinquefolia ssp. quinquefolia
Gentianopsis procera	Gentianopsis virgata

Gerardia maritima	Agalinis maritima var. maritima
Gerardia pedicularia	Aureolaria pedicularia var. pedicularia
Gerardia purpurea	Agalinis purpurea
Gerardia setacea	Agalinis setacea
Gerardia virginica	Aureolaria virginica
Geum strictum	Geum aleppicum
Gillenia stipulata	Porteranthus stipulatus
Gillenia trifoliata	Porteranthus trifoliatus
Glyceria pallida	Torreyochloa pallida var. pallida
Gnaphalium chilense	Pseudognaphalium stramineum
Gnaphalium obtusifolium	Pseudognaphalium obtusifolium ssp. obtusifolium
Gnaphalium purpureum	Gamochaeta purpurea
Gonolobus gonocarpos	Matelea gonocarpos
Gutierrezia dracunculoides	Amphiachyris dracunculoides
Habenaria cristata	Platanthera cristata
Habenaria dilatata	Platanthera dilatata var. dilatata
Habenaria grandiflora	Platanthera grandiflora
Habenaria hyperborea	Platanthera hyperborea var. hyperborea
Habenaria lacera	Platanthera lacera
Habenaria psycodes	Platanthera psycodes
Habenaria viridis	Coeloglossum viride var. viride
Hedyotis caerulea	Houstonia caerulea
Hedyotis crassifolia	Houstonia pusilla
Hedyotis longifolia	Houstonia longifolia
Hedyotis nuttalliana	Houstonia longifolia
Hedyotis purpurea	Houstonia purpurea var. purpurea
Helianthus rigidus	Helianthus pauciflorus ssp. pauciflorus
Hemicarpha micrantha	Lipocarpha micrantha
Hepatica acutiloba	Hepatica nobilis var. acuta
Hepatica americana	Hepatica nobilis var. obtusa
Heracleum lanatum	Heracleum maximum
Hibiscus lasiocarpos	Hibiscus moscheutos ssp. lasiocarpos
Hibiscus militaris	Hibiscus laevis
Hibiscus palustris	Hibiscus moscheutos ssp. moscheutos
Hieracium pratense	Hieracium caespitosum
Hieracium vulgatum	Hieracium lachenalii
Hosta japonica	Hosta lancifolia
Houstonia tenuifolia	Houstonia longifolia
Hypericum pyramidatum	Hypericum ascyron
Hypericum stans	Hypericum crux-andreae
Hypericum stragulum	Hypericum hypericoides ssp. multicaule
Hypericum virginicum	Triadenum virginicum
Hystrix patula	Elymus hystrix var. hystrix
Impatiens biflora	Impatiens capensis
Isoetes echinospora	Isoetes tenella
Isoetes macrospora	Isoetes lacustris
Isopyrum biternatum	Enemion biternatum
Juncus platyphyllus	Juncus dichotomus
Juncus pylaei	Juncus effusus var. pylaei
Koeleria pyramidata	Koeleria macrantha

Krigia cespitosa	Krigia caespitosa
Kuhnia eupatorioides	Brickellia eupatorioides var. eupatorioides
Lactuca muralis	Mycelis muralis
Lactuca oblongifolia	Lactuca tatarica var. pulchella
Lactuca scariola	Lactuca serriola
Lamium galeobdolon	Lamiastrum galeobdolon
Lasallea ericoides	Symphyotrichum ericoides var. ericoides
Lathyrus maritimus	Lathyrus japonicus var. maritimus
Lavandula vera	Lavandula angustifolia
Lechea leggettii	Lechea pulchella var. pulchella
Leonurus marrubiastrum	Chaiturus marrubiastrum
Leptochloa fascicularis	Leptochloa fusca ssp. fascicularis
Leptochloa filiformis	Leptochloa panicea ssp. brachiata
Leptoloma cognatum	Digitaria cognata var. cognata
Lespedeza intermedia	Lespedeza violacea
Lespedeza stipulacea	Kummerowia stipulacea
Lespedeza striata	Kummerowia striata
Liatris compacta	Liatris squarrosa var. compacta
Liatris graminifolia	Liatris pilosa var. pilosa
Liatris hirsuta	Liatris squarrosa var. hirsuta
Limonium nashii	Limonium carolinianum
Linaria canadensis	Nuttallanthus canadensis
Lindernia anagallidea	Lindernia dubia var. anagallidea
Lippia lanceolata	Phyla lanceolata
Lithospermum arvense	Buglossoides arvensis
Lolium multiflorum	Lolium perenne ssp. multiflorum
Lonicera prolifera	Lonicera reticulata
Lorinseria areolata	Woodwardia areolata
Luzula carolinae	Luzula acuminata var. carolinae
Lychnis alba	Silene latifolia ssp. alba
Lycium halimifolium	Lycium barbarum
Lycopersicon esculentum	Solanum lycopersicum var. lycopersicum
Lycopersicon lycopersicum	Solanum lycopersicum var. lycopersicum
Lycopodium flabelliforme	Lycopodium digitatum
Lycopodium lucidulum	Huperzia lucidula
Lycopsis arvensis	Anchusa arvensis
Matricaria chamomilla	Matricaria recutita
Matricaria maritima	Tripleurospermum maritima ssp. maritima
Matricaria matricarioides	Matricaria discoidea
Melilotus albus	Melilotus officinalis
Mentha canadensis	Mentha arvensis
Mentha cardiaca	Mentha X gracilis
Microseris cuspidata	Nothocalais cuspidata
Muscari racemosum	Muscari neglectum
Myosotis micrantha	Myosotis stricta
Myosotis virginica	Myosotis verna
Myrica aspleniifolia	Comptonia peregrina
Myrica cerifera	Morella cerifera
Myrica pensylvanica	Morella pensylvanica
Narcissus biflorus	Narcissus X medioluteus

Nasturtium officinale	Rorippa nasturtium-aquaticum
Nemophila microcalyx	Nemophila aphylla
Nepeta hederacea	Glechoma hederacea
Nuphar advena	Nuphar lutea ssp. advena
Nuphar rubrodisca	Nuphar lutea ssp. rubrodisca
Nuphar variegata	Nuphar lutea ssp. variegata
Oenothera tetragona	Oenothera fruticosa ssp. glauca
Onoclea struthiopteris	Matteuccia struthiopteris
Orchis spectabilis	Galearis spectabilis
Oryzopsis canadensis	Piptatherum canadense
Oryzopsis pungens	Piptatherum pungens
Oryzopsis racemosa	Piptatherum racemosum
Oxalis acetosella	Oxalis montana
Oxalis dillenii	Oxalis stricta
Oxalis europaea	Oxalis stricta
Oxalis florida	Oxalis stricta
Oxalis fontana	Oxalis stricta
Panicum acuminatum	Dichanthelium acuminatum var. acuminatum
Panicum agrostoides	Panicum rigidulum var. rigidulum
Panicum amarulum	Panicum amarum var. amarulum
Panicum boreale	Dichanthelium boreale
Panicum boscii	Dichanthelium boscii
Panicum clandestinum	Dichanthelium clandestinum
Panicum columbianum	Dichanthelium sabulorum var. thinium
Panicum commonsianum	Dichanthelium ovale var. addisonii
Panicum commutatum	Dichanthelium commutatum
Panicum consanguineum	Dichanthelium consanguineum
Panicum depauperatum	Dichanthelium depauperatum
Panicum dichotomum	Dichanthelium dichotomum var. dichotomum
Panicum hians	Steinchisma hians
Panicum implicatum	Dichanthelium acuminatum var. fasciculatum
Panicum latifolium	Dichanthelium latifolium
Panicum laxiflorum	Dichanthelium laxiflorum
Panicum leucothrix	Dichanthelium leucothrix
Panicum linearifolium	Dichanthelium linearifolium
Panicum longifolium	Panicum rigidulum var. pubescens
Panicum macrocarpon	Dichanthelium oligosanthes var. scribnerianum
Panicum malacophyllum	Dichanthelium malacophyllum
Panicum nitidum	Dichanthelium dichotomum var. dichotomum
Panicum oligosanthes	Dichanthelium oligosanthes var. oligosanthes
Panicum polyanthes	Dichanthelium sphaerocarpon var. isophyllum
Panicum sphaerocarpon	Dichanthelium sphaerocarpon var. sphaerocarpon
Panicum villosissimum	Dichanthelium villosissimum var. villosissimum
Panicum xanthophysum	Dichanthelium xanthophysum
Parnassia parviflora	Parnassia palustris var. parviflora
Paspalum ciliatifolium	Paspalum setaceum
Pentaphylloides floribunda	Dasiphora floribunda
Persicaria amphibia	Polygonum amphibium var. emersum
Persicaria careyi	Polygonum careyi
Persicaria hydropiperoides	Polygonum hydropiperoides

Persicaria hydropiper	Polygonum hydropiper
Persicaria lapathifolia	Polygonum lapathifolium
Persicaria punctata	Polygonum punctatum var. punctatum
Persicaria virginiana	Polygonum virginianum
Petalostemon candidus	Dalea candida var. candida
Petalostemon purpureus	Dalea purpurea var. purpurea
Petroselinum hortense	Petroselinum crispum
Phaseolus heterophyllus	Macroptilium gibbosifolium
Phoradendron serotinum	Phoradendron leucarpum
Phragmites communis	Phragmites australis
Phyla incisa	Phyla nodiflora
Physalis ixocarpa	Physalis philadelphica var. immaculata
Physalis pruinosa	Physalis pubescens var. integrifolia
Physalis subglabrata	Physalis longifolia var. subglabrata
Pinus thunbergii	Pinus thunbergiana
Plantago juncoides	Plantago maritima var. juncoides
Pluchea purpurascens	Pluchea odorata var. odorata
Poa interior	Poa nemoralis ssp. interior
Poa languida	Poa saltuensis
Polygonatum canaliculatum	Polygonatum biflorum var. commutatum
Polygonatum commutatum	Polygonatum biflorum var. commutatum
Polygonum bicorne	Polygonum pensylvanicum
Polygonum cespitosum	Polygonum caespitosum
Polygonum coccineum	Polygonum amphibium var. emersum
Polygonum prolificum	Polygonum ramosissimum var. prolificum
Polygonum puritanorum	Polygonum persicaria
Polymnia uvedalia	Smallanthus uvedalius
Polypodium polypodioides	Pleopeltis polypodioides ssp. polypodioides
Polypodium vulgare	Polypodium virginianum
Potamogeton berchtoldii	Potamogeton pusillus ssp. tenuissimus
Potamogeton filiformis	Stuckenia filiformis ssp. filiformis
Potamogeton pectinatus	Stuckenia pectinatus
Potentilla anserina	Argentina anserina
Potentilla fruticosa	Dasiphora floribunda
Potentilla palustris	Comarum palustre
Potentilla tridentata	Sibbaldiopsis tridentata
Proboscidea louisiana	Proboscidea louisianica
Pseudotsuga taxifolia	Pseudotsuga menziesii var. menziesii
Psoralea argophylla	Pediomelum argophyllum
Psoralea esculenta	Pediomelum esculentum
Psoralea tenuiflora	Psoralidium tenuiflorum
Puccinellia fernaldii	Torreyochloa pallida var. fernaldii
Pueraria lobata	Pueraria montana var. lobata
Pycnanthemum pilosum	Pycnanthemum verticillatum var. pilosum
Pyrola rotundifolia	Pyrola americana
Pyrola virens	Pyrola chlorantha
Pyrus angustifolia	Malus angustifolia var. angustifolia
Pyrus coronaria	Malus coronaria var. coronaria
Pyrus malus	Malus sylvestris
Quamoclit coccinea	Ipomoea coccinea

Quercus borealis	Quercus rubra var. ambigua
Quercus montana	Quercus michauxii
Quercus montana	Quercus prinus
Quercus nuttallii	Quercus buckleyi
Quercus nuttallii	Quercus texana
Ranunculus caricetorum	Ranunculus hispidus var. caricetorum
Ranunculus septentrionalis	Ranunculus hispidus var. nitidus
Rhamnus caroliniana	Frangula caroliniana
Rhamnus citrifolia	Rhamnus davurica ssp. davurica
Rhamnus frangula	Frangula alnus
Rhinanthus crista-galli	Rhinanthus minor ssp. minor
Rhododendron groenlandicum	Ledum groenlandicum
Rhododendron nudiflorum	Rhododendron periclymenoides
Rhus radicans	Toxicodendron radicans ssp. radicans
Rhus toxicodendron	Toxicodendron pubescens
Rhus typhina	Rhus hirta
Ribes odoratum	Ribes aureum var. villosum
Ribes sativum	Ribes rubrum
Rosa rubiginosa	Rosa eglanteria
Rubus acaulis	Rubus arcticus ssp. acaulis
Rubus enslenii	Rubus flagellaris
Rubus fulleri	Rubus wheeleri
Rubus strigosus	Rubus idaeus ssp. strigosus
Rudbeckia serotina	Rudbeckia hirta var. pulcherrima
Rumex mexicanus	Rumex salicifolius var. mexicanus
Sagittaria falcata	Sagittaria lancifolia ssp. media
Sagittaria pubescens	Sagittaria latifolia
Salicornia depressa	Salicornia virginica
Salix babylonica	Salix X pendulina
Salix babylonica	Salix X sepulcralis
Salix gracilis	Salix petiolaris
Salix rigida	Salix eriocephala
Salix tristis	Salix humilis var. tristis
Sambucus canadensis	Sambucus nigra ssp. canadensis
Sambucus pubens	Sambucus racemosa var. racemosa
Samolus floribundus	Samolus valerandi ssp. parviflorus
Samolus parviflorus	Samolus valerandi ssp. parviflorus
Sanicula gregaria	Sanicula odorata
Satureja calamintha	Calamintha nepeta ssp. glandulosa
Satureja nepeta	Calamintha nepeta ssp. nepeta
Satureja vulgaris	Clinopodium vulgare
Schrankia nuttallii	Mimosa nuttallii
Scilla nonscripta	Hyacinthoides nonscripta
Scirpus acutus	Schoenoplectus acutus var. acutus
Scirpus fluviatilis	Schoenoplectus fluviatilis
Scirpus maritimus	Schoenoplectus maritimus
Scirpus pungens	Schoenoplectus pungens var. pungens
Scirpus robustus	Schoenoplectus robustus
Scirpus rubricosus	Scirpus cyperinus
Scirpus rubrotinctus	Scirpus microcarpus

Scirpus tabernaemontani	Schoenoplectus tabernaemontani
Scirpus torreyi	Schoenoplectus torreyi
Scirpus validus	Schoenoplectus tabernaemontani
Scirpus verecundus	Trichophorum planifolium
Scutellaria epilobiifolia	Scutellaria galericulata
Securigera varia	Coronilla varia
Sedum purpureum	Hylotelephium telephium ssp. telephium
Sedum spectabile	Hylotelephium spectabile
Sedum telephioides	Hylotelephium telephioides
Sedum telephium	Hylotelephium telephium ssp. telephium
Senecio anonymus	Packera anonyma
Senecio aureus	Packera aurea
Senecio glabellus	Packera glabella
Senecio obovatus	Packera obovata
Senecio pauperculus	Packera paupercula
Senecio plattensis	Packera plattensis
Senecio schweinitzianus	Packera schweinitziana
Senecio smallii	Packera anonyma
Senecio tomentosus	Packera tomentosa
Setaria geniculata	Setaria parviflora
Sicyos lobata	Echinocystis lobata
Silene alba	Silene latifolia ssp. alba
Silene cucubalus	Silene vulgaris
Sisyrinchium graminoides	Sisyrinchium angustifolium
Smilacina racemosa	Maianthemum racemosum ssp. racemosum
Smilacina stellata	Maianthemum stellatum
Smilax hispida	Smilax tamnoides
Solanum ptycanthum	Solanum ptychanthum
Solanum sarrachoides	Solanum physalifolium
Solidago altissima	Solidago canadensis var. scabra
Solidago drummondii	Solidago rugosa ssp. aspera
Solidago elliottii	Solidago latissimifolia
Solidago erecta	Solidago speciosa var. erecta
Solidago graminifolia	Euthamia graminifolia var. graminifolia
Solidago leptocephala	Euthamia leptocephala
Solidago microcephala	Euthamia tenuifolia var. tenuifolia
Solidago ptarmicoides	Oligoneuron album
Solidago rigida	Oligoneuron rigidum var. rigidum
Solidago tenuifolia	Euthamia tenuifolia var. tenuifolia
Sorbus melanocarpa	Photinia melanocarpa
Sparganium chlorocarpum	Sparganium erectum ssp. stoloniferum
Sparganium emersum	Sparganium angustifolium
Sparganium minimum	Sparganium natans
Specularia perfoliata	Triodanis perfoliata var. perfoliata
Spergularia marina	Spergularia salina
Spilanthes americana	Acmella oppositifolia var. repens
Spiraea latifolia	Spiraea alba var. latifolia
Spiranthes gracilis	Spiranthes lacera var. gracilis
Sporobolus asper	Sporobolus compositus var. compositus
Sporobolus ozarkanus	Sporobolus vaginiflorus var. ozarkanus

Sporobolus poiretii	Sporobolus indicus var. indicus
Stachys hispida	Stachys tenuifolia
Stellaria aquatica	Myosoton aquaticum
Stipa avenacea	Piptochaetium avenaceum
Stipa comata	Hesperostipa comata ssp. comata
Stipa spartea	Hesperostipa spartea
Stipa viridula	Nassella viridula
Streptopus roseus	Streptopus lanceolatus var. roseus
Symphyotrichum firmum	Symphyotrichum puniceum var. puniceum
Symphyotrichum hesperium	Symphyotrichum lanceolatum var. hesperium
Syringa amurensis	Syringa reticulata ssp. amurensis
Thalesia uniflora	Orobanche uniflora
Thalictrum polygamum	Thalictrum pubescens
Thalictrum steeleanum	Thalictrum coriaceum
Thelypteris hexagonoptera	Phegopteris hexagonoptera
Thelypteris phegopteris	Phegopteris connectilis
Thelypteris thelypterioides	Thelypteris noveboracensis
Thelypteris thelypteroides	Thelypteris noveboracensis
Thlaspi perfoliatum	Microthlaspi perfoliatum
Thymus serpyllum	Thymus praecox ssp. arcticus
Tilia europaea	Tilia X vulgaris
Tilia heterophylla	Tilia americana var. heterophylla
Tomanthera densiflora	Agalinis densiflora
Tovara virginiana	Polygonum virginianum
Triantha glutinosa	Tofieldia glutinosa ssp. glutinosa
Trichophorum cespitosum	Trichophorum caespitosum
Trichostema brachiatum	Isanthus brachiatus
Trifolium agrarium	Trifolium aureum
Trifolium procumbens	Trifolium campestre
Triodanis biflora	Triodanis perfoliata var. biflora
Triodia flava	Tridens flavus var. flavus
Tunica prolifera	Petrorhagia prolifera
Urtica procera	Urtica dioica ssp. gracilis
Utricularia biflora	Utricularia gibba
Utricularia vulgaris	Utricularia macrorhiza
Vaccinium atrococcum	Vaccinium fuscatum
Vaccinium cespitosum	Vaccinium caespitosum
Vaccinium vacillans	Vaccinium pallidum
Veratrum woodii	Melanthium woodii
Verbena canadensis	Glandularia canadensis
Vernonia altissima	Vernonia gigantea ssp. gigantea
Viburnum alnifolium	Viburnum lantanoides
Viburnum cassinoides	Viburnum nudum var. cassinoides
Viburnum ozarkense	Viburnum molle
Viburnum recognitum	Viburnum dentatum var. lucidum
Viburnum trilobum	Viburnum opulus var. americanum
Vicia angustifolia	Vicia sativa ssp. nigra
Vicia dasycarpa	Vicia villosa ssp. varia
Vincetoxicum nigrum	Cynanchum louiseae
Viola fimbriatula	Viola sagittata var. ovata

Viola incognita	Viola blanda var. palustriformis
Viola kitaibeliana	Viola bicolor
Viola latiuscula	Viola sororia
Viola missouriensis	Viola affinis
Viola pallens	Viola macloskeyi ssp. pallens
Viola papilionacea	Viola sororia
Viola pensylvanica	Viola pubescens var. pubescens
Viola pratincola	Viola nephrophylla
Viola rafinesquei	Viola bicolor
Viola stoneana	Viola palmata
Viola triloba	Viola palmata
Vitis baileyana	Vitis cinerea var. baileyana
Vitis cordifolia	Vitis vulpina
Wolffia papulifera	Wolffia brasiliensis
Xanthium echinatum	Xanthium strumarium var. canadense
Xanthium pensylvanicum	Xanthium strumarium var. canadense
Yucca flaccida	Yucca filamentosa
Yucca smalliana	Yucca filamentosa
Zinnia elegans	Zinnia violacea
AMPHIBIANS	
Ambystoma mavortia	Ambystoma mavortium
Diemictylus viridescens	Notophthalmus viridescens
Hyla crucifer	Pseudacris crucifer
Rana utricularia	Rana sphenocephala
Typhlotriton spelaeus	Eurycea spelaea
REPTILES	
Chrysemys rubriventris	Pseudemys rubriventris
Clemmys insculpta	Glyptemys insculpta
Clemmys insculpta	Glyptemys insculpta
Elaphe emoryi	Elaphe guttata
Elaphe obsoleta	Elaphe alleghaniensis
Liochlorophis vernalis	Opheodrys vernalis
Trionyx spiniferus	Apalone spinifera
Elphae quadrivatoda	Elaphe alleghaniensis
Pseudemys scripta	Trachemys scripta
Horridus horridus	Crotalus horridus
BIRDS	
Actitis macularia	Actitis macularius
Butorides striatus	Butorides striata
Casmerodius albus	Ardea alba
Catharacta maccormicki	Stercorarius maccormicki
Catharacta skua	Stercorarius skua
Ceryle alcyon	Megaceryle alcyon
Columba fasciata	Patagioenas fasciata
Contopus borealis	Contopus cooperi
Dendragapus canadensis	Falcipennis canadensis
Guiraca caerulea	Passerina caerulea
Helmitheros vermivorus	Helmitheros vermivorum
Iridoprocne bicolor	Tachycineta bicolor
Nyctea scandiaca	Bubo scandiacus

Otus asio	Megascops asio
Parus atricapillus	Poecile atricapillus
Parus bicolor	Baeolophus bicolor
Parus carolinensis	Poecile carolinensis
Parus hudsonicus	Poecile hudsonica
Pedioecetes phasianellus	Tympanuchus phasianellus
Phalaropus fulicaria	Phalaropus fulicarius
Philohela minor	Philohela minor
Porphyrio martinicus	Porphyrio martinica
Seiurus aurocapillus	Seiurus aurocapilla
Spinus tristis	Carduelis tristis
Telmatodytes palustris	Cistothorus palustris
MAMMALS	
Felis concolor	Puma concolor
Lutra canadensis	Lontra canadensis
Mustela vison	Neovison vison
Myotis septentrionalis	Myotis keenii
Pitymys pinetorum	Microtus pinetorum
Vulpes fulvus	Vulpes vulpes

APPENDIX E

SPECIES AND PARKS WHERE THEY OCCURRED

Plants

OrderName	FamilyName	Genus Species	Park Codes
Alismatales	Alismataceae	Alisma plantagoaquatica	EFMO
Alismatales	Alismataceae	Alisma plantago-aquatica	CUVA, PRWI, SAIR, WEFA
Alismatales	Alismataceae	Alisma subcordatum	CATO, CUVA, EFMO, GRPO, GWCA, INDU, MANA, MISS, OZAR, PERI, PIPE, PRWI, SACN, SARA, TAPR, VOYA
Alismatales	Alismataceae	Alisma triviale	ACAD, APIS, CUVA, GRPO, INDU, MISS, PIPE, SACN, SAGA, SARA, SLBE, VOYA, WEFA
Alismatales	Alismataceae	Echinodorus berteroi	ARPO
Alismatales	Alismataceae	Echinodorus cordifolius	ARPO, COLO
Alismatales	Alismataceae	Sagittaria australis	PRWI
Alismatales	Alismataceae	Sagittaria brevirostra	INDU, TAPR
Alismatales	Alismataceae	Sagittaria cristata	PIRO, SACN, SLBE, VOYA
Alismatales	Alismataceae	Sagittaria cuneata	ISRO, PIPE, PIRO, SACN, VOYA
Alismatales	Alismataceae	Sagittaria engelmanniana	CUVA
Alismatales	Alismataceae	Sagittaria graminea	ACAD, EFMO, INDU, ISRO, MISS, SARA, VOYA
Alismatales	Alismataceae	Sagittaria lancifolia	COLO
Alismatales	Alismataceae	Sagittaria latifolia	ACAD, APIS, CATO, COLO, CUVA, EFMO, GATE, GEWA, GRPO, GWCA, HAFE, HOCU, INDU, ISRO, MABI, MIMA, MISS, OZAR, PERI, PIPE, PIRO, PRWI, SACN, SAGA, SAIR, SARA, SLBE, VOYA
Alismatales	Alismataceae	Sagittaria montevidensis	ARPO
Alismatales	Alismataceae	Sagittaria rigida	APIS, CUVA, EFMO, GRPO, INDU, MISS, SACN, VOYA
Alismatales	Alismataceae	Sagittaria subulata	COLO
Apiales	Apiaceae	Aegopodium podagraria	APIS, GATE, PIRO, SAGA, SLBE, VOYA
Apiales	Apiaceae	Anethum graveolens	GATE, LIBO, MISS
Apiales	Apiaceae	Angelica archangelica	SAIR
Apiales	Apiaceae	Angelica atropurpurea	CUVA, EFMO, INDU, MABI, MISS, SACN, SARA
Apiales	Apiaceae	Angelica lucida	ACAD, GATE
Apiales	Apiaceae	Angelica venenosa	BUFF, CUVA, MANA, OZAR, PRWI, WICR
Apiales	Apiaceae	Anthriscus caucalis	INDU
Apiales	Apiaceae	Anthriscus cerefolium	SAIR
Apiales	Apiaceae	Anthriscus sylvestris	MISS, MORR
Apiales	Apiaceae	Apium graveolens	MABI
Apiales	Apiaceae	Berula erecta	MISS, SACN, SLBE
Apiales	Apiaceae	Bifora americana	ARPO
Apiales	Apiaceae	Carum carvi	ACAD, APIS, GRPO, ISRO
Apiales	Apiaceae	Centella erecta	ASIS, COLO
Apiales	Apiaceae	Chaerophyllum procumbens	ANTI, CUVA, HOCU, HOME, INDU, LIBO, MANA, OZAR, PERI, TAPR, WICR
Apiales	Apiaceae	Chaerophyllum tainturieri	ARPO, COLO, GWCA, HOSP, PERI, WICR
Apiales	Apiaceae	Cicuta bulbifera	ACAD, APIS, CUVA, GRPO, INDU, ISRO, MABI, MIMA, PIRO, SACN, SAGA, SARA, SLBE, VOYA
Apiales	Apiaceae	Cicuta maculata	ACAD, ANTI, APIS, ASIS, CATO, COLO, CUVA, GWCA, INDU, MABI, MANA, MIMA, MISS, OZAR, PIPE, PIRO, PRWI, SACN, SARA, SLBE, TAPR, THST, VOYA
Apiales	Apiaceae	Conioselinum chinense	ACAD
Apiales	Apiaceae	Conium maculatum	ANTI, CUVA, EFMO, GWCA, HAFE, HEHO, HOCU, PERI, TAPR, WICR
Apiales	Apiaceae	Cryptotaenia canadensis	ANTI, APIS, ARPO, BUFF, CATO, COLO, CUVA, EFMO, GWCA, HAFE, HOCU, HOME, HOSP, INDU, LIBO, MABI, MANA, MISS, MORR, OZAR, PERI, PRWI, SACN, SARA, SLBE, THST
Apiales	Apiaceae	Cyclospermum leptophyllum	COLO
Apiales	Apiaceae	Daucus carota	ACAD, ANTI, ASIS, CATO, COLO, CUVA, EFMO, GATE, GWCA, HEHO, HOCU, HOSP, INDU, ISRO, LIBO, MABI, MANA, MIMA, MORR, OZAR, PERI, PIRO, PRWI, SACN, SAGA, SAIR, SARA, SLBE, WEFA, WICR
Apiales	Apiaceae	Daucus pusillus	GWCA
Apiales	Apiaceae	Erigenia bulbosa	ANTI, BUFF, CUVA, HAFE, HOCU, INDU, OZAR

Apiales	Apiaceae	Eryngium aquaticum	COLO
Apiales	Apiaceae	Eryngium prostratum	ARPO
Apiales	Apiaceae	Eryngium yuccifolium	BUFF, EFMO, GWCA, HEHO, INDU, MISS, OZAR, PERI, WICR
Apiales	Apiaceae	Foeniculum vulgare	COLO, GEWA
Apiales	Apiaceae	Heracleum mantegazzianum	ACAD
Apiales	Apiaceae	Heracleum maximum	APIS, CUVA, GRPO, HOME, INDU, ISRO, MIMA, MISS, PIPE, PIRO, PRWI, SACN, SLBE, VOYA
Apiales	Apiaceae	Heracleum sphondylium	PIPE
Apiales	Apiaceae	Hydrocotyle americana	COLO, MABI, MIMA, MORR, PRWI, SACN, SAGA, SARA, SLBE, WEFA
Apiales	Apiaceae	Hydrocotyle peltate	COLO
Apiales	Apiaceae	Hydrocotyle umbellata	ASIS, COLO, INDU
Apiales	Apiaceae	Hydrocotyle verticillata	ASIS, COLO, GEWA
Apiales	Apiaceae	Levisticum officinale	SAIR
Apiales	Apiaceae	Ligusticum canadense	OZAR
Apiales	Apiaceae	Ligusticum scoticum	ACAD
Apiales	Apiaceae	Lilaeopsis chinensis	COLO
Apiales	Apiaceae	Lomatium foeniculaceum	TAPR
Apiales	Apiaceae	Lomatium orientale	PIPE
Apiales	Apiaceae	Myrrhis odorata	SAIR, SLBE
Apiales	Apiaceae	Osmorhiza berteroi	APIS, ISRO, PIRO, SLBE
Apiales	Apiaceae	Osmorhiza claytonii	ANTI, APIS, CATO, COLO, CUVA, EFMO, GRPO, HAFE, HOCU, INDU, ISRO, LIBO, MISS, PIPE, PIRO, PRWI, SACN, SLBE, THST, VOYA
Apiales	Apiaceae	Osmorhiza depauperata	GRPO, ISRO, PIRO
Apiales	Apiaceae	Osmorhiza longistylis	ANTI, BUFF, CATO, COLO, CUVA, EFMO, GRPO, GWCA, HAFE, HOCU, INDU, MABI, MANA, MISS, OZAR, PERI, PIPE, PRWI, SACN, SARA, SLBE, TAPR, THST, VOYA, WICR
Apiales	Apiaceae	Oxypolis rigidior	CUVA, INDU, LIBO, MISS, OZAR, THST
Apiales	Apiaceae	Pastinaca sativa	APIS, CATO, CUVA, EFMO, GATE, HEHO, HOCU, INDU, ISRO, MABI, MISS, PIRO, SACN, SARA, SLBE, VOYA
Apiales	Apiaceae	Perideridia americana	PERI
Apiales	Apiaceae	Petroselinum crispum	MABI, SAIR
Apiales	Apiaceae	Peucedanum palustre	MIMA
Apiales	Apiaceae	Pimpinella saxifraga	ACAD
Apiales	Apiaceae	Polytaenia nuttallii	INDU, TAPR, WICR
Apiales	Apiaceae	Ptilimnium capillaceum	ARPO, ASIS, COLO, GATE, GEWA
Apiales	Apiaceae	Ptilimnium nuttallii	ARPO, GWCA, HOSP
Apiales	Apiaceae	Sanicula canadensis	ANTI, ARPO, ASIS, CATO, COLO, CUVA, EFMO, GEWA, GWCA, HOSP, INDU, LIBO, MANA, MORR, OZAR, PERI, PRWI, SARA, TAPR, THST, WEFA, WICR
Apiales	Apiaceae	Sanicula marilandica	APIS, CATO, CUVA, EFMO, GRPO, HAFE, INDU, ISRO, MIMA, MISS, MORR, PIPE, PIRO, SACN, SLBE, VOYA, WEFA
Apiales	Apiaceae	Sanicula odorata	ANTI, BUFF, CATO, CUVA, GWCA, HAFE, HOCU, HOME, HOSP, INDU, MANA, MISS, OZAR, PERI, SACN, SLBE, WICR
Apiales	Apiaceae	Sanicula trifoliata	CUVA, EFMO, HAFE, INDU, SLBE
Apiales	Apiaceae	Sium suave	ACAD, APIS, COLO, CUVA, EFMO, GRPO, INDU, ISRO, MIMA, MISS, PIPE, PIRO, SACN, SAIR, SLBE, VOYA
Apiales	Apiaceae	Spermolepis inermis	HOME, TAPR
Apiales	Apiaceae	Taenidia integerrima	BUFF, CATO, CUVA, EFMO, INDU, MISS, OZAR, PERI, SACN, SLBE, WICR
Apiales	Apiaceae	Thaspium barbinode	BUFF, CATO, CUVA, INDU, MANA, MISS, OZAR, PERI, WICR
Apiales	Apiaceae	Thaspium trifoliatum	CATO, COLO, CUVA, HOSP, INDU, OZAR
Apiales	Apiaceae	Torilis arvensis	ARPO, BUFF, GWCA, HOCU, HOSP, OZAR, WICR
Apiales	Apiaceae	Torilis japonica	CUVA, PERI, WICR
Apiales	Apiaceae	Trepocarpus aethusae	ARPO
Apiales	Apiaceae	Zizia aptera	CATO, EFMO, MANA, MISS, OZAR, PIPE, VOYA
Apiales	Apiaceae	Zizia aurea	ANTI, APIS, BUFF, EFMO, GWCA, HAFE, HEHO, HOSP, INDU, MABI, MIMA, MISS, OZAR, PIPE, SACN, SAGA, SARA, TAPR, WEFA, WICR
Apiales	Araliaceae	Aralia hispida	ACAD, APIS, INDU, ISRO, MIMA, PIRO, SLBE, VOYA
Apiales	Araliaceae	Aralia nudicaulis	ACAD, APIS, CATO, CUVA, EFMO, FIIS, GATE, GRPO, HAFE, INDU, ISRO, MABI, MIMA, MISS, PIRO, SACN, SAGA, SARA, SLBE, VOYA, WEFA
Apiales	Araliaceae	Aralia racemosa	ACAD, APIS, CATO, CUVA, EFMO, GRPO, INDU, ISRO, MABI, MISS, OZAR, PIRO, SACN, SARA, SLBE, VOYA
Apiales	Araliaceae	Aralia spinosa	ASIS, CATO, COLO, CUVA, GATE, GEWA, HAFE, HOSP, PRWI, SARA, THST
Apiales	Araliaceae	Hedera helix	ANTI, ASIS, COLO, CUVA, GEWA, GWCA, HAFE, HOSP, INDU, LIBO, MIMA, WICR
Apiales	Araliaceae	Oplopanax horridus	ISRO
Apiales	Araliaceae	Panax quinquefolius	ANTI, BUFF, CATO, CUVA, EFMO, HOCU, INDU, MABI, MISS, MORR, OZAR, PRWI, SACN, SLBE
Apiales	Araliaceae	Panax trifolius	APIS, CATO, CUVA, INDU, MABI, MIMA, MORR, PIRO, SACN, WEFA
Arales	Acoraceae	Acorus americanus	CUVA, SARA, VOYA
Arales	Acoraceae	Acorus calamus	APIS, CATO, CUVA, GRPO, INDU, MIMA, PIRO, SACN, SARA, WEFA
Arales	Araceae	Arisaema dracontium	BUFF, CUVA, EFMO, GWCA, HAFE, HOSP, INDU, LIBO, MANA, MISS, OZAR, PERI, PRWI, SACN, SARA, TAPR
Arales	Araceae	Arisaema triphyllum	ACAD, ANTI, APIS, BUFF, CATO, COLO, CUVA, EFMO, GRPO, HAFE, HOCU, INDU, ISRO, LIBO, MABI, MANA, MIMA, MISS, MORR, OZAR, PERI, PIRO, PRWI, SACN, SAGA, SAIR, SARA, SLBE, THST, VOYA, WEFA
Arales	Araceae	Arum italicum	ARPO

Arales	Araceae	Calla palustris	ACAD, APIS, GRPO, INDU, ISRO, MABI, MIMA, PIRO, SACN, VOYA, WEFA
Arales	Araceae	Orontium aquaticum	COLO, PRWI
Arales	Araceae	Peltandra virginica	ASIS, COLO, CUVA, EFMO, GATE, GEWA, HAFE, INDU, MIMA, SAIR, SARA
Arales	Araceae	Symplocarpus foetidus	ACAD, APIS, CATO, CUVA, INDU, ISRO, MIMA, MISS, MORR, PRWI, SACN, SAIR, SARA, THST, WEFA
Arales	Lemnaceae	Lemna minor	ANTI, APIS, ASIS, COLO, CUVA, EFMO, GATE, GRPO, GWCA, HAFE, INDU, ISRO, MABI, MANA, MIMA, MISS, PIPE, PIRO, PRWI, SACN, SARA, SLBE, TAPR, VOYA, WEFA
Arales	Lemnaceae	Lemna obscura	MISS
Arales	Lemnaceae	Lemna perpusilla	COLO
Arales	Lemnaceae	Lemna trisulca	APIS, CUVA, EFMO, INDU, ISRO, MISS, PIRO, SACN, SARA, SLBE, VOYA
Arales	Lemnaceae	Lemna turionifera	MISS, SACN
Arales	Lemnaceae	Lemna valdiviana	GEWA
Arales	Lemnaceae	Spirodela polyrhiza	ASIS, COLO, EFMO, GWCA, HAFE, PIRO, SLBE, VOYA
Arales	Lemnaceae	Spirodela polyrrhiza	APIS, ARPO, CUVA, GEWA, GRPO, INDU, MIMA, MISS, OZAR, PIPE, SACN, SARA
Arales	Lemnaceae	Wolffia borealis	MIMA, SARA
Arales	Lemnaceae	Wolffia brasiliensis	COLO, CUVA, HAFE, MIMA, PRWI
Arales	Lemnaceae	Wolffia columbiana	CUVA, INDU, MIMA, MISS, SACN, SARA, SLBE
Arecales	Arecaceae	Sabal minor	ARPO
Aristolochiales	Aristolochiaceae	Aristolochia macrophylla	HAFE, MABI
Aristolochiales	Aristolochiaceae	Aristolochia reticulata	BUFF
Aristolochiales	Aristolochiaceae	Aristolochia serpentaria	ANTI, ARPO, BUFF, CATO, COLO, CUVA, HOSP, INDU, MANA, OZAR, PERI, PRWI, WICR
Aristolochiales	Aristolochiaceae	Aristolochia tomentosa	BUFF, OZAR
Aristolochiales	Aristolochiaceae	Asarum canadense	ANTI, BUFF, CATO, CUVA, EFMO, GRPO, HAFE, HOCU, HOSP, INDU, ISRO, MABI, MANA, MISS, OZAR, PERI, PRWI, SACN, SAGA, SARA, VOYA, WICR
Aristolochiales	Aristolochiaceae	Hexastylis virginica	CATO, COLO, PRWI
Asterales	Asteraceae	Achillea millefolium	ACAD, ANTI, APIS, ASIS, BUFF, CATO, COLO, CUVA, EFMO, GATE, GEWA, GRPO, GWCA, HOCU, HOME, HOSP, INDU, ISRO, LIBO, MABI, MANA, MIMA, MISS, MORR, OZAR, PERI, PIPE, PIRO, PRWI, SACN, SAGA, SAIR, SARA, SLBE, TAPR, VOYA, WEFA, WICR
Asterales	Asteraceae	Achillea ptarmica	ACAD, APIS, INDU, SAIR, VOYA
Asterales	Asteraceae	Acmella oppositifolia	ARPO
Asterales	Asteraceae	Adenocaulon bicolor	PIRO
Asterales	Asteraceae	Ageratina altissima	BUFF, CATO, GWCA, HAFE, HOCU, HOME, INDU, MABI, MANA, MISS, MORR, OZAR, PERI, PIRO, SACN, SARA, SLBE, TAPR, WICR
Asterales	Asteraceae	Ageratina aromatica	COLO
Asterales	Asteraceae	Ambrosia artemisiifolia	ACAD, ANTI, APIS, ARPO, ASIS, BUFF, CATO, COLO, CUVA, EFMO, GATE, GEWA, GWCA, HAFE, HEHO, HOCU, HOME, HOSP, INDU, LIBO, MABI, MANA, MIMA, MISS, MORR, OZAR, PERI, PIPE, PIRO, PRWI, SACN, SARA, SLBE, TAPR, THST, VOYA, WEFA, WICR
Asterales	Asteraceae	Ambrosia bidentata	GWCA, LIBO, MIMA, OZAR
Asterales	Asteraceae	Ambrosia psilostachya	APIS, GWCA, HOME, INDU, ISRO, MISS, PIPE, PIRO, SACN, SLBE, TAPR, VOYA
Asterales	Asteraceae	Ambrosia trifida	ANTI, ASIS, BUFF, CATO, CUVA, EFMO, GATE, GWCA, HEHO, HOCU, HOME, HOSP, INDU, LIBO, MANA, MIMA, MISS, OZAR, PERI, PIPE, SACN, SLBE, TAPR, WICR
Asterales	Asteraceae	Amphiachyris dracunculoides	GWCA, TAPR
Asterales	Asteraceae	Anaphalis margaritacea	ACAD, APIS, GATE, GRPO, ISRO, MIMA, MISS, MORR, PERI, PIRO, SACN, SAIR, SARA, SLBE, VOYA
Asterales	Asteraceae	Antennaria howellii	ACAD, APIS, GRPO, INDU, ISRO, MISS, PIRO, PRWI, SACN, SAGA, SLBE, VOYA
Asterales	Asteraceae	Antennaria microphylla	ISRO
Asterales	Asteraceae	Antennaria neglecta	ACAD, ANTI, CUVA, EFMO, GRPO, HOME, MABI, MANA, MIMA, MORR, PERI, PIPE, PRWI, SARA, TAPR, VOYA, WEFA, WICR
Asterales	Asteraceae	Antennaria parlinii	ARPO, COLO, EFMO, HOSP, ISRO, MANA, OZAR, PIRO, SACN, SLBE, VOYA
Asterales	Asteraceae	Antennaria plantaginifolia	ANTI, APIS, ARPO, BUFF, CATO, COLO, CUVA, EFMO, GEWA, GRPO, HAFE, HOSP, INDU, LIBO, MANA, MIMA, OZAR, PERI, PIPE, PRWI, SACN, SAGA, SARA, SLBE, THST, WEFA
Asterales	Asteraceae	Antennaria solitaria	COLO, PRWI, SAGA
Asterales	Asteraceae	Anthemis arvensis	ANTI, ASIS, CATO, COLO, GATE, GEWA, GRPO, MANA, PRWI, SARA
Asterales	Asteraceae	Anthemis cotula	ACAD, ANTI, EFMO, GATE, INDU, MABI, MIMA, SACN, SARA
Asterales	Asteraceae	Anthemis tinctoria	APIS, GATE, MIMA, SAIR
Asterales	Asteraceae	Arctium lappa	CUVA, GATE, MIMA, SAGA, SARA
Asterales	Asteraceae	Arctium minus	ACAD, ANTI, APIS, ASIS, CATO, CUVA, EFMO, GATE, GEWA, GWCA, HEHO, HOCU, INDU, ISRO, MABI, MANA, MIMA, MISS, OZAR, PIPE, PIRO, SACN, SAGA, SAIR, SARA, SLBE, TAPR, VOYA, WEFA, WICR
Asterales	Asteraceae	Arnica acaulis	COLO
Asterales	Asteraceae	Arnica cordifolia	ISRO
Asterales	Asteraceae	Arnica lonchophylla	ISRO
Asterales	Asteraceae	Arnoglossum atriplicifolium	ANTI, BUFF, COLO, CUVA, HOCU, INDU, OZAR, TAPR
Asterales	Asteraceae	Arnoglossum muehlenbergii	EFMO
Asterales	Asteraceae	Arnoglossum plantagineum	BUFF, INDU, MISS, PERI, TAPR
Asterales	Asteraceae	Arnoseris minima	ACAD

Asterales	Asteraceae	Artemisia abrotanum	SAIR
Asterales	Asteraceae	Artemisia absinthium	INDU, MISS, PIPE, PIRO, SACN, SAIR
Asterales	Asteraceae	Artemisia annua	GATE, HAFE, HOCU, MANA, OZAR
Asterales	Asteraceae	Artemisia biennis	ANTI, APIS, GATE, PIPE
Asterales	Asteraceae	Artemisia campestris	APIS, GATE, INDU, ISRO, MIMA, MISS, PIRO, SACN, SLBE
Asterales	Asteraceae	Artemisia dracunculus	MISS, SACN, SAIR
Asterales	Asteraceae	Artemisia frigida	MISS, PIPE
Asterales	Asteraceae	Artemisia ludoviciana	ASIS, EFMO, GWCA, HOME, LIBO, MISS, PIPE, SACN, SLBE, TAPR
Asterales	Asteraceae	Artemisia pontica	SAIR
Asterales	Asteraceae	Artemisia serrata	SACN
Asterales	Asteraceae	Artemisia stelleriana	ASIS, GATE
Asterales	Asteraceae	Artemisia vulgaris	ACAD, ANTI, ASIS, CATO, COLO, GATE, GEWA, HOCU, INDU, ISRO, MANA, MIMA, PRWI, SAIR, WEFA
Asterales	Asteraceae	Aster divaricatus	ANTI, CATO, CUVA, GATE, HAFE, MABI, MANA, MIMA, MORR, SAGA, SARA, THST, WEFA
Asterales	Asteraceae	Aster sagittifolius	CATO, CUVA, EFMO, HEHO, HOCU, MIMA, OZAR, SARA
Asterales	Asteraceae	Aster vimineus	COLO, GATE, GEWA, MIMA, MORR, SARA
Asterales	Asteraceae	Astranthium integrifolium	HOSP
Asterales	Asteraceae	Baccharis halimifolia	ARPO, ASIS, COLO, FIIS, GATE, GEWA, HOSP
Asterales	Asteraceae	Baccharis neglecta	ARPO
Asterales	Asteraceae	Balsamita major	APIS, INDU, SAIR, VOYA
Asterales	Asteraceae	Berlandiera texana	OZAR, WICR
Asterales	Asteraceae	Bidens alba	PRWI
Asterales	Asteraceae	Bidens aristosa	ARPO, ASIS, EFMO, GATE, GEWA, GWCA, HOSP, INDU, LIBO, MANA, MORR, OZAR, PERI, PRWI, TAPR, THST
Asterales	Asteraceae	Bidens bipinnata	ANTI, ASIS, COLO, GATE, GEWA, GWCA, HAFE, HOCU, PERI, WICR
Asterales	Asteraceae	Bidens cernua	APIS, BUFF, CUVA, EFMO, GRPO, GWCA, HOCU, INDU, ISRO, MABI, MIMA, MISS, OZAR, PIPE, PIRO, SACN, SARA, SLBE, TAPR, VOYA
Asterales	Asteraceae	Bidens connata	ANTI, APIS, CUVA, EFMO, GATE, INDU, PRWI, SACN, SARA, SLBE
Asterales	Asteraceae	Bidens coronata	COLO, CUVA, EFMO, GATE, INDU, SACN
Asterales	Asteraceae	Bidens discoidea	COLO, GEWA, INDU, PRWI, SACN, WEFA
Asterales	Asteraceae	Bidens eatonii	PRWI
Asterales	Asteraceae	Bidens frondosa	ACAD, ANTI, APIS, ASIS, COLO, CUVA, EFMO, FIIS, GATE, GEWA, GRPO, GWCA, HOCU, INDU, MABI, MANA, MIMA, MORR, OZAR, PERI, PIPE, PIRO, PRWI, SACN, SARA, SLBE, TAPR, THST, VOYA, WEFA
Asterales	Asteraceae	Bidens laevis	ASIS, COLO, GATE, WEFA
Asterales	Asteraceae	Bidens tripartita	APIS, ASIS, CATO, EFMO, INDU, MANA, MIMA, PIPE, SACN, SAIR, SARA, SLBE, THST, VOYA, WEFA
Asterales	Asteraceae	Bidens vulgata	CATO, GATE, HOCU, INDU, LIBO, MISS, PRWI, SACN, SARA
Asterales	Asteraceae	Boltonia asteroides	GWCA, INDU, LIBO, MISS, SACN
Asterales	Asteraceae	Boltonia decurrens	EFMO
Asterales	Asteraceae	Boltonia diffusa	ARPO
Asterales	Asteraceae	Borrichia frutescens	ASIS, COLO
Asterales	Asteraceae	Brickellia eupatorioides	GWCA, HOCU, HOME, INDU, LIBO, MISS, OZAR, PERI, PIPE, SACN, TAPR, WICR
Asterales	Asteraceae	Cacalia muhlenbergii	EFMO
Asterales	Asteraceae	Calendula officinalis	SAIR
Asterales	Asteraceae	Canadanthus modestus	GRPO, ISRO
Asterales	Asteraceae	Carduus acanthoides	ANTI
Asterales	Asteraceae	Carduus nutans	ANTI, CATO, EFMO, GWCA, HOCU, HOME, INDU, MANA, MISS, MORR, PIPE, PRWI, SACN, TAPR, WICR
Asterales	Asteraceae	Centaurea biebersteinii	APIS, ASIS, CUVA, GATE, HAFE, INDU, ISRO, MANA, MIMA, MISS, MORR, OZAR, PIRO, SACN, SARA, SLBE
Asterales	Asteraceae	Centaurea cyanus	ANTI, GATE, GEWA, ISRO, MABI, MISS
Asterales	Asteraceae	Centaurea diffusa	SLBE
Asterales	Asteraceae	Centaurea jacea	GATE, SARA
Asterales	Asteraceae	Centaurea montana	APIS, ISRO
Asterales	Asteraceae	Centaurea nigra	ACAD, MORR, WEFA
Asterales	Asteraceae	Chaetopappa asteroides	PERI
Asterales	Asteraceae	Chamaemelum nobilis	SAIR
Asterales	Asteraceae	Chondrilla juncea	ANTI, ASIS, GEWA
Asterales	Asteraceae	Chrysogonum virginianum	PRWI
Asterales	Asteraceae	Chrysopsis mariana	COLO, FIIS, PRWI
Asterales	Asteraceae	Chrysopsis pilosa	GWCA, HOSP, OZAR, PERI, WICR
Asterales	Asteraceae	Cichorium intybus	ACAD, ANTI, ASIS, CATO, COLO, CUVA, EFMO, GATE, HOCU, HOME, INDU, MABI, MANA, MIMA, MISS, MORR, OZAR, PERI, PRWI, SAIR, SARA, SLBE, WICR
Asterales	Asteraceae	Cirsium altissimum	ARPO, EFMO, GWCA, HOME, INDU, OZAR, PERI, PIPE, SLBE, TAPR, WICR
Asterales	Asteraceae	Cirsium arvense	ACAD, ANTI, APIS, COLO, CUVA, EFMO, GATE, GEWA, GRPO, HEHO, HOCU, INDU, ISRO, MABI, MIMA, MISS, MORR, PIPE, PIRO, PRWI, SACN, SARA, SLBE, VOYA
Asterales	Asteraceae	Cirsium carolinianum	CATO
Asterales	Asteraceae	Cirsium discolor	ARPO, CATO, COLO, EFMO, GATE, GEWA, GWCA, HEHO, HOCU, INDU, MANA, MISS, MORR, PRWI, SACN, THST, WICR
Asterales	Asteraceae	Cirsium flodmanii	MISS, PIPE
Asterales	Asteraceae	Cirsium hillii	MISS, SACN

Asterales	Asteraceae	Cirsium horridulum	ARPO, ASIS, COLO, GATE
Asterales	Asteraceae	Cirsium muticum	ACAD, APIS, CUVA, EFMO, GATE, GRPO, INDU, ISRO, MANA, MISS, PIRO, SACN, SLBE, VOYA
Asterales	Asteraceae	Cirsium palustre	PIRO
Asterales	Asteraceae	Cirsium pitcheri	INDU, PIRO, SLBE
Asterales	Asteraceae	Cirsium pumilum	GATE, GEWA, MANA, MISS, MORR, PRWI, SARA, WEFA
Asterales	Asteraceae	Cirsium undulatum	GWCA, HOME, PIPE, TAPR
Asterales	Asteraceae	Cirsium vulgare	ACAD, ANTI, APIS, ASIS, CATO, COLO, CUVA, EFMO, FIIS, GATE, GEWA, GRPO, GWCA, HOCU, INDU, ISRO, MABI, MANA, MIMA, MISS, MORR, PERI, PIPE, PIRO, PRWI, SACN, SARA, SLBE, THST, VOYA
Asterales	Asteraceae	Conoclinium coelestinum	ARPO, BUFF, COLO, GEWA, GWCA, HOCU, HOSP, LIBO, MANA, OZAR, PRWI, THST
Asterales	Asteraceae	Conyza canadensis	ACAD, ANTI, APIS, ASIS, COLO, CUVA, EFMO, FIIS, GATE, GEWA, GRPO, GWCA, HEHO, HOCU, HOME, HOSP, INDU, ISRO, MANA, MIMA, MISS, MORR, OZAR, PERI, PIPE, PIRO, PRWI, SACN, SAGA, SARA, SLBE, TAPR, THST, VOYA, WEFA, WICR
Asterales	Asteraceae	Conyza ramosissima	PIPE
Asterales	Asteraceae	Coreopsis grandiflora	ASIS, BUFF, GWCA, HOSP, TAPR, WICR
Asterales	Asteraceae	Coreopsis lanceolata	BUFF, GATE, INDU, MIMA, OZAR, PERI, SAGA, SARA, SLBE, WICR
Asterales	Asteraceae	Coreopsis palmata	EFMO, INDU, MIMA, MISS, OZAR, PERI, PIPE, SACN, WICR
Asterales	Asteraceae	Coreopsis pubescens	OZAR, PERI
Asterales	Asteraceae	Coreopsis tinctoria	BUFF, COLO, HEHO, MIMA, MISS, PERI, WICR
Asterales	Asteraceae	Coreopsis tripteris	BUFF, CUVA, GWCA, HEHO, HOSP, INDU, MANA, OZAR, PRWI, WICR
Asterales	Asteraceae	Coreopsis verticillata	GATE, MANA, PRWI
Asterales	Asteraceae	Crepis capillaris	INDU, PIRO
Asterales	Asteraceae	Crepis runcinata	PIPE
Asterales	Asteraceae	Crepis tectorum	APIS, GATE, INDU, ISRO, SACN
Asterales	Asteraceae	Doellingeria infirma	CATO, CUVA, MANA, PRWI
Asterales	Asteraceae	Doellingeria umbellata	ACAD, APIS, CUVA, INDU, ISRO, MABI, MISS, PIRO, SACN, SARA, VOYA
Asterales	Asteraceae	Dyssodia papposa	TAPR
Asterales	Asteraceae	Echinacea angustifolia	HOME, PIPE, TAPR
Asterales	Asteraceae	Echinacea pallida	BUFF, EFMO, GWCA, HEHO, HOSP, OZAR, WICR
Asterales	Asteraceae	Echinacea paradoxa	WICR
Asterales	Asteraceae	Echinacea purpurea	BUFF, EFMO, GWCA, HEHO, HOCU, HOSP, MABI, MIMA, MORR, OZAR, PERI, WICR
Asterales	Asteraceae	Eclipta prostrata	ANTI, ASIS, COLO, CUVA, GEWA, GWCA, HAFE, HOME, MANA, PRWI, SACN, TAPR
Asterales	Asteraceae	Elephantopus carolinianus	ARPO, BUFF, COLO, GEWA, GWCA, HOSP, MANA, OZAR, PERI, PRWI, THST, WICR
Asterales	Asteraceae	Elephantopus nudatus	ASIS
Asterales	Asteraceae	Elephantopus tomentosus	ARPO, COLO, GEWA
Asterales	Asteraceae	Erechtites hieracifolia	APIS, CUVA, FIIS, GATE, GEWA, GWCA, HAFE, MORR, PRWI, THST, WEFA
Asterales	Asteraceae	Erechtites hieracifolia	ACAD, ASIS, BUFF, COLO, CUVA, GATE, HOCU, HOSP, INDU, LIBO, MANA, MIMA, MISS, OZAR, PERI, SACN, SARA, SLBE
Asterales	Asteraceae	Erigeron acris	ISRO
Asterales	Asteraceae	Erigeron annuus	ACAD, ANTI, APIS, ASIS, CATO, COLO, CUVA, EFMO, GATE, GEWA, GWCA, HAFE, HEHO, HOCU, INDU, ISRO, LIBO, MABI, MANA, MIMA, MISS, MORR, OZAR, PERI, PIPE, PIRO, PRWI, SACN, SAIR, SARA, SLBE, WEFA, WICR
Asterales	Asteraceae	Erigeron glabellus	PIPE, SACN, VOYA
Asterales	Asteraceae	Erigeron philadelphicus	ANTI, APIS, ARPO, ASIS, CATO, COLO, CUVA, EFMO, GATE, GRPO, GWCA, HAFE, HEHO, HOCU, HOSP, INDU, ISRO, MIMA, MISS, MORR, OZAR, PERI, PIPE, PIRO, PRWI, SACN, SARA, SLBE, TAPR, VOYA, WEFA
Asterales	Asteraceae	Erigeron pulchellus	ANTI, COLO, CUVA, EFMO, GATE, INDU, OZAR, PERI, PRWI, SACN, WEFA
Asterales	Asteraceae	Erigeron strigosus	ACAD, ANTI, APIS, ARPO, ASIS, BUFF, CATO, COLO, CUVA, EFMO, GATE, GEWA, GRPO, GWCA, HOME, HOSP, INDU, ISRO, LIBO, MABI, MANA, MIMA, MISS, OZAR, PERI, PIPE, PIRO, PRWI, SACN, SAGA, SARA, SLBE, TAPR, VOYA, WICR
Asterales	Asteraceae	Erigeron tenellus	ARPO
Asterales	Asteraceae	Erigeron tenuis	ARPO, HOSP, PERI
Asterales	Asteraceae	Eupatorium album	ASIS, COLO, GATE, PRWI
Asterales	Asteraceae	Eupatorium altissimum	BUFF, CUVA, GWCA, HEHO, HOCU, HOME, INDU, MISS, OZAR, PERI, TAPR
Asterales	Asteraceae	Eupatorium capillifolium	ARPO, ASIS, COLO
Asterales	Asteraceae	Eupatorium dubium	ANTI, EFMO, GATE, GEWA, MIMA, PRWI, WEFA
Asterales	Asteraceae	Eupatorium fistulosum	ANTI, CATO, CUVA, GATE, HAFE, INDU, MANA, PRWI
Asterales	Asteraceae	Eupatorium hyssopifolium	ASIS, COLO, GATE, GEWA, LIBO, MANA, PERI, PRWI, SARA, THST
Asterales	Asteraceae	Eupatorium leucolepis	ASIS, COLO, GATE
Asterales	Asteraceae	Eupatorium maculatum	ACAD, APIS, CUVA, EFMO, GATE, GRPO, INDU, ISRO, MABI, MIMA, MISS, PIRO, SACN, SARA, SLBE, VOYA, WEFA
Asterales	Asteraceae	Eupatorium perfoliatum	ACAD, APIS, ARPO, CATO, CUVA, EFMO, GATE, GEWA, HEHO, HOCU, HOSP, INDU, ISRO, LIBO, MANA, MIMA, MISS, OZAR, PIRO, PRWI, SACN, SAIR, SARA, SLBE, THST, VOYA, WEFA
Asterales	Asteraceae	Eupatorium pilosum	GATE, PRWI

Asterales	Asteraceae	Eupatorium purpureum	ANTI, CATO, COLO, CUVA, EFMO, HOCU, INDU, MISS, OZAR, SACN, SAIR, VOYA, WEFA, WICR
Asterales	Asteraceae	Eupatorium rotundifolium	ASIS, COLO, GATE, GEWA, HOSP, PRWI, SARA
Asterales	Asteraceae	Eupatorium semiserratum	COLO
Asterales	Asteraceae	Eupatorium serotinum	ARPO, ASIS, BUFF, COLO, EFMO, GATE, GEWA, GWCA, HOCU, HOSP, INDU, LIBO, MANA, OZAR, PERI, THST
Asterales	Asteraceae	Eupatorium sessilifolium	CATO, CUVA, HAFE, INDU
Asterales	Asteraceae	Eurybia divaricata	PRWI
Asterales	Asteraceae	Eurybia furcata	INDU, OZAR
Asterales	Asteraceae	Eurybia hemispherica	HOSP
Asterales	Asteraceae	Eurybia macrophylla	ACAD, APIS, CUVA, GRPO, HAFE, INDU, ISRO, MABI, MIMA, MISS, MORR, PIRO, SACN, SAGA, SLBE, VOYA
Asterales	Asteraceae	Eurybia radula	ACAD, CATO, MABI
Asterales	Asteraceae	Eurybia schreberi	CATO, CUVA, MANA
Asterales	Asteraceae	Eurybia spectabilis	FIIS, GEWA
Asterales	Asteraceae	Euthamia graminifolia	ACAD, APIS, ASIS, CATO, COLO, GEWA, GRPO, HEHO, HOCU, INDU, ISRO, MABI, MANA, MISS, PIPE, PIRO, PRWI, SACN, SLBE, THST, VOYA, WEFA
Asterales	Asteraceae	Euthamia gymnospermoides	INDU, LIBO, MISS, PIPE, TAPR
Asterales	Asteraceae	Euthamia leptocephala	ARPO
Asterales	Asteraceae	Euthamia tenuifolia	INDU, MIMA, PIRO, SARA
Asterales	Asteraceae	Eutrochium purpureum	BUFF
Asterales	Asteraceae	Fleischmannia incarnata	ARPO, BUFF
Asterales	Asteraceae	Gaillardia aristata	SACN
Asterales	Asteraceae	Gaillardia pulchella	APIS, ASIS, GATE, MISS
Asterales	Asteraceae	Galinsoga parviflora	ANTI, GATE, MIMA, SAGA
Asterales	Asteraceae	Galinsoga quadriradiata	CATO, CUVA, EFMO, GWCA, HAFE, INDU, MABI, MIMA, MORR, SACN, SARA, VOYA, WEFA, WICR
Asterales	Asteraceae	Gamochaeta purpurea	ARPO, ASIS, BUFF, COLO, GEWA, GWCA, HOSP, MANA, OZAR, PERI, PRWI
Asterales	Asteraceae	Gnaphalium uliginosum	ACAD, APIS, GRPO, ISRO, MIMA, SACN, SARA, THST, VOYA
Asterales	Asteraceae	Grindelia lanceolata	BUFF, PERI
Asterales	Asteraceae	Grindelia squarrosa	HOME, MISS, PIPE, SACN, SLBE, TAPR
Asterales	Asteraceae	Hasteola suaveolens	HAFE
Asterales	Asteraceae	Helenium amarum	ARPO, ASIS, GWCA, HOSP, INDU, OZAR, PERI
Asterales	Asteraceae	Helenium autumnale	APIS, COLO, CUVA, EFMO, GWCA, HOME, INDU, MANA, MISS, OZAR, PERI, PIPE, SACN, SARA
Asterales	Asteraceae	Helenium flexuosum	GWCA, HOSP, INDU, MANA, MIMA, OZAR, PRWI, SARA, THST, WICR
Asterales	Asteraceae	Helianthus angustifolius	ARPO
Asterales	Asteraceae	Helianthus annuus	CUVA, EFMO, GATE, HEHO, HOME, INDU, MABI, MIMA, PIPE, SACN, TAPR
Asterales	Asteraceae	Helianthus atrorubens	COLO, PRWI
Asterales	Asteraceae	Helianthus decapetalus	CUVA, EFMO, INDU, MANA, SAGA, SARA
Asterales	Asteraceae	Helianthus divaricatus	BUFF, CATO, CUVA, EFMO, HAFE, HOSP, INDU, MANA, PRWI, SLBE, WEFA
Asterales	Asteraceae	Helianthus giganteus	APIS, ASIS, EFMO, INDU, MISS, SACN, SLBE, VOYA
Asterales	Asteraceae	Helianthus grosseserratus	EFMO, GWCA, HEHO, INDU, PERI, PIPE, PRWI
Asterales	Asteraceae	Helianthus hirsutus	BUFF, CUVA, EFMO, GWCA, HOSP, MISS, OZAR, PERI, SACN, WICR
Asterales	Asteraceae	Helianthus maximiliani	GWCA, HEHO, ISRO, MISS, PIPE, TAPR, WICR
Asterales	Asteraceae	Helianthus microcephalus	CATO, CUVA, PRWI
Asterales	Asteraceae	Helianthus mollis	GWCA, HEHO, HOME, INDU, PERI, SARA
Asterales	Asteraceae	Helianthus occidentalis	COLO, HAFE, INDU, OZAR, SACN
Asterales	Asteraceae	Helianthus pauciflorus	EFMO, HEHO, HOME, INDU, MISS, PIPE, SACN, TAPR
Asterales	Asteraceae	Helianthus petiolaris	ASIS, GATE, HOME, INDU, MISS, PIPE
Asterales	Asteraceae	Helianthus salicifolius	TAPR
Asterales	Asteraceae	Helianthus strumosus	APIS, BUFF, CUVA, EFMO, INDU, MISS, OZAR, PERI, PRWI, SACN, SAGA
Asterales	Asteraceae	Helianthus tuberosus	ACAD, BUFF, CATO, CUVA, EFMO, GATE, GRPO, GWCA, HEHO, HOCU, HOME, MABI, MIMA, MISS, OZAR, PIPE, PRWI, SACN, TAPR, VOYA, WICR
Asterales	Asteraceae	Heliopsis helianthoides	BUFF, CATO, CUVA, EFMO, GATE, GWCA, HEHO, HOCU, HOSP, MANA, MISS, OZAR, PERI, PIPE, PIRO, PRWI, SACN, TAPR, VOYA, WICR
Asterales	Asteraceae	Heterotheca canescens	TAPR
Asterales	Asteraceae	Heterotheca subaxillaris	ASIS, GATE
Asterales	Asteraceae	Heterotheca villosa	MISS, SACN, WICR
Asterales	Asteraceae	Hieracium aurantiacum	ACAD, APIS, CUVA, GATE, GRPO, INDU, ISRO, MABI, MIMA, PIRO, SACN, SAGA, SARA, SLBE, VOYA, WEFA
Asterales	Asteraceae	Hieracium caespitosum	ACAD, ANTI, APIS, ASIS, CATO, COLO, FIIS, HOCU, INDU, ISRO, MANA, MORR, PIRO, PRWI, SARA, WEFA
Asterales	Asteraceae	Hieracium canadense	ACAD, INDU, ISRO, MIMA, VOYA
Asterales	Asteraceae	Hieracium floribundum	ACAD, CUVA, GATE, SAGA, SARA
Asterales	Asteraceae	Hieracium gronovii	ASIS, BUFF, COLO, CUVA, GEWA, HOSP, INDU, MANA, MIMA, OZAR, PERI, PRWI
Asterales	Asteraceae	Hieracium kalmii	ACAD, APIS, GRPO, ISRO, PIRO, SACN, SLBE, VOYA
Asterales	Asteraceae	Hieracium lachenalii	ACAD, ISRO, MIMA, MORR
Asterales	Asteraceae	Hieracium longipilum	GWCA, HOME, MISS, SACN, TAPR, WICR
Asterales	Asteraceae	Hieracium murorum	ACAD

Asterales	Asteraceae	Hieracium paniculatum	ACAD, CATO, CUVA, MABI, MIMA, PRWI, SAGA, SARA, THST, WEFA
Asterales	Asteraceae	Hieracium pilosella	ACAD, APIS, CUVA, MIMA, SAIR, SARA, WEFA
Asterales	Asteraceae	Hieracium piloselloides	APIS, ASIS, GRPO, ISRO, MABI, PIRO, SACN, SLBE, VOYA
Asterales	Asteraceae	Hieracium scabrum	ACAD, APIS, EFMO, GRPO, INDU, ISRO, MANA, MIMA, PIRO, SACN, SLBE, VOYA, WEFA
Asterales	Asteraceae	Hieracium umbellatum	GRPO, ISRO, PIRO, SACN, VOYA
Asterales	Asteraceae	Hieracium venosum	ANTI, CATO, COLO, CUVA, GATE, GEWA, HAFE, MANA, MIMA, PRWI, SLBE, THST, WEFA
Asterales	Asteraceae	Hymenopappus scabiosaeus	TAPR
Asterales	Asteraceae	Hypochaeris radicata	ASIS, COLO, CUVA, FIIS, GATE, GEWA, INDU, PIRO, PRWI, SARA
Asterales	Asteraceae	Inula helenium	CUVA, INDU, SAIR, SARA, SLBE
Asterales	Asteraceae	Ionactis linariifolius	INDU, MIMA, OZAR, PRWI, WEFA
Asterales	Asteraceae	Iva annua	GWCA, MANA, TAPR
Asterales	Asteraceae	Iva frutescens	ASIS, COLO, GATE, GEWA
Asterales	Asteraceae	Iva xanthifolia	MISS, PIPE
Asterales	Asteraceae	Krigia biflora	BUFF, CUVA, EFMO, HOSP, INDU, MISS, MORR, OZAR, PERI, SACN, SLBE, WEFA, WICR
Asterales	Asteraceae	Krigia caespitosa	ARPO, GWCA, TAPR
Asterales	Asteraceae	Krigia dandelion	ARPO, BUFF, COLO, GWCA, HOSP, MANA, MORR, OZAR, PERI, PRWI, THST
Asterales	Asteraceae	Krigia virginica	ASIS, BUFF, CATO, COLO, GATE, GEWA, GWCA, INDU, MIMA, OZAR, PRWI, SLBE, THST
Asterales	Asteraceae	Lactuca biennis	ACAD, ANTI, APIS, CATO, CUVA, EFMO, GATE, GRPO, INDU, ISRO, MABI, MIMA, SACN, SLBE, VOYA, WEFA
Asterales	Asteraceae	Lactuca canadensis	ACAD, ANTI, APIS, ASIS, BUFF, CATO, COLO, CUVA, EFMO, GATE, GWCA, HEHO, HOCU, HOME, HOSP, INDU, ISRO, MANA, MIMA, MISS, MORR, OZAR, PERI, PIPE, PRWI, SACN, SAGA, SARA, SLBE, VOYA, WICR
Asterales	Asteraceae	Lactuca floridana	ANTI, BUFF, CUVA, EFMO, GWCA, HOCU, HOME, MANA, OZAR, PERI, PIRO, PRWI, WEFA, WICR
Asterales	Asteraceae	Lactuca hirsuta	PRWI, SLBE
Asterales	Asteraceae	Lactuca ludoviciana	EFMO, MISS, TAPR
Asterales	Asteraceae	Lactuca saligna	GWCA
Asterales	Asteraceae	Lactuca sativa	MABI
Asterales	Asteraceae	Lactuca serriola	ASIS, COLO, CUVA, GEWA, GWCA, HEHO, HOCU, HOME, INDU, MISS, PIPE, PRWI, SARA, TAPR, WICR
Asterales	Asteraceae	Lactuca tatarica	HOME, ISRO, PIPE
Asterales	Asteraceae	Lapsana communis	ACAD, CUVA, MIMA, PIRO, SAGA, SLBE
Asterales	Asteraceae	Leontodon autumnalis	ACAD, MIMA, PIRO
Asterales	Asteraceae	Leontodon taraxacoides	APIS, INDU
Asterales	Asteraceae	Leucanthemum vulgare	ACAD, APIS, ASIS, CATO, COLO, CUVA, GATE, GEWA, GRPO, GWCA, HAFE, INDU, ISRO, LIBO, MABI, MANA, MORR, OZAR, PERI, PIRO, PRWI, SACN, SAIR, SLBE, THST, VOYA, WEFA, WICR
Asterales	Asteraceae	Liatris aspera	CUVA, EFMO, HEHO, HOSP, INDU, MISS, OZAR, PIPE, SACN, TAPR, WICR
Asterales	Asteraceae	Liatris cylindracea	INDU, MISS, OZAR, SACN
Asterales	Asteraceae	Liatris ligulistylis	MISS, PIPE, SACN
Asterales	Asteraceae	Liatris mucronata	TAPR
Asterales	Asteraceae	Liatris pilosa	COLO, PRWI
Asterales	Asteraceae	Liatris punctata	HOME, PIPE, SACN, TAPR
Asterales	Asteraceae	Liatris pycnostachya	EFMO, GWCA, HEHO, HOME, INDU, MISS, OZAR, PERI, PIPE, SACN, WICR
Asterales	Asteraceae	Liatris spicata	EFMO, INDU
Asterales	Asteraceae	Liatris squarrosa	BUFF, HOSP, MANA, OZAR, PRWI, WICR
Asterales	Asteraceae	Liatris squarrulosa	HOSP
Asterales	Asteraceae	Ligularia tussilaginea	MABI
Asterales	Asteraceae	Lygodesmia juncea	MISS
Asterales	Asteraceae	Matricaria discoidea	ACAD, ANTI, APIS, ASIS, GRPO, GWCA, HOCU, INDU, ISRO, MIMA, MISS, PIPE, PIRO, SACN, SARA, SLBE, VOYA, WICR
Asterales	Asteraceae	Matricaria recutita	CUVA, MIMA
Asterales	Asteraceae	Megalodonta beckii	APIS, GRPO, ISRO, PIRO, SACN, SLBE, VOYA
Asterales	Asteraceae	Mikania scandens	ANTI, ARPO, ASIS, COLO, GATE, GEWA, MANA, PRWI, SAIR, THST, WEFA
Asterales	Asteraceae	Mycelis muralis	ACAD, SAGA
Asterales	Asteraceae	Nothocalais cuspidata	SACN, TAPR
Asterales	Asteraceae	Oclemena acuminata	ACAD, MABI, MIMA, SAGA, WEFA
Asterales	Asteraceae	Oclemena nemoralis	ACAD, PIRO
Asterales	Asteraceae	Oligoneuron album	INDU, ISRO, OZAR, PERI, SACN, WICR
Asterales	Asteraceae	Oligoneuron ohioense	INDU
Asterales	Asteraceae	Oligoneuron riddellii	INDU, MISS
Asterales	Asteraceae	Oligoneuron rigidum	HEHO, HOME, INDU, MISS, OZAR, PIPE, SACN, TAPR, WICR
Asterales	Asteraceae	Oligosporus campestris	PIPE
Asterales	Asteraceae	Omalotheca sylvatica	APIS
Asterales	Asteraceae	Packera anonyma	MANA, PRWI, SARA
Asterales	Asteraceae	Packera aurea	ANTI, APIS, CATO, COLO, CUVA, GATE, HAFE, HOCU, HOSP, INDU, LIBO, MABI, MANA, MIMA, MISS, OZAR, SACN, SARA, WEFA
Asterales	Asteraceae	Packera glabella	ARPO, PRWI
Asterales	Asteraceae	Packera indecora	APIS, ISRO

Asterales	Asteraceae	Packera insulae-regalis	ISRO
Asterales	Asteraceae	Packera obovata	BUFF, CUVA, GWCA, HOCU, HOSP, MORR, OZAR, PERI, SARA, SLBE
Asterales	Asteraceae	Packera paupercula	APIS, CATO, INDU, ISRO, MANA, MISS, PIRO, SACN, SLBE, VOYA, WEFA
Asterales	Asteraceae	Packera plattensis	HEHO, HOME, INDU, MISS, PIPE, SACN, TAPR, WICR
Asterales	Asteraceae	Packera pseudaurea	MISS, SACN
Asterales	Asteraceae	Packera schweinitziana	ACAD
Asterales	Asteraceae	Packera tomentosa	ARPO, ASIS, COLO
Asterales	Asteraceae	Palafoxia callosa	PERI
Asterales	Asteraceae	Parthenium integrifolium	INDU, OZAR, PERI, WICR
Asterales	Asteraceae	Petasites frigidus	ACAD, APIS, GRPO, ISRO, PIRO, SACN, VOYA
Asterales	Asteraceae	Petasites sagittatus	SACN, VOYA
Asterales	Asteraceae	Pityopsis falcata	GATE
Asterales	Asteraceae	Pityopsis graminifolia	COLO, HOSP
Asterales	Asteraceae	Pluchea camphorata	COLO, GATE, PERI
Asterales	Asteraceae	Pluchea foetida	ASIS, COLO
Asterales	Asteraceae	Pluchea odorata	ASIS, COLO, GEWA
Asterales	Asteraceae	Polymnia canadensis	ANTI, BUFF, EFMO, HAFE, HOCU, HOSP, OZAR, PERI, SACN, WICR
Asterales	Asteraceae	Prenanthes alba	APIS, CATO, CUVA, EFMO, GRPO, INDU, ISRO, MABI, MIMA, MISS, PIRO, SACN, SAGA, SLBE, VOYA, WEFA
Asterales	Asteraceae	Prenanthes altissima	ACAD, COLO, CUVA, HOSP, INDU, MABI, MIMA, OZAR
Asterales	Asteraceae	Prenanthes aspera	INDU, MISS, TAPR, WICR
Asterales	Asteraceae	Prenanthes crepidinea	INDU
Asterales	Asteraceae	Prenanthes racemosa	INDU, ISRO, MISS, PIPE
Asterales	Asteraceae	Prenanthes serpentaria	EFMO, MANA, PRWI
Asterales	Asteraceae	Prenanthes trifoliolata	ACAD, ANTI, CATO, COLO, MIMA
Asterales	Asteraceae	Pseudognaphalium macounii	APIS, ISRO, PIRO, SLBE
Asterales	Asteraceae	Pseudognaphalium obtusifolium	ACAD, ANTI, ASIS, BUFF, COLO, GATE, GEWA, GWCA, HOCU, HOSP, INDU, MANA, MIMA, MISS, OZAR, PERI, PIRO, PRWI, SACN, SARA, SLBE, THST, WICR
Asterales	Asteraceae	Pseudognaphalium stramineum	ASIS
Asterales	Asteraceae	Pseudognaphalium viscosum	PRWI
Asterales	Asteraceae	Pyrrhopappus carolinianus	ASIS, COLO, GEWA, GWCA, HOSP, PRWI
Asterales	Asteraceae	Ratibida columnifera	HOME, MISS, PIPE, TAPR
Asterales	Asteraceae	Ratibida pinnata	CUVA, EFMO, GWCA, HEHO, HOCU, HOME, INDU, MISS, OZAR, PERI, PIPE, SACN, WICR
Asterales	Asteraceae	Rudbeckia fulgida	HOCU, MANA, OZAR, PRWI
Asterales	Asteraceae	Rudbeckia hirta	ACAD, ANTI, APIS, ARPO, ASIS, BUFF, CATO, COLO, CUVA, EFMO, GATE, GEWA, GRPO, GWCA, HAFE, HEHO, HOCU, HOME, HOSP, INDU, ISRO, LIBO, MABI, MANA, MIMA, MISS, OZAR, PERI, PIPE, PIRO, PRWI, SACN, SAGA, SARA, SLBE, THST, VOYA, WICR
Asterales	Asteraceae	Rudbeckia laciniata	ANTI, APIS, BUFF, CATO, COLO, CUVA, EFMO, GATE, HAFE, HEHO, INDU, MANA, MISS, OZAR, PRWI, SACN, SARA, WICR
Asterales	Asteraceae	Rudbeckia missouriensis	OZAR, WICR
Asterales	Asteraceae	Rudbeckia subtomentosa	EFMO, GWCA, INDU, OZAR, WICR
Asterales	Asteraceae	Rudbeckia triloba	CATO, EFMO, GWCA, HEHO, HOCU, HOSP, INDU, OZAR, PERI, SLBE, WICR
Asterales	Asteraceae	Santolina chamaecyparissus	SAIR
Asterales	Asteraceae	Senecio congestus	SACN
Asterales	Asteraceae	Senecio integerrimus	PIPE
Asterales	Asteraceae	Senecio sylvaticus	ACAD
Asterales	Asteraceae	Senecio vulgaris	ACAD, ASIS, CUVA, GATE, MIMA, SARA
Asterales	Asteraceae	Sericocarpus asteroides	CATO, COLO, CUVA, FIIS, MANA, MIMA, PRWI, THST
Asterales	Asteraceae	Sericocarpus linifolius	PRWI
Asterales	Asteraceae	Silphium asteriscus	BUFF, OZAR, PERI
Asterales	Asteraceae	Silphium integrifolium	EFMO, GWCA, HEHO, HOME, HOSP, INDU, TAPR, WICR
Asterales	Asteraceae	Silphium laciniatum	BUFF, EFMO, GWCA, HEHO, INDU, PERI, SARA, TAPR, WICR
Asterales	Asteraceae	Silphium perfoliatum	ACAD, CUVA, EFMO, GWCA, HEHO, HOCU, INDU, MIMA, MISS, OZAR, PIPE, SACN, WICR
Asterales	Asteraceae	Silphium terebinthinaceum	HEHO, INDU, OZAR
Asterales	Asteraceae	Silphium trifoliatum	CATO, COLO, CUVA, MANA, PRWI
Asterales	Asteraceae	Smallanthus uvedalius	BUFF, COLO, GEWA, HAFE, OZAR
Asterales	Asteraceae	Solidago arguta	BUFF, OZAR
Asterales	Asteraceae	Solidago bicolor	ACAD, ANTI, CATO, COLO, CUVA, MABI, MANA, MIMA, PRWI, SARA, WEFA
Asterales	Asteraceae	Solidago buckleyi	OZAR
Asterales	Asteraceae	Solidago caesia	ANTI, BUFF, CATO, COLO, CUVA, HAFE, HOSP, INDU, MABI, MANA, MIMA, OZAR, PRWI, SAGA, SAIR, SARA, SLBE, THST, WEFA
Asterales	Asteraceae	Solidago canadensis	ACAD, ANTI, APIS, ARPO, ASIS, CATO, EFMO, GATE, GEWA, GRPO, HEHO, HOCU, HOME, INDU, ISRO, LIBO, MABI, MANA, MISS, OZAR, PIPE, PIRO, PRWI, SACN, SAGA, SAIR, SLBE, TAPR, VOYA, WICR
Asterales	Asteraceae	Solidago fistulosa	ASIS
Asterales	Asteraceae	Solidago flexicaulis	ACAD, ANTI, APIS, CATO, CUVA, EFMO, HAFE, HOCU, INDU, MABI, MIMA, MISS, OZAR, SACN, SAGA, SARA, SLBE, WEFA
Asterales	Asteraceae	Solidago gigantea	ACAD, APIS, ARPO, CUVA, EFMO, GATE, GRPO, GWCA, HEHO, HOCU, HOME, INDU, ISRO, MABI, MIMA, MISS, OZAR, PIPE, PIRO, PRWI, SACN, SARA, SLBE, THST, VOYA, WICR
Asterales	Asteraceae	Solidago glabra	MABI

Asterales	Asteraceae	Solidago hispida	APIS, CATO, CUVA, GRPO, GWCA, HOSP, ISRO, OZAR, PERI, PIRO, SACN, SLBE, VOYA
Asterales	Asteraceae	Solidago juncea	ACAD, ANTI, ASIS, CATO, COLO, CUVA, GATE, GEWA, GRPO, HOCU, INDU, ISRO, LIBO, MABI, MANA, MIMA, OZAR, PRWI, SACN, SAGA, SARA, THST, WEFA
Asterales	Asteraceae	Solidago latissimifolia	GATE
Asterales	Asteraceae	Solidago missouriensis	EFMO, GWCA, HOME, INDU, MISS, PIPE, SACN, TAPR, VOYA
Asterales	Asteraceae	Solidago nemoralis	ACAD, ANTI, APIS, BUFF, CATO, COLO, CUVA, EFMO, GATE, GEWA, GRPO, GWCA, HAFE, HOSP, INDU, ISRO, LIBO, MABI, MANA, MIMA, MISS, OZAR, PERI, PIPE, PIRO, PRWI, SACN, SARA, SLBE, VOYA, WEFA
Asterales	Asteraceae	Solidago odora	ANTI, BUFF, HOSP, MIMA, WEFA
Asterales	Asteraceae	Solidago patula	CUVA, INDU, OZAR, SARA
Asterales	Asteraceae	Solidago petiolaris	BUFF, HOSP, OZAR, PERI, TAPR
Asterales	Asteraceae	Solidago pinetorum	COLO
Asterales	Asteraceae	Solidago puberula	ACAD, MIMA
Asterales	Asteraceae	Solidago radula	GWCA, HOSP, OZAR, WICR
Asterales	Asteraceae	Solidago rugosa	ACAD, ASIS, CATO, COLO, CUVA, GATE, GEWA, HOCU, INDU, MABI, MIMA, MORR, PIPE, PIRO, PRWI, SAGA, SAIR, SARA, SLBE, THST, WEFA
Asterales	Asteraceae	Solidago sciaphila	EFMO, MISS, SACN
Asterales	Asteraceae	Solidago sempervirens	ACAD, ASIS, COLO, GATE, GEWA, INDU
Asterales	Asteraceae	Solidago simplex	ACAD, INDU, ISRO, PIRO, SLBE
Asterales	Asteraceae	Solidago speciosa	EFMO, GEWA, HEHO, HOME, INDU, MISS, PRWI, SACN
Asterales	Asteraceae	Solidago squarrosa	CUVA
Asterales	Asteraceae	Solidago uliginosa	ACAD, APIS, GATE, GRPO, INDU, ISRO, PIRO, SACN, SLBE, VOYA
Asterales	Asteraceae	Solidago ulmifolia	ANTI, BUFF, COLO, CUVA, EFMO, GATE, HAFE, HOSP, INDU, MANA, OZAR, PERI, PRWI, SACN, SLBE, WICR
Asterales	Asteraceae	Sonchus arvensis	ACAD, APIS, COLO, CUVA, EFMO, GATE, GRPO, INDU, ISRO, MIMA, MISS, PIPE, PIRO, SACN, SLBE, VOYA
Asterales	Asteraceae	Sonchus asper	ACAD, ANTI, APIS, ASIS, COLO, CUVA, GATE, GEWA, HEHO, HOCU, INDU, MANA, MIMA, PIPE, PRWI, SARA, TAPR, VOYA
Asterales	Asteraceae	Sonchus oleraceus	ACAD, ASIS, CUVA, GATE, INDU, MANA, SARA
Asterales	Asteraceae	Symphyotrichum ciliolatum	GRPO
Asterales	Asteraceae	Symphyotrichum cordifolium	ACAD, ANTI, CATO, CUVA, EFMO, GWCA, HOCU, MANA, OZAR, SAIR, SARA
Asterales	Asteraceae	Symphyotrichum anomalum	BUFF, HOSP, OZAR
Asterales	Asteraceae	Symphyotrichum boreale	EFMO, GRPO, INDU, ISRO, PIRO, SACN, VOYA
Asterales	Asteraceae	Symphyotrichum ciliatum	APIS
Asterales	Asteraceae	Symphyotrichum ciliolatum	ISRO, SACN, SLBE, VOYA
Asterales	Asteraceae	Symphyotrichum cordifolium	ACAD, ANTI, EFMO, INDU, MISS, SACN, SLBE
Asterales	Asteraceae	Symphyotrichum divaricatum	ANTI, ARPO, PRWI, TAPR
Asterales	Asteraceae	Symphyotrichum drummondii	EFMO, GWCA, INDU, TAPR
Asterales	Asteraceae	Symphyotrichum dumosum	ASIS, COLO, GATE, INDU, MANA, MIMA, PRWI, SLBE
Asterales	Asteraceae	Symphyotrichum ericoides	ANTI, ARPO, ASIS, EFMO, GATE, GWCA, HEHO, HOME, INDU, MABI, MISS, PIPE, SACN, SARA, TAPR, VOYA, WICR
Asterales	Asteraceae	Symphyotrichum laeve	APIS, CATO, CUVA, EFMO, GATE, HEHO, INDU, MISS, OZAR, PIPE, PRWI, SACN, SARA, SLBE, TAPR
Asterales	Asteraceae	Symphyotrichum lanceolatum	ANTI, APIS, ASIS, CATO, GRPO, GWCA, HOCU, HOME, INDU, ISRO, MABI, MANA, PERI, PIPE, PIRO, SACN, SAIR, SARA, SLBE, TAPR, THST, VOYA, WEFA
Asterales	Asteraceae	Symphyotrichum lateriflorum	ANTI, APIS, CATO, CUVA, GRPO, HOCU, INDU, ISRO, MABI, MANA, OZAR, PIRO, PRWI, SACN, SARA, SLBE, VOYA
Asterales	Asteraceae	Symphyotrichum lowrieanum	CUVA, SARA
Asterales	Asteraceae	Symphyotrichum novae-angliae	ACAD, COLO, CUVA, EFMO, HEHO, HOCU, INDU, MABI, MIMA, MISS, OZAR, PIPE, SACN, SARA, SLBE
Asterales	Asteraceae	Symphyotrichum novi-belgii	ACAD, COLO, GATE, MIMA
Asterales	Asteraceae	Symphyotrichum oblongifolium	HAFE, MISS, OZAR, PIPE, SACN, TAPR, WICR
Asterales	Asteraceae	Symphyotrichum ontarione	MISS, SACN
Asterales	Asteraceae	Symphyotrichum oolentangiense	GWCA, HEHO, INDU, MISS, OZAR, SACN, SLBE, WICR
Asterales	Asteraceae	Symphyotrichum patens	BUFF, GWCA, HOSP, LIBO, MIMA, OZAR, PERI, PRWI, SAIR, WEFA, WICR
Asterales	Asteraceae	Symphyotrichum pilosum	APIS, ASIS, CATO, COLO, CUVA, EFMO, GATE, GEWA, GWCA, HEHO, HOCU, HOSP, INDU, MANA, OZAR, PERI, PRWI, SACN, SAIR, SARA, SLBE, WICR
Asterales	Asteraceae	Symphyotrichum praealtum	ACAD, EFMO, GWCA, INDU
Asterales	Asteraceae	Symphyotrichum prenanthoides	CATO, CUVA, EFMO, MANA, MISS, PRWI
Asterales	Asteraceae	Symphyotrichum puniceum	ACAD, APIS, CATO, COLO, CUVA, GATE, GRPO, INDU, ISRO, MABI, MIMA, MISS, PIRO, PRWI, SACN, SARA, SLBE, VOYA
Asterales	Asteraceae	Symphyotrichum racemosum	CUVA, GATE, INDU, PRWI, SARA
Asterales	Asteraceae	Symphyotrichum robynsianum	ISRO
Asterales	Asteraceae	Symphyotrichum sericeum	BUFF, EFMO, INDU, MISS, OZAR, PIPE, SACN, TAPR
Asterales	Asteraceae	Symphyotrichum shortii	CUVA, HAFE, HOCU, INDU
Asterales	Asteraceae	Symphyotrichum subulatum	ARPO, ASIS, COLO, GATE
Asterales	Asteraceae	Symphyotrichum tenuifolium	ASIS, COLO, GATE, GEWA
Asterales	Asteraceae	Symphyotrichum turbinellum	OZAR, WICR
Asterales	Asteraceae	Symphyotrichum undulatum	CATO, COLO, CUVA, GATE, GEWA, MANA, MIMA, PRWI, SARA
Asterales	Asteraceae	Symphyotrichum urophyllum	APIS, EFMO, GWCA, MISS, SLBE
Asterales	Asteraceae	Tagetes erecta	ASIS, MABI

Asterales	Asteraceae	Tanacetum bipinnatum	PIRO
Asterales	Asteraceae	Tanacetum parthenium	CATO, INDU, SAIR
Asterales	Asteraceae	Tanacetum vulgare	ACAD, ANTI, APIS, CUVA, GEWA, GRPO, INDU, ISRO, MIMA, PIRO, SAIR, VOYA
Asterales	Asteraceae	Taraxacum laevigatum	APIS, GATE, INDU, PIPE, SACN
Asterales	Asteraceae	Taraxacum officinale	ACAD, ANTI, APIS, ARPO, ASIS, BUFF, CATO, COLO, CUVA, EFMO, GATE, GEWA, GRPO, GWCA, HAFE, HEHO, HOCU, HOME, HOSP, INDU, ISRO, LIBO, MABI, MANA, MIMA, MISS, MORR, OZAR, PERI, PIPE, PIRO, PRWI, SACN, SAGA, SAIR, SARA, SLBE, TAPR, VOYA, WEFA, WICR
Asterales	Asteraceae	Thelesperma filifolium	TAPR, WICR
Asterales	Asteraceae	Tragopogon dubius	ANTI, APIS, EFMO, GATE, GWCA, HOME, INDU, MANA, MISS, PERI, PIPE, PIRO, SACN, SARA, SLBE, TAPR, VOYA, WICR
Asterales	Asteraceae	Tragopogon porrifolius	CUVA, GATE, HAFE, MIMA, SLBE
Asterales	Asteraceae	Tragopogon pratensis	ACAD, ANTI, CATO, CUVA, EFMO, GATE, HOCU, INDU, ISRO, MABI, MIMA, MORR, SACN, SARA, SLBE
Asterales	Asteraceae	Tripleurospermum maritima	HOCU, ISRO, SACN
Asterales	Asteraceae	Tripleurospermum perforata	ISRO
Asterales	Asteraceae	Tussilago farfara	ACAD, CATO, CUVA, HAFE, MABI, MIMA, PRWI, SAGA, SARA, WEFA
Asterales	Asteraceae	Verbesina alternifolia	ANTI, BUFF, CUVA, EFMO, GWCA, HAFE, HOCU, HOME, INDU, MANA, OZAR, PRWI, TAPR, THST, WICR
Asterales	Asteraceae	Verbesina helianthoides	BUFF, GWCA, HOSP, OZAR, PERI, WICR
Asterales	Asteraceae	Verbesina occidentalis	ASIS, COLO, GEWA, HAFE, MANA, THST
Asterales	Asteraceae	Verbesina virginica	COLO, GWCA, HOSP, OZAR, PERI
Asterales	Asteraceae	Vernonia arkansana	GWCA, OZAR, PERI, WICR
Asterales	Asteraceae	Vernonia baldwinii	ARPO, BUFF, GWCA, HOME, HOSP, OZAR, TAPR, WICR
Asterales	Asteraceae	Vernonia fasciculata	EFMO, HEHO, HOME, INDU, MISS, PIPE, SACN
Asterales	Asteraceae	Vernonia gigantea	CUVA, EFMO, HOCU, INDU, LIBO, OZAR, PERI
Asterales	Asteraceae	Vernonia glauca	GEWA, MANA
Asterales	Asteraceae	Vernonia missurica	ARPO, GWCA, HOSP, INDU
Asterales	Asteraceae	Vernonia noveboracensis	ANTI, ASIS, COLO, GEWA, LIBO, MANA, MIMA, MORR, PRWI, THST
Asterales	Asteraceae	Xanthium strumarium	ANTI, APIS, ARPO, ASIS, BUFF, COLO, CUVA, EFMO, GATE, GEWA, GWCA, HAFE, HOCU, HOME, INDU, MABI, MANA, MISS, SACN, SARA, TAPR
Asterales	Asteraceae	Youngia japonica	COLO, PRWI
Asterales	Asteraceae	Zinnia violacea	MABI
Callitrichales	Callitrichaceae	Callitriche hermaphroditica	ISRO, PIRO
Callitrichales	Callitrichaceae	Callitriche heterophylla	ASIS, CUVA, GEWA, GWCA, INDU, MANA, MIMA, PRWI, TAPR
Callitrichales	Callitrichaceae	Callitriche palustris	ACAD, APIS, GRPO, ISRO, MIMA, PIPE, PIRO, SACN, SAIR, VOYA
Callitrichales	Callitrichaceae	Callitriche terrestris	CATO, GEWA
Callitrichales	Hippuridaceae	Hippuris vulgaris	APIS, GRPO, ISRO, PIRO, SLBE
Campanulales	Campanulaceae	Campanula aparinoides	ACAD, APIS, GRPO, INDU, ISRO, MIMA, MISS, PIRO, PRWI, SACN, SLBE, VOYA
Campanulales	Campanulaceae	Campanula rapunculoides	ACAD, APIS, CATO, INDU, ISRO, MIMA, MISS, PIPE, PIRO, SACN, SAIR, SARA, VOYA
Campanulales	Campanulaceae	Campanula rotundifolia	ACAD, APIS, EFMO, GRPO, INDU, ISRO, MISS, OZAR, SACN, SLBE, VOYA
Campanulales	Campanulaceae	Campanula trachelium	SARA
Campanulales	Campanulaceae	Campanulastrum americanum	BUFF, CATO, CUVA, HOCU, HOME, INDU, MISS, OZAR, PERI, SACN, TAPR, WICR
Campanulales	Campanulaceae	Lobelia appendiculata	ARPO
Campanulales	Campanulaceae	Lobelia cardinalis	ASIS, CATO, COLO, CUVA, EFMO, GEWA, GWCA, HEHO, INDU, MANA, MIMA, MISS, OZAR, PRWI, SACN, SARA, SLBE, TAPR, THST, WEFA
Campanulales	Campanulaceae	Lobelia dortmanna	ACAD, EFMO, ISRO, PIRO, VOYA
Campanulales	Campanulaceae	Lobelia inflata	ACAD, ANTI, APIS, BUFF, CATO, COLO, CUVA, EFMO, GEWA, GWCA, HOCU, INDU, LIBO, MABI, MANA, MIMA, MISS, MORR, OZAR, PERI, PRWI, SACN, SARA, SLBE, THST, VOYA, WEFA
Campanulales	Campanulaceae	Lobelia kalmii	APIS, INDU, ISRO, MIMA, MISS, PIRO, SACN, SLBE
Campanulales	Campanulaceae	Lobelia nuttallii	COLO, WEFA
Campanulales	Campanulaceae	Lobelia puberula	ANTI, COLO, MANA, PRWI, THST
Campanulales	Campanulaceae	Lobelia siphilitica	ANTI, CATO, COLO, CUVA, EFMO, GWCA, HEHO, HOCU, INDU, LIBO, MANA, MISS, OZAR, PERI, PRWI, SACN, SARA, SLBE, TAPR
Campanulales	Campanulaceae	Lobelia spicata	BUFF, CUVA, EFMO, GWCA, INDU, MANA, MIMA, MISS, MORR, OZAR, PERI, PIPE, PRWI, SACN, SARA, SLBE, VOYA, WICR
Campanulales	Campanulaceae	Triodanis leptocarpa	HOME, TAPR
Campanulales	Campanulaceae	Triodanis perfoliata	ARPO, ASIS, BUFF, CATO, COLO, CUVA, EFMO, GATE, GEWA, HAFE, HOCU, HOME, HOSP, INDU, MANA, MIMA, MISS, OZAR, PERI, PRWI, SACN, SARA, TAPR, WICR
Capparales	Brassicaceae	Alliaria petiolata	ACAD, ANTI, BUFF, CATO, COLO, CUVA, EFMO, GATE, HAFE, HOCU, INDU, MANA, MIMA, MISS, MORR, PRWI, SACN, SARA, SLBE, TAPR, WEFA
Capparales	Brassicaceae	Alyssum alyssoides	SLBE
Capparales	Brassicaceae	Arabidopsis thaliana	ASIS, CATO, COLO, CUVA, GATE, GEWA, HOCU, INDU, MIMA, PRWI, SLBE
Capparales	Brassicaceae	Arabis canadensis	BUFF, CATO, EFMO, HOSP, INDU, MIMA, OZAR, PERI, SACN, SLBE
Capparales	Brassicaceae	Arabis drummondii	ACAD, EFMO, GRPO, ISRO, PIRO, SACN, SLBE
Capparales	Brassicaceae	Arabis glabra	APIS, INDU, ISRO, MIMA, PIRO, SACN, SARA, SLBE, WEFA
Capparales	Brassicaceae	Arabis hirsuta	APIS, GATE, ISRO, MISS, OZAR, PIPE, PIRO, SACN
Capparales	Brassicaceae	Arabis holboellii	ISRO, SLBE

Capparales	Brassicaceae	Arabis laevigata	ANTI, BUFF, CATO, COLO, CUVA, GEWA, HAFE, INDU, MIMA, OZAR
Capparales	Brassicaceae	Arabis lyrata	ANTI, APIS, EFMO, GATE, HAFE, INDU, ISRO, MANA, PIRO, SACN, SLBE
Capparales	Brassicaceae	Arabis missouriensis	OZAR, SACN
Capparales	Brassicaceae	Arabis shortii	BUFF, HAFE, SACN
Capparales	Brassicaceae	Armoracia rusticana	APIS, ISRO, MABI, MIMA
Capparales	Brassicaceae	Barbarea orthoceras	ISRO
Capparales	Brassicaceae	Barbarea verna	ANTI, ASIS, COLO, GATE, GEWA, HOSP, MANA, MIMA
Capparales	Brassicaceae	Barbarea vulgaris	ACAD, ANTI, APIS, ASIS, CATO, COLO, CUVA, EFMO, GATE, GEWA, GRPO, GWCA, HEHO, HOCU, INDU, ISRO, LIBO, MABI, MANA, MIMA, MISS, MORR, OZAR, PERI, PIRO, PRWI, SACN, SARA, SLBE, THST, VOYA, WEFA, WICR
Capparales	Brassicaceae	Berteroa incana	ANTI, EFMO, GATE, HOCU, INDU, ISRO, MIMA, MISS, PIRO, SACN, SLBE, VOYA
Capparales	Brassicaceae	Brassica juncea	ACAD, CUVA, EFMO, MISS, SACN
Capparales	Brassicaceae	Brassica napus	COLO
Capparales	Brassicaceae	Brassica nigra	ACAD, ANTI, CUVA, GATE, HAFE, HOCU, INDU, MIMA, MORR, SACN, SARA
Capparales	Brassicaceae	Brassica oleracea	MABI
Capparales	Brassicaceae	Brassica rapa	ACAD, APIS, ASIS, EFMO, GATE, LIBO, MABI, MIMA, MISS, PIPE, SACN, SLBE
Capparales	Brassicaceae	Braya humilis	ISRO
Capparales	Brassicaceae	Cakile edentula	ACAD, ASIS, COLO, GATE, GEWA, INDU, SLBE
Capparales	Brassicaceae	Camelina microcarpa	SLBE, TAPR
Capparales	Brassicaceae	Camelina sativa	GATE
Capparales	Brassicaceae	Capsella bursa-pastoris	ACAD, ANTI, APIS, ASIS, BUFF, CATO, COLO, CUVA, EFMO, GATE, GEWA, GRPO, GWCA, HEHO, HOCU, HOME, INDU, ISRO, LIBO, MABI, MANA, MIMA, MISS, PERI, PIPE, SACN, SAGA, SARA, SLBE, TAPR, VOYA, WICR
Capparales	Brassicaceae	Cardamine angustata	PRWI
Capparales	Brassicaceae	Cardamine bulbosa	CATO, GATE, INDU, MORR, OZAR, PIPE, SACN, SLBE
Capparales	Brassicaceae	Cardamine concatenata	BUFF, CATO, CUVA, GEWA, HAFE, HOSP, INDU, LIBO, MANA, MISS, OZAR, PERI, PIRO, PRWI, SACN, SARA, SLBE, THST, WICR
Capparales	Brassicaceae	Cardamine diphylla	CATO, CUVA, MABI, PIRO, SAGA, SLBE
Capparales	Brassicaceae	Cardamine douglassii	CUVA, HOCU, INDU, LIBO
Capparales	Brassicaceae	Cardamine flexuosa	PRWI
Capparales	Brassicaceae	Cardamine hirsuta	ARPO, ASIS, COLO, CUVA, GATE, HOSP, INDU, MANA, PERI, PRWI, THST
Capparales	Brassicaceae	Cardamine impatiens	ACAD
Capparales	Brassicaceae	Cardamine maxima	SARA
Capparales	Brassicaceae	Cardamine parviflora	ACAD, ANTI, ASIS, BUFF, CATO, GWCA, HOCU, INDU, ISRO, PERI, SACN, VOYA
Capparales	Brassicaceae	Cardamine pensylvanica	ACAD, APIS, CATO, COLO, CUVA, EFMO, GEWA, GRPO, INDU, ISRO, MABI, MANA, MIMA, MISS, MORR, PERI, PIRO, PRWI, SACN, SAIR, SARA, SLBE, THST, VOYA, WEFA
Capparales	Brassicaceae	Cardamine pratensis	ANTI, MIMA, PRWI, SARA
Capparales	Brassicaceae	Cardaria draba	PIRO
Capparales	Brassicaceae	Descurainia pinnata	MISS, OZAR, PIPE, SLBE, TAPR
Capparales	Brassicaceae	Descurainia sophia	INDU, MISS, SACN, TAPR
Capparales	Brassicaceae	Diplotaxis muralis	INDU, SLBE
Capparales	Brassicaceae	Draba arabisans	GRPO, ISRO
Capparales	Brassicaceae	Draba brachycarpa	ARPO, GWCA, TAPR
Capparales	Brassicaceae	Draba breweri	ISRO
Capparales	Brassicaceae	Draba cuneifolia	BUFF, OZAR, TAPR
Capparales	Brassicaceae	Draba glabella	ISRO
Capparales	Brassicaceae	Draba incana	ISRO
Capparales	Brassicaceae	Draba nemorosa	GRPO, MISS, PIPE
Capparales	Brassicaceae	Draba reptans	HOME, PIPE, SACN, TAPR, WICR
Capparales	Brassicaceae	Draba verna	ACAD, ANTI, ASIS, COLO, GATE, HOCU, INDU, PERI, PRWI, SLBE, THST, WEFA
Capparales	Brassicaceae	Erucastrum gallicum	HAFE, PIPE
Capparales	Brassicaceae	Erysimum cheiranthoides	ACAD, APIS, CATO, GRPO, ISRO, MIMA, MISS, PIPE, PIRO, SACN, SAGA, SARA, SLBE, VOYA
Capparales	Brassicaceae	Erysimum inconspicuum	APIS, ISRO, MISS, PIPE, SACN
Capparales	Brassicaceae	Erysimum repandum	HOCU, INDU, TAPR
Capparales	Brassicaceae	Hesperis matronalis	ACAD, ANTI, CATO, CUVA, EFMO, GEWA, HAFE, HOCU, INDU, MABI, MISS, MORR, PIPE, SACN, SAGA, SAIR, SARA, SLBE, WEFA, WICR
Capparales	Brassicaceae	Iodanthus pinnatifidus	HOCU
Capparales	Brassicaceae	Isatis tinctoria	SAIR
Capparales	Brassicaceae	Leavenworthia uniflora	BUFF
Capparales	Brassicaceae	Lepidium campestre	ANTI, ASIS, CATO, COLO, CUVA, EFMO, GATE, GEWA, GWCA, HEHO, HOCU, INDU, ISRO, MANA, MIMA, PIPE, PRWI, SARA, SLBE, THST, WICR
Capparales	Brassicaceae	Lepidium densiflorum	APIS, GWCA, HEHO, HOME, INDU, ISRO, MISS, OZAR, PIPE, PIRO, SACN, SLBE, TAPR, THST, VOYA, WICR
Capparales	Brassicaceae	Lepidium ruderale	MIMA

Capparales	Brassicaceae	Lepidium virginicum	ANTI, APIS, ARPO, ASIS, COLO, CUVA, EFMO, GATE, GEWA, GWCA, HOCU, HOME, INDU, ISRO, MANA, MIMA, MISS, OZAR, PERI, PRWI, SARA, SLBE, WEFA
Capparales	Brassicaceae	Lesquerella filiformis	WICR
Capparales	Brassicaceae	Lunaria annua	ASIS, GATE, GEWA, INDU, MIMA, SLBE
Capparales	Brassicaceae	Microthlaspi perfoliatum	CATO, COLO, HOCU, MANA, SARA, WICR
Capparales	Brassicaceae	Myagrum perfoliatum	TAPR
Capparales	Brassicaceae	Neobeckia aquatica	APIS, ISRO, PIRO
Capparales	Brassicaceae	Raphanus raphanistrum	ACAD, ASIS, COLO, CUVA, GATE, GEWA, MIMA, SARA
Capparales	Brassicaceae	Raphanus sativus	MABI
Capparales	Brassicaceae	Rorippa islandica	CUVA, GRPO, MIMA, SAGA, VOYA
Capparales	Brassicaceae	Rorippa nasturtium-aquaticum	BUFF, CATO, COLO, GWCA, HOCU, INDU, MIMA, MISS, MORR, OZAR, PERI, PIRO, SACN, SARA, SLBE, TAPR, WEFA, WICR
Capparales	Brassicaceae	Rorippa palustris	APIS, BUFF, EFMO, GEWA, GRPO, GWCA, INDU, ISRO, PIPE, PIRO, SACN, SARA, SLBE, VOYA
Capparales	Brassicaceae	Rorippa sessiliflora	GWCA, INDU, MISS
Capparales	Brassicaceae	Rorippa sinuata	PIPE, SACN
Capparales	Brassicaceae	Rorippa sylvestris	MANA, MISS, MORR
Capparales	Brassicaceae	Selenia aurea	BUFF
Capparales	Brassicaceae	Sibara virginica	GWCA
Capparales	Brassicaceae	Sinapis alba	SARA
Capparales	Brassicaceae	Sinapis arvensis	APIS, GRPO, INDU, ISRO, MORR, PIPE, PRWI, SACN, SLBE, VOYA
Capparales	Brassicaceae	Sisymbrium altissimum	ANTI, APIS, GATE, INDU, ISRO, MISS, PIPE, SACN, SLBE
Capparales	Brassicaceae	Sisymbrium officinale	ACAD, ANTI, EFMO, GATE, GEWA, HOCU, MIMA, MISS, MORR, OZAR, PERI, SACN, SAIR, SLBE, WICR
Capparales	Brassicaceae	Subularia aquatica	ACAD, ISRO, VOYA
Capparales	Brassicaceae	Teesdalia nudicaulis	ASIS, GEWA
Capparales	Brassicaceae	Thlaspi arvense	ANTI, APIS, EFMO, GATE, HOCU, HOME, INDU, ISRO, MIMA, MISS, PIPE, PRWI, SARA, TAPR, VOYA
Capparales	Capparaceae	Polanisia dodecandra	INDU, MISS, OZAR, SACN, TAPR
Capparales	Capparaceae	Polanisia jamesii	MISS, SACN
Caryophyllales	Aizoaceae	Sesuvium maritimum	ASIS
Caryophyllales	Amaranthaceae	Alternanthera philoxeroides	ARPO
Caryophyllales	Amaranthaceae	Amaranthus albus	APIS, GATE, GWCA, INDU, PIPE, SACN, SARA, SLBE, VOYA
Caryophyllales	Amaranthaceae	Amaranthus blitoides	ANTI, INDU, MISS, OZAR, PIPE, SACN, SLBE
Caryophyllales	Amaranthaceae	Amaranthus blitum	GATE
Caryophyllales	Amaranthaceae	Amaranthus cannabinus	ASIS, COLO, EFMO, GEWA
Caryophyllales	Amaranthaceae	Amaranthus crispus	GATE
Caryophyllales	Amaranthaceae	Amaranthus graecizans	TAPR
Caryophyllales	Amaranthaceae	Amaranthus hybridus	ACAD, ANTI, ASIS, COLO, CUVA, GATE, GEWA, GWCA, HOME, INDU, MIMA, MISS, OZAR, SAIR
Caryophyllales	Amaranthaceae	Amaranthus powellii	INDU, MISS, SACN, SLBE
Caryophyllales	Amaranthaceae	Amaranthus pumilus	ASIS
Caryophyllales	Amaranthaceae	Amaranthus retroflexus	ACAD, APIS, CUVA, EFMO, GATE, GEWA, GWCA, HOCU, HOME, INDU, MABI, MIMA, OZAR, PIPE, SACN, SARA, SLBE, TAPR, VOYA
Caryophyllales	Amaranthaceae	Amaranthus rudis	EFMO, GWCA, MISS, PIPE, SACN, TAPR
Caryophyllales	Amaranthaceae	Amaranthus spinosus	BUFF, GWCA, OZAR, TAPR
Caryophyllales	Amaranthaceae	Amaranthus tuberculatus	EFMO, HOCU, INDU, MISS, SACN
Caryophyllales	Amaranthaceae	Froelichia floridana	ASIS, MISS, SACN
Caryophyllales	Amaranthaceae	Froelichia gracilis	ASIS, GATE, INDU, OZAR, SACN, WICR
Caryophyllales	Amaranthaceae	Iresine rhizomatosa	GEWA, OZAR
Caryophyllales	Cactaceae	Escobaria missouriensis	TAPR
Caryophyllales	Cactaceae	Opuntia compressa	COLO, GEWA, PIPE
Caryophyllales	Cactaceae	Opuntia fragilis	PIPE, SACN
Caryophyllales	Cactaceae	Opuntia humifusa	ASIS, BUFF, COLO, GATE, GEWA, INDU, OZAR, PERI, PIPE, WICR
Caryophyllales	Cactaceae	Opuntia macrorhiza	PIPE, TAPR
Caryophyllales	Cactaceae	Opuntia polyacantha	PIPE
Caryophyllales	Caryophyllaceae	Agrostemma githago	GATE, SLBE
Caryophyllales	Caryophyllaceae	Arenaria serpyllifolia	APIS, ASIS, BUFF, CUVA, GATE, GEWA, GWCA, INDU, ISRO, PERI, PIRO, PRWI, SARA, SLBE, TAPR, THST, WICR
Caryophyllales	Caryophyllaceae	Cerastium arvense	ACAD, APIS, EFMO, GATE, ISRO, MIMA, PIPE, VOYA
Caryophyllales	Caryophyllaceae	Cerastium brachypetalum	GWCA
Caryophyllales	Caryophyllaceae	Cerastium brachypodum	GWCA, INDU, OZAR, PIPE, TAPR
Caryophyllales	Caryophyllaceae	Cerastium fontanum	ACAD, ANTI, APIS, CATO, COLO, CUVA, EFMO, GATE, GEWA, GRPO, HOCU, INDU, ISRO, MABI, MIMA, MISS, MORR, PIPE, PIRO, PRWI, SACN, SAGA, SLBE, THST, VOYA, WEFA, WICR
Caryophyllales	Caryophyllaceae	Cerastium glomeratum	ANTI, ARPO, ASIS, COLO, GEWA, GRPO, GWCA, HOSP, MABI, PRWI, THST
Caryophyllales	Caryophyllaceae	Cerastium nutans	APIS, CATO, CUVA, EFMO, HAFE, HEHO, MISS, SACN, VOYA
Caryophyllales	Caryophyllaceae	Cerastium semidecandrum	ASIS, INDU, SLBE, THST
Caryophyllales	Caryophyllaceae	Cerastium tomentosum	ISRO, SLBE
Caryophyllales	Caryophyllaceae	Dianthus armeria	ACAD, ANTI, BUFF, CATO, COLO, CUVA, EFMO, GATE, GEWA, GWCA, HAFE, HOCU, INDU, MANA, MIMA, MISS, MORR, OZAR, PERI, PIPE, PRWI, SACN, SAIR, SARA, SLBE, WEFA, WICR
Caryophyllales	Caryophyllaceae	Dianthus barbatus	APIS, CATO, CUVA, INDU, ISRO, PIRO, SLBE
Caryophyllales	Caryophyllaceae	Dianthus caryophyllus	SAIR

Caryophyllales	Caryophyllaceae	Dianthus deltoides	ISRO, SLBE, WEFA
Caryophyllales	Caryophyllaceae	Dianthus plumarius	ISRO, MABI, SLBE
Caryophyllales	Caryophyllaceae	Gypsophila paniculata	SLBE
Caryophyllales	Caryophyllaceae	Herniaria hirsuta	ASIS
Caryophyllales	Caryophyllaceae	Holosteum umbellatum	ASIS, CATO, COLO, GATE, GWCA, INDU, PRWI
Caryophyllales	Caryophyllaceae	Honckenya peploides	ACAD, ASIS
Caryophyllales	Caryophyllaceae	Lychnis chalcedonica	ISRO, VOYA
Caryophyllales	Caryophyllaceae	Lychnis coronaria	GATE, GEWA, INDU, SLBE
Caryophyllales	Caryophyllaceae	Minuartia carolniana	GATE
Caryophyllales	Caryophyllaceae	Minuartia dawsonensis	ISRO, MISS, SACN, VOYA
Caryophyllales	Caryophyllaceae	Minuartia glabra	ACAD
Caryophyllales	Caryophyllaceae	Minuartia groenlandica	ACAD
Caryophyllales	Caryophyllaceae	Minuartia michauxii	INDU, ISRO, OZAR, SLBE
Caryophyllales	Caryophyllaceae	Minuartia patula	BUFF, OZAR, PERI
Caryophyllales	Caryophyllaceae	Moehringia lateriflora	ACAD, FIIS, INDU, MIMA, MISS, SACN, SARA, VOYA
Caryophyllales	Caryophyllaceae	Moehringia macrophylla	ISRO
Caryophyllales	Caryophyllaceae	Myosoton aquaticum	ANTI, CUVA, EFMO, ISRO, MISS, SACN, SARA, VOYA
Caryophyllales	Caryophyllaceae	Paronychia argyrocoma	HAFE
Caryophyllales	Caryophyllaceae	Paronychia canadensis	ANTI, CATO, HAFE, MANA, MIMA
Caryophyllales	Caryophyllaceae	Paronychia fastigiata	CATO, MANA, PERI, SACN
Caryophyllales	Caryophyllaceae	Paronychia virginica	HAFE
Caryophyllales	Caryophyllaceae	Petrorhagia prolifera	GATE
Caryophyllales	Caryophyllaceae	Sagina decumbens	ASIS, GATE, GEWA
Caryophyllales	Caryophyllaceae	Sagina nodosa	ACAD, ISRO
Caryophyllales	Caryophyllaceae	Sagina procumbens	ACAD, ISRO
Caryophyllales	Caryophyllaceae	Saponaria officinalis	ACAD, ANTI, APIS, BUFF, CATO, COLO, CUVA, EFMO, GATE, GEWA, GWCA, HAFE, HOCU, HOME, INDU, MABI, MIMA, MISS, OZAR, PERI, PRWI, SACN, SAIR, SARA, SLBE, WICR
Caryophyllales	Caryophyllaceae	Scleranthus annuus	APIS, ASIS, GATE, GEWA, INDU, MIMA, PRWI
Caryophyllales	Caryophyllaceae	Silene antirrhina	CUVA, GATE, GRPO, HOCU, HOME, INDU, ISRO, MISS, PIPE, PRWI, SACN, SLBE, TAPR, VOYA, WICR
Caryophyllales	Caryophyllaceae	Silene armeria	APIS, INDU, SACN, SAGA, SLBE
Caryophyllales	Caryophyllaceae	Silene carolniana	CATO, COLO, MANA, MIMA
Caryophyllales	Caryophyllaceae	Silene csereii	APIS, EFMO, INDU, MISS, PIPE, SACN
Caryophyllales	Caryophyllaceae	Silene dichotoma	GATE, SACN, SLBE
Caryophyllales	Caryophyllaceae	Silene dioica	INDU
Caryophyllales	Caryophyllaceae	Silene latifolia	ACAD, ANTI, APIS, CATO, COLO, CUVA, GEWA, GRPO, HAFE, HOCU, INDU, ISRO, MABI, MANA, MIMA, MISS, PIPE, PIRO, SACN, SLBE, VOYA
Caryophyllales	Caryophyllaceae	Silene nivea	EFMO, HAFE
Caryophyllales	Caryophyllaceae	Silene noctiflora	APIS, EFMO, GATE, HOCU, INDU, MIMA, PIPE, SACN, VOYA
Caryophyllales	Caryophyllaceae	Silene odoratissima	ANTI
Caryophyllales	Caryophyllaceae	Silene regia	GWCA, OZAR, WICR
Caryophyllales	Caryophyllaceae	Silene stellata	ANTI, BUFF, CATO, COLO, CUVA, EFMO, GWCA, HOCU, HOME, HOSP, INDU, MISS, OZAR, PERI, PIPE, PRWI, TAPR, WICR
Caryophyllales	Caryophyllaceae	Silene virginica	CUVA, HOCU, HOSP, INDU, OZAR, PERI
Caryophyllales	Caryophyllaceae	Silene vulgaris	ACAD, APIS, CATO, COLO, HAFE, HOCU, INDU, ISRO, MIMA, MORR, PIRO, SACN, SAIR, SARA, SLBE
Caryophyllales	Caryophyllaceae	Spergula arvensis	ACAD, CUVA, GATE, SACN
Caryophyllales	Caryophyllaceae	Spergularia canadensis	ACAD
Caryophyllales	Caryophyllaceae	Spergularia maritima	INDU
Caryophyllales	Caryophyllaceae	Spergularia rubra	ACAD, APIS, ASIS, GATE, MIMA
Caryophyllales	Caryophyllaceae	Spergularia salina	ACAD, ASIS, CUVA, GATE
Caryophyllales	Caryophyllaceae	Stellaria alsine	ACAD
Caryophyllales	Caryophyllaceae	Stellaria borealis	APIS, GRPO, ISRO
Caryophyllales	Caryophyllaceae	Stellaria calycantha	PIRO
Caryophyllales	Caryophyllaceae	Stellaria crassifolia	GATE
Caryophyllales	Caryophyllaceae	Stellaria graminea	ACAD, ANTI, APIS, CUVA, GATE, GRPO, INDU, ISRO, MIMA, SACN, SAGA, SARA, SLBE
Caryophyllales	Caryophyllaceae	Stellaria longifolia	APIS, CATO, GRPO, INDU, ISRO, MANA, MISS, PIPE, PIRO, SACN, VOYA
Caryophyllales	Caryophyllaceae	Stellaria longipes	GATE, GRPO, PIRO
Caryophyllales	Caryophyllaceae	Stellaria media	ACAD, ANTI, ARPO, ASIS, BUFF, CATO, COLO, CUVA, EFMO, GATE, GEWA, GRPO, GWCA, HAFE, HOCU, HOME, HOSP, INDU, ISRO, LIBO, MANA, MIMA, MISS, OZAR, PERI, PRWI, SACN, SAGA, SARA, SLBE, TAPR, THST, VOYA, WEFA, WICR
Caryophyllales	Caryophyllaceae	Stellaria pubera	ANTI, CATO, COLO, HAFE, MANA, PRWI, THST
Caryophyllales	Chenopodiaceae	Atriplex acadiensis	ACAD
Caryophyllales	Chenopodiaceae	Atriplex cristata	ASIS, GATE
Caryophyllales	Chenopodiaceae	Atriplex glabriuscula	ACAD
Caryophyllales	Chenopodiaceae	Atriplex hortensis	PIPE
Caryophyllales	Chenopodiaceae	Atriplex patula	ACAD, ASIS, COLO, CUVA, GATE, GEWA, INDU
Caryophyllales	Chenopodiaceae	Atriplex prostrata	ACAD, CUVA, GATE
Caryophyllales	Chenopodiaceae	Atriplex subspicata	ACAD
Caryophyllales	Chenopodiaceae	Bassia hirsuta	ASIS, GATE
Caryophyllales	Chenopodiaceae	Bassia hyssopifolia	GATE

Caryophyllales	Chenopodiaceae	Beta vulgaris	MABI
Caryophyllales	Chenopodiaceae	Chenopodium album	ACAD, ANTI, APIS, ASIS, BUFF, CATO, COLO, CUVA, EFMO, GATE, GEWA, GRPO, GWCA, HEHO, HOCU, HOME, INDU, ISRO, MABI, MANA, MIMA, MISS, OZAR, PIPE, PIRO, PRWI, SACN, SAGA, SAIR, SARA, SLBE, TAPR, VOYA, WEFA, WICR
Caryophyllales	Chenopodiaceae	Chenopodium ambrosioides	ANTI, ASIS, BUFF, COLO, GATE, GEWA, GWCA, PRWI
Caryophyllales	Chenopodiaceae	Chenopodium berlandieri	GWCA, HOME, INDU, PIPE, SACN, TAPR
Caryophyllales	Chenopodiaceae	Chenopodium botrys	INDU, MIMA
Caryophyllales	Chenopodiaceae	Chenopodium capitatum	ISRO, SACN, SLBE
Caryophyllales	Chenopodiaceae	Chenopodium desiccatum	GATE, SACN
Caryophyllales	Chenopodiaceae	Chenopodium glabra	SAGA
Caryophyllales	Chenopodiaceae	Chenopodium glaucum	ACAD, CATO, CUVA, GATE, GRPO, SACN, VOYA
Caryophyllales	Chenopodiaceae	Chenopodium leptophyllum	GATE, INDU, VOYA
Caryophyllales	Chenopodiaceae	Chenopodium praericola	INDU, MISS, PIPE, SACN
Caryophyllales	Chenopodiaceae	Chenopodium rubrum	EFMO, GATE, PIPE
Caryophyllales	Chenopodiaceae	Chenopodium simplex	CUVA, EFMO, GATE, HOME, INDU, ISRO, MISS, PIPE, SACN, SLBE, TAPR, VOYA
Caryophyllales	Chenopodiaceae	Chenopodium standleyanum	EFMO, GWCA, MISS
Caryophyllales	Chenopodiaceae	Corispermum americanum	APIS, INDU, PIRO, SLBE
Caryophyllales	Chenopodiaceae	Cycloloma atriplicifolium	GATE, INDU, MISS, SACN, SLBE
Caryophyllales	Chenopodiaceae	Kochia scoparia	CUVA, GATE, INDU, MISS, PIPE, TAPR
Caryophyllales	Chenopodiaceae	Krascheninnikovia lanata	GATE
Caryophyllales	Chenopodiaceae	Monolepis nuttalliana	TAPR
Caryophyllales	Chenopodiaceae	Salicornia bigelovii	ASIS, GATE
Caryophyllales	Chenopodiaceae	Salicornia europaea	ASIS, COLO, GATE
Caryophyllales	Chenopodiaceae	Salicornia virginica	ACAD, ASIS, FIIS, GATE
Caryophyllales	Chenopodiaceae	Salsola collina	CUVA, MISS
Caryophyllales	Chenopodiaceae	Salsola kali	ASIS, COLO, GATE, GEWA, PIPE
Caryophyllales	Chenopodiaceae	Salsola tragus	APIS, CUVA, INDU, ISRO, MISS, PIPE, SACN
Caryophyllales	Chenopodiaceae	Spinacia oleracea	MABI
Caryophyllales	Chenopodiaceae	Suaeda calceoliformis	ACAD, GATE
Caryophyllales	Chenopodiaceae	Suaeda linearis	ACAD, ASIS, GATE
Caryophyllales	Chenopodiaceae	Suaeda maritima	ACAD, ASIS, GATE
Caryophyllales	Molluginaceae	Mollugo verticillata	APIS, ARPO, ASIS, BUFF, GATE, GEWA, GRPO, GWCA, HOME, INDU, MANA, MIMA, MISS, OZAR, PERI, PRWI, SACN, SAIR, SARA, THST, VOYA, WICR
Caryophyllales	Nyctaginaceae	Mirabilis albida	GWCA, HOME, OZAR, PIPE, TAPR, WICR
Caryophyllales	Nyctaginaceae	Mirabilis hirsuta	GATE, MISS, PIPE, SACN, SLBE
Caryophyllales	Nyctaginaceae	Mirabilis jalapa	ASIS
Caryophyllales	Nyctaginaceae	Mirabilis linearis	TAPR
Caryophyllales	Nyctaginaceae	Mirabilis nyctaginea	ANTI, EFMO, GATE, GWCA, HEHO, HOCU, HOME, INDU, MISS, PERI, PIPE, SACN, SLBE, TAPR, WICR
Caryophyllales	Phytolaccaceae	Phytolacca americana	ANTI, ASIS, BUFF, CATO, COLO, CUVA, GATE, GEWA, GWCA, HAFE, HOCU, HOME, HOSP, INDU, LIBO, MIMA, MORR, OZAR, PERI, PRWI, SAIR, SARA, SLBE, TAPR, THST, WEFA, WICR
Caryophyllales	Portulacaceae	Claytonia caroliniana	APIS, GRPO, ISRO, MABI, PIRO, SLBE
Caryophyllales	Portulacaceae	Claytonia virginica	ANTI, ARPO, BUFF, CATO, COLO, CUVA, EFMO, GWCA, HAFE, HOCU, HOSP, INDU, LIBO, MANA, MISS, MORR, OZAR, PERI, PRWI, SACN, SARA, SLBE, THST, WICR
Caryophyllales	Portulacaceae	Montia fontana	ACAD
Caryophyllales	Portulacaceae	Phemeranthus calycinus	BUFF
Caryophyllales	Portulacaceae	Portulaca grandiflora	ASIS, GATE
Caryophyllales	Portulacaceae	Portulaca oleracea	ANTI, APIS, ASIS, CUVA, GATE, GRPO, INDU, MANA, MIMA, MISS, PIPE, PRWI, SACN, SARA, SLBE, TAPR, VOYA
Caryophyllales	Portulacaceae	Talinum calycinum	OZAR
Caryophyllales	Portulacaceae	Talinum parviflorum	PIPE
Caryophyllales	Portulacaceae	Talinum rugospermum	INDU, SACN
Celastrales	Aquifoliaceae	Ilex ambigua	HOSP
Celastrales	Aquifoliaceae	Ilex cornuta	HOSP
Celastrales	Aquifoliaceae	Ilex crenata	ANTI, GATE, WEFA
Celastrales	Aquifoliaceae	Ilex decidua	ARPO, BUFF, COLO, GWCA, HOSP, OZAR, PERI
Celastrales	Aquifoliaceae	Ilex glabra	ACAD, ASIS, GATE
Celastrales	Aquifoliaceae	Ilex integra	GEWA
Celastrales	Aquifoliaceae	Ilex laevigata	CATO
Celastrales	Aquifoliaceae	Ilex montana	MORR
Celastrales	Aquifoliaceae	Ilex opaca	ANTI, ASIS, CATO, COLO, GATE, GEWA, HAFE, HOSP, MANA, MIMA, MORR, PERI, PIRO, PRWI, THST
Celastrales	Aquifoliaceae	Ilex verticillata	ACAD, APIS, CATO, COLO, EFMO, GATE, GEWA, INDU, MABI, MANA, MIMA, MORR, PIRO, PRWI, SACN, SARA, SLBE, THST, VOYA, WEFA, WICR
Celastrales	Aquifoliaceae	Ilex vomitoria	HOSP
Celastrales	Aquifoliaceae	Nemopanthus mucronatus	ACAD, APIS, INDU, MABI, MIMA, PIRO, SACN, SLBE
Celastrales	Celastraceae	Celastrus orbiculatus	ACAD, ANTI, CATO, COLO, CUVA, GATE, GEWA, HAFE, INDU, MANA, MIMA, MORR, PERI, PRWI, SAIR, SARA, WEFA
Celastrales	Celastraceae	Celastrus scandens	ANTI, BUFF, CATO, COLO, CUVA, EFMO, GATE, GEWA, GWCA, HOCU, HOME, INDU, LIBO, MABI, MISS, MORR, OZAR, PIPE, PRWI, SACN, SAGA, SLBE, TAPR, VOYA, WICR

Celastrales	Celastraceae	Euonymus alata	ANTI, CUVA, HOCU, INDU, MABI, MANA, MIMA, MORR, WEFA
Celastrales	Celastraceae	Euonymus alatus	ACAD, CUVA, HAFE, MORR, PRWI, SAGA
Celastrales	Celastraceae	Euonymus americana	ANTI, EFMO, HOSP, LIBO, MANA, PRWI, THST
Celastrales	Celastraceae	Euonymus americanus	ANTI, COLO, MANA, MORR, PRWI
Celastrales	Celastraceae	Euonymus atropurpurea	ACAD, ANTI, CUVA, EFMO, HEHO, HOCU, HOME, INDU, MABI, MISS, PIPE, SACN, TAPR, WEFA, WICR
Celastrales	Celastraceae	Euonymus atropurpureus	GATE, GWCA, MANA, OZAR
Celastrales	Celastraceae	Euonymus europaea	EFMO, MABI, MIMA
Celastrales	Celastraceae	Euonymus europaeus	CUVA, GATE
Celastrales	Celastraceae	Euonymus fortunei	CUVA, GWCA, INDU, PERI
Celastrales	Celastraceae	Euonymus hamiltoniana	INDU
Celastrales	Celastraceae	Euonymus kiautschovica	GATE
Celastrales	Celastraceae	Euonymus obovata	CUVA, INDU, WICR
Celastrales	Celastraceae	Euonymus obovatus	BUFF, CUVA
Commelinales	Commelinaceae	Commelina caroliniana	GWCA
Commelinales	Commelinaceae	Commelina communis	ANTI, ASIS, CATO, COLO, CUVA, EFMO, GATE, GEWA, GWCA, HOCU, HOME, HOSP, INDU, LIBO, MANA, MIMA, MORR, OZAR, PERI, PRWI, SACN, SARA, THST, WEFA, WICR
Commelinales	Commelinaceae	Commelina diffusa	GWCA
Commelinales	Commelinaceae	Commelina erecta	BUFF, COLO, GWCA, INDU, TAPR
Commelinales	Commelinaceae	Commelina virginica	BUFF, COLO, HOSP, MANA
Commelinales	Commelinaceae	Murdannia keisak	COLO, MANA, PRWI
Commelinales	Commelinaceae	Tradescantia bracteata	ARPO, EFMO, HOME, MISS, PIPE, SACN, TAPR
Commelinales	Commelinaceae	Tradescantia hirsuticaulis	HOSP
Commelinales	Commelinaceae	Tradescantia longipes	OZAR
Commelinales	Commelinaceae	Tradescantia occidentalis	ARPO, MISS, SACN
Commelinales	Commelinaceae	Tradescantia ohiensis	EFMO, GATE, GWCA, HEHO, INDU, OZAR, PERI, SACN, SLBE, TAPR, WEFA, WICR
Commelinales	Commelinaceae	Tradescantia ozarkana	BUFF
Commelinales	Commelinaceae	Tradescantia subaspera	INDU
Commelinales	Commelinaceae	Tradescantia tharpii	WICR
Commelinales	Commelinaceae	Tradescantia virginiana	GATE, HAFE, SLBE
Commelinales	Xyridaceae	Xyris caroliniana	ASIS, EFMO, INDU
Commelinales	Xyridaceae	Xyris difformis	ACAD
Commelinales	Xyridaceae	Xyris jupicai	COLO
Commelinales	Xyridaceae	Xyris montana	ACAD, APIS, ISRO
Commelinales	Xyridaceae	Xyris torta	ASIS, FIIS, INDU
Cornales	Cornaceae	Cornus alternifolia	ACAD, ANTI, APIS, CATO, CUVA, EFMO, HAFE, HOCU, INDU, ISRO, MABI, MIMA, MISS, OZAR, PIRO, PRWI, SACN, SAGA, SARA, SLBE, VOYA, WEFA
Cornales	Cornaceae	Cornus amomum	CATO, CUVA, EFMO, GATE, GEWA, GWCA, HAFE, HEHO, MABI, MANA, MIMA, MISS, MORR, OZAR, PRWI, SACN, SAGA, SAIR, SARA, WEFA
Cornales	Cornaceae	Cornus canadensis	ACAD, APIS, GRPO, INDU, ISRO, MABI, MIMA, MISS, PIRO, SACN, SLBE, VOYA
Cornales	Cornaceae	Cornus drummondii	ARPO, BUFF, CUVA, EFMO, GWCA, HOCU, HOME, OZAR, PERI, TAPR, WICR
Cornales	Cornaceae	Cornus florida	ANTI, ARPO, ASIS, BUFF, CATO, COLO, CUVA, EFMO, GATE, GEWA, GWCA, HAFE, HOCU, HOSP, INDU, LIBO, MANA, MIMA, MORR, OZAR, PERI, PRWI, SARA, THST, WEFA
Cornales	Cornaceae	Cornus foemina	COLO, EFMO, HEHO, HOME, MIMA, OZAR, SARA, WEFA
Cornales	Cornaceae	Cornus mas	GATE
Cornales	Cornaceae	Cornus obliqua	CUVA, HAFE, INDU, SLBE
Cornales	Cornaceae	Cornus racemosa	APIS, BUFF, CATO, CUVA, EFMO, GATE, HOME, INDU, MABI, MIMA, MISS, MORR, PIPE, SACN, SAGA, SARA, SLBE, VOYA, WEFA, WICR
Cornales	Cornaceae	Cornus rugosa	ACAD, APIS, CATO, CUVA, EFMO, GRPO, HEHO, INDU, ISRO, MABI, MIMA, MORR, SACN, SAGA, SARA, SLBE, VOYA
Cornales	Cornaceae	Cornus sericea	APIS, GATE, GRPO, HEHO, INDU, ISRO, LIBO, MABI, MIMA, MISS, PIPE, PIRO, SACN, SAGA, SARA, SLBE, VOYA, WEFA
Cornales	Nyssaceae	Nyssa biflora	ARPO, COLO
Cornales	Nyssaceae	Nyssa sylvatica	ANTI, ARPO, ASIS, BUFF, CATO, COLO, CUVA, FIIS, GATE, GEWA, GWCA, HAFE, HOSP, INDU, LIBO, MANA, MIMA, MORR, OZAR, PERI, PRWI, SARA, THST, WEFA
Cyperales	Cyperaceae	Bulbostylis capillaris	ACAD, ASIS, CATO, CUVA, GATE, INDU, MIMA, OZAR, PRWI, SACN, SAGA
Cyperales	Cyperaceae	Carex abscondita	COLO, SARA
Cyperales	Cyperaceae	Carex adusta	ACAD, APIS, VOYA
Cyperales	Cyperaceae	Carex aestivalis	CATO
Cyperales	Cyperaceae	Carex aggregata	ANTI, CUVA, HAFE, HOME, PRWI, WICR
Cyperales	Cyperaceae	Carex alata	COLO, CUVA, INDU
Cyperales	Cyperaceae	Carex albicans	ACAD, ANTI, ASIS, COLO, GEWA, HAFE, HOCU, HOSP, INDU, MANA, OZAR, PERI, PRWI, THST
Cyperales	Cyperaceae	Carex albolutescens	COLO, GATE, INDU, PRWI, THST
Cyperales	Cyperaceae	Carex albursina	BUFF, CATO, CUVA, EFMO, HOCU, INDU, MABI, MISS, OZAR, SACN, SLBE
Cyperales	Cyperaceae	Carex alopecoidea	MISS, SACN
Cyperales	Cyperaceae	Carex amphibola	ARPO, COLO, CUVA, EFMO, GWCA, HOCU, INDU, LIBO, MANA, MISS, PRWI, SACN, SARA, TAPR, THST, WICR

Cyperales	Cyperaceae	Carex annectens	ACAD, APIS, COLO, CUVA, GATE, GWCA, INDU, LIBO, MANA, OZAR, SARA, THST, WICR
Cyperales	Cyperaceae	Carex appalachica	ACAD, HAFE
Cyperales	Cyperaceae	Carex aquatilis	APIS, GRPO, INDU, ISRO, PIRO, SACN, SLBE, VOYA
Cyperales	Cyperaceae	Carex arcta	SACN, VOYA
Cyperales	Cyperaceae	Carex arctata	ACAD, APIS, CUVA, GRPO, ISRO, PIRO, SACN, SAGA, SARA, SLBE, VOYA
Cyperales	Cyperaceae	Carex argyrantha	ACAD, CATO, CUVA, HAFE, ISRO, MIMA
Cyperales	Cyperaceae	Carex assiniboinensis	MISS, SACN, VOYA
Cyperales	Cyperaceae	Carex atherodes	EFMO, GRPO, INDU, SLBE, VOYA
Cyperales	Cyperaceae	Carex atlantica	ACAD, CUVA, INDU, MIMA, PIRO, THST
Cyperales	Cyperaceae	Carex atratiformis	ISRO
Cyperales	Cyperaceae	Carex aurea	APIS, CUVA, GRPO, INDU, ISRO, PIRO, SLBE, VOYA
Cyperales	Cyperaceae	Carex backii	GRPO, MISS, PIRO, SACN
Cyperales	Cyperaceae	Carex baileyi	CATO, GATE, PRWI, SARA
Cyperales	Cyperaceae	Carex bebbii	APIS, CUVA, GATE, GRPO, INDU, ISRO, MISS, PIRO, SACN, SAGA, SLBE, VOYA
Cyperales	Cyperaceae	Carex bicknellii	INDU, MISS, SACN
Cyperales	Cyperaceae	Carex blanda	ANTI, BUFF, CATO, COLO, CUVA, EFMO, GEWA, GWCA, HOCU, HOME, HOSP, INDU, MABI, MANA, MIMA, MISS, MORR, OZAR, PERI, PIPE, PRWI, SACN, SLBE, TAPR, THST, WEFA, WICR
Cyperales	Cyperaceae	Carex brevior	EFMO, GRPO, GWCA, INDU, ISRO, MANA, MIMA, MISS, PERI, PIPE, SACN, TAPR, VOYA
Cyperales	Cyperaceae	Carex bromoides	APIS, COLO, CUVA, INDU, MIMA, SACN, SARA, WEFA
Cyperales	Cyperaceae	Carex brunnescens	ACAD, APIS, ISRO, PIRO, SACN, SLBE, VOYA
Cyperales	Cyperaceae	Carex bullata	COLO, MIMA
Cyperales	Cyperaceae	Carex bushii	GWCA, INDU, MANA, OZAR, PRWI, SARA, WICR
Cyperales	Cyperaceae	Carex buxbaumii	ACAD, APIS, INDU, ISRO, PIRO, SLBE
Cyperales	Cyperaceae	Carex canescens	ACAD, APIS, GRPO, INDU, ISRO, MIMA, PIRO, SACN, SLBE, VOYA
Cyperales	Cyperaceae	Carex capillaris	APIS, ISRO
Cyperales	Cyperaceae	Carex careyana	CUVA, HAFE, HOCU, INDU, OZAR
Cyperales	Cyperaceae	Carex caroliniana	CATO, COLO, MANA, PRWI
Cyperales	Cyperaceae	Carex castanea	APIS, GRPO, ISRO, PIRO, SLBE, VOYA
Cyperales	Cyperaceae	Carex cephaloidea	CUVA, MABI, SACN, SAGA
Cyperales	Cyperaceae	Carex cephalophora	ANTI, BUFF, CATO, COLO, CUVA, EFMO, GEWA, GWCA, INDU, MANA, MIMA, MISS, MORR, OZAR, PRWI, SACN, SARA, THST, WICR
Cyperales	Cyperaceae	Carex cherokeensis	ARPO, HOSP
Cyperales	Cyperaceae	Carex chordorrhiza	APIS, INDU, ISRO, VOYA
Cyperales	Cyperaceae	Carex communis	ACAD, ANTI, APIS, INDU, ISRO, MABI, MANA, PIRO, SAGA, SARA, SLBE
Cyperales	Cyperaceae	Carex comosa	APIS, COLO, CUVA, INDU, MISS, SACN, SLBE
Cyperales	Cyperaceae	Carex complanata	ANTI, COLO, CUVA, LIBO, MANA, PRWI, SARA, THST
Cyperales	Cyperaceae	Carex concinna	APIS, PIRO, SLBE
Cyperales	Cyperaceae	Carex conjuncta	ANTI, GWCA, HOME, WICR
Cyperales	Cyperaceae	Carex conoidea	ACAD, INDU, MISS, SACN
Cyperales	Cyperaceae	Carex crawei	BUFF, CUVA, INDU, SLBE
Cyperales	Cyperaceae	Carex crawfordii	ACAD, APIS, GRPO, ISRO, MISS, PIRO, SACN, SLBE, VOYA
Cyperales	Cyperaceae	Carex crinita	ACAD, APIS, CATO, COLO, CUVA, GEWA, GRPO, INDU, ISRO, MABI, MIMA, PIRO, PRWI, SACN, SAGA, SARA, SLBE, THST, VOYA, WEFA
Cyperales	Cyperaceae	Carex cristatella	APIS, CUVA, EFMO, INDU, ISRO, MISS, PIRO, SACN, SARA, SLBE, VOYA
Cyperales	Cyperaceae	Carex crus-corvi	ARPO
Cyperales	Cyperaceae	Carex cryptolepis	ACAD, APIS, ISRO, PIRO, SACN, VOYA
Cyperales	Cyperaceae	Carex cumulata	ACAD, SLBE
Cyperales	Cyperaceae	Carex davisii	EFMO, GWCA, HOCU, SARA, TAPR, WICR
Cyperales	Cyperaceae	Carex debilis	ACAD, APIS, CATO, COLO, CUVA, INDU, MABI, MIMA, MORR, PIRO, PRWI, SAGA, SARA, THST, WEFA
Cyperales	Cyperaceae	Carex decomposita	OZAR
Cyperales	Cyperaceae	Carex deflexa	ACAD, APIS, ISRO, PIRO, VOYA
Cyperales	Cyperaceae	Carex deweyana	ACAD, APIS, GRPO, ISRO, PIRO, SACN, SAGA, SARA, SLBE, VOYA
Cyperales	Cyperaceae	Carex diandra	APIS, ISRO, MISS, PIRO, SACN, SLBE, VOYA
Cyperales	Cyperaceae	Carex digitalis	ANTI, BUFF, COLO, CUVA, INDU, MANA, MORR, OZAR, PERI, PRWI, THST, WEFA, WICR
Cyperales	Cyperaceae	Carex disperma	ACAD, APIS, GRPO, ISRO, MABI, PIRO, SACN, SLBE, VOYA
Cyperales	Cyperaceae	Carex divisa	COLO
Cyperales	Cyperaceae	Carex duriuscula	PIPE
Cyperales	Cyperaceae	Carex ebenea	EFMO
Cyperales	Cyperaceae	Carex eburnea	APIS, BUFF, CUVA, EFMO, INDU, ISRO, MISS, OZAR, PIRO, SACN, SLBE
Cyperales	Cyperaceae	Carex echinata	ACAD, APIS, GRPO, ISRO, MIMA, PIRO, SACN, VOYA
Cyperales	Cyperaceae	Carex emoryi	APIS, CUVA, EFMO, INDU, MISS, PIPE, SACN, TAPR
Cyperales	Cyperaceae	Carex exilis	ACAD, APIS, ISRO
Cyperales	Cyperaceae	Carex extensa	ASIS
Cyperales	Cyperaceae	Carex festucacea	COLO, CUVA, GWCA, HOCU, INDU, MANA, PRWI, SARA
Cyperales	Cyperaceae	Carex flaccosperma	ANTI, ARPO, CUVA, HAFE, HOCU, MANA
Cyperales	Cyperaceae	Carex flava	ACAD, GATE, INDU, ISRO, MABI, MIMA, PIRO, SAGA, SARA, SLBE
Cyperales	Cyperaceae	Carex foenea	ACAD, APIS, CATO, GRPO, INDU, ISRO, MISS, VOYA
Cyperales	Cyperaceae	Carex folliculata	ACAD, CATO, INDU, ISRO, MIMA

Cyperales	Cyperaceae	Carex formosa	MISS, SARA
Cyperales	Cyperaceae	Carex frankii	ARPO, BUFF, CATO, COLO, CUVA, GWCA, HOSP, MANA, PERI, PRWI, TAPR, WICR
Cyperales	Cyperaceae	Carex garberi	GRPO, INDU, ISRO, PIRO, SLBE
Cyperales	Cyperaceae	Carex gigantea	COLO
Cyperales	Cyperaceae	Carex glaucescens	COLO
Cyperales	Cyperaceae	Carex glaucodea	ANTI, CATO, INDU, OZAR, PERI, PRWI, THST
Cyperales	Cyperaceae	Carex gracilescens	CATO, CUVA, INDU, MANA, PRWI
Cyperales	Cyperaceae	Carex gracillima	ACAD, APIS, CATO, COLO, CUVA, EFMO, GRPO, HOCU, INDU, ISRO, MIMA, MISS, PIRO, PRWI, SACN, SARA, SLBE, VOYA, WEFA
Cyperales	Cyperaceae	Carex granularis	BUFF, COLO, CUVA, GWCA, INDU, MANA, MISS, OZAR, PIPE, SACN, SARA, SLBE, WICR
Cyperales	Cyperaceae	Carex gravida	CUVA, GWCA, MISS, PIPE, SACN, TAPR, WICR
Cyperales	Cyperaceae	Carex grayi	COLO, CUVA, EFMO, INDU, LIBO, MANA, SARA
Cyperales	Cyperaceae	Carex gynandra	ACAD, APIS, CATO, MABI, MIMA, PIRO, PRWI, SARA
Cyperales	Cyperaceae	Carex gynocrates	ACAD, ISRO, PIRO, VOYA
Cyperales	Cyperaceae	Carex haydenii	INDU, MISS, SACN, VOYA
Cyperales	Cyperaceae	Carex hirsutella	ANTI, CATO, COLO, CUVA, GWCA, HOSP, INDU, OZAR, PERI, PRWI, SARA, THST, WICR
Cyperales	Cyperaceae	Carex hirta	VOYA
Cyperales	Cyperaceae	Carex hirtifolia	CUVA, EFMO, HOCU, INDU, MISS, PRWI, SACN, SARA, WEFA
Cyperales	Cyperaceae	Carex hitchcockiana	ANTI, BUFF, EFMO, INDU, MISS, SLBE
Cyperales	Cyperaceae	Carex hormathodes	ACAD, ASIS
Cyperales	Cyperaceae	Carex houghtoniana	ACAD, APIS, GATE, GRPO, ISRO, PIRO, VOYA
Cyperales	Cyperaceae	Carex hyalinolepis	COLO
Cyperales	Cyperaceae	Carex hystericina	APIS, CUVA, INDU, ISRO, MISS, OZAR, PIRO, SACN, SLBE, TAPR
Cyperales	Cyperaceae	Carex inops	PIPE, SACN
Cyperales	Cyperaceae	Carex interior	CUVA, INDU, ISRO, MABI, MISS, PIPE, PIRO, SACN, SAGA, SARA, SLBE, VOYA
Cyperales	Cyperaceae	Carex intumescens	ACAD, APIS, CATO, COLO, CUVA, GRPO, INDU, ISRO, MABI, MANA, MIMA, MORR, PIRO, PRWI, SACN, SARA, SLBE, THST, VOYA, WEFA
Cyperales	Cyperaceae	Carex jamesii	ANTI, BUFF, CUVA, GWCA, HOCU, INDU, MANA, OZAR, PERI, WICR
Cyperales	Cyperaceae	Carex joorii	COLO
Cyperales	Cyperaceae	Carex kobomugi	ASIS, GATE
Cyperales	Cyperaceae	Carex kraliana	PRWI, THST
Cyperales	Cyperaceae	Carex lacustris	ACAD, APIS, CUVA, EFMO, GRPO, INDU, ISRO, MISS, PIRO, SACN, SAGA, SLBE, VOYA
Cyperales	Cyperaceae	Carex laeviconica	MISS, SACN
Cyperales	Cyperaceae	Carex laevivaginata	CATO, COLO, CUVA, INDU, MANA, PRWI, SARA, SLBE, THST
Cyperales	Cyperaceae	Carex lasiocarpa	ACAD, APIS, CATO, EFMO, INDU, ISRO, MABI, MIMA, PIRO, SACN, SARA, SLBE, VOYA
Cyperales	Cyperaceae	Carex laxiculmis	CATO, COLO, CUVA, HOCU, INDU, MORR, PERI, PRWI, SARA, THST, WEFA
Cyperales	Cyperaceae	Carex laxiflora	ACAD, ANTI, ASIS, CATO, COLO, CUVA, GEWA, INDU, MANA, MIMA, PRWI, SAGA, SARA, SLBE, THST, WEFA
Cyperales	Cyperaceae	Carex leavenworthii	COLO, GWCA, PERI, WICR
Cyperales	Cyperaceae	Carex lenticularis	ACAD, APIS, ISRO, PIRO, VOYA
Cyperales	Cyperaceae	Carex leptalea	ACAD, APIS, CATO, CUVA, GRPO, INDU, ISRO, PIRO, PRWI, SACN, SLBE, VOYA
Cyperales	Cyperaceae	Carex leptonervia	ACAD, APIS, CUVA, GRPO, INDU, ISRO, PIRO, SACN, SLBE, VOYA
Cyperales	Cyperaceae	Carex limosa	ACAD, APIS, INDU, ISRO, PIRO, SACN, SLBE, VOYA
Cyperales	Cyperaceae	Carex livida	APIS, ISRO, PRWI, VOYA
Cyperales	Cyperaceae	Carex longii	ASIS, COLO, INDU, THST
Cyperales	Cyperaceae	Carex louisianica	MANA
Cyperales	Cyperaceae	Carex lucorum	ACAD, PIRO
Cyperales	Cyperaceae	Carex lupulina	APIS, COLO, CUVA, EFMO, INDU, MANA, MIMA, OZAR, PIRO, PRWI, SACN, SAGA, SAIR, SARA, SLBE, WEFA
Cyperales	Cyperaceae	Carex lurida	ACAD, ASIS, CATO, COLO, CUVA, GEWA, GWCA, INDU, MABI, MANA, MIMA, MORR, OZAR, PRWI, SARA, THST, WEFA
Cyperales	Cyperaceae	Carex magellanica	ACAD, APIS, ISRO, PIRO, SACN, VOYA
Cyperales	Cyperaceae	Carex meadii	MANA, OZAR, PIPE, SACN, TAPR
Cyperales	Cyperaceae	Carex merritt-fernaldii	APIS, ISRO, SACN, SAGA, VOYA
Cyperales	Cyperaceae	Carex mesochorea	BUFF, EFMO, WICR
Cyperales	Cyperaceae	Carex michauxiana	APIS, ISRO
Cyperales	Cyperaceae	Carex molesta	ANTI, BUFF, CUVA, GWCA, HEHO, PIPE, WICR
Cyperales	Cyperaceae	Carex muehlenbergii	ANTI, ASIS, CATO, COLO, CUVA, EFMO, GATE, GWCA, HOSP, MANA, MISS, OZAR, PERI, SACN, SAGA, SARA, SLBE, TAPR, WICR
Cyperales	Cyperaceae	Carex muricata	CATO, VOYA
Cyperales	Cyperaceae	Carex muskingumensis	SACN
Cyperales	Cyperaceae	Carex nigra	ACAD, MIMA
Cyperales	Cyperaceae	Carex nigromarginata	COLO, HAFE, HOSP, MANA
Cyperales	Cyperaceae	Carex normalis	ACAD, ANTI, CATO, COLO, CUVA, EFMO, HEHO, INDU, MANA, MIMA, SACN
Cyperales	Cyperaceae	Carex norvegica	GRPO, ISRO
Cyperales	Cyperaceae	Carex novae-angliae	ACAD
Cyperales	Cyperaceae	Carex oligocarpa	ANTI, BUFF, INDU, MANA, MISS, OZAR, SACN, SLBE, WICR
Cyperales	Cyperaceae	Carex oligosperma	ACAD, APIS, INDU, ISRO, PIRO, SACN, SLBE, VOYA

Cyperales	Cyperaceae	Carex ormostachya	ACAD, APIS
Cyperales	Cyperaceae	Carex ovalis	ACAD, APIS
Cyperales	Cyperaceae	Carex oxylepis	ARPO, COLO, HOSP
Cyperales	Cyperaceae	Carex paleacea	ACAD
Cyperales	Cyperaceae	Carex pallescens	ACAD, APIS, MABI, MIMA, SAGA, SARA, SLBE
Cyperales	Cyperaceae	Carex panicea	MIMA
Cyperales	Cyperaceae	Carex pauciflora	ACAD, APIS, ISRO, PIRO, SACN, SLBE, VOYA
Cyperales	Cyperaceae	Carex peckii	APIS, GRPO, ISRO, MISS, PIRO, SACN, VOYA
Cyperales	Cyperaceae	Carex pedunculata	ACAD, APIS, CUVA, GRPO, INDU, ISRO, MISS, PIRO, SACN, SAGA, SARA, SLBE, VOYA
Cyperales	Cyperaceae	Carex pellita	APIS, CUVA, GRPO, INDU, MANA, MIMA, MISS, PIPE, SACN, SARA, SLBE, VOYA
Cyperales	Cyperaceae	Carex pensylvanica	ANTI, APIS, CATO, COLO, CUVA, EFMO, FIIS, GATE, HOME, INDU, MABI, MANA, MIMA, MISS, MORR, PIRO, PRWI, SACN, SAGA, SARA, SLBE, VOYA, WEFA
Cyperales	Cyperaceae	Carex planispicata	BUFF, OZAR
Cyperales	Cyperaceae	Carex plantaginea	CUVA, EFMO, MABI, MIMA, MISS, PIRO, SAGA, SLBE
Cyperales	Cyperaceae	Carex platyphylla	ANTI, CATO, CUVA, MABI, MANA, PRWI, SAGA, SARA, SLBE
Cyperales	Cyperaceae	Carex praegracilis	SACN
Cyperales	Cyperaceae	Carex prairea	INDU, MISS, SACN
Cyperales	Cyperaceae	Carex prasina	APIS, CATO, CUVA, INDU, MABI, PRWI, SACN, SARA, THST
Cyperales	Cyperaceae	Carex projecta	ACAD, APIS, GRPO, INDU, ISRO, PIRO, SACN, SARA, SLBE, VOYA
Cyperales	Cyperaceae	Carex pseudocyperus	ACAD, APIS, MIMA, MISS, PIRO, SACN, SAGA, SARA, SLBE
Cyperales	Cyperaceae	Carex radiata	ACAD, ANTI, APIS, CUVA, INDU, MANA, MISS, OZAR, PIRO, PRWI, SACN, SARA, THST
Cyperales	Cyperaceae	Carex recta	ACAD
Cyperales	Cyperaceae	Carex retroflexa	ANTI, BUFF, CATO, COLO, GEWA, GWCA, HOCU, OZAR, PERI, WICR
Cyperales	Cyperaceae	Carex retrorsa	APIS, EFMO, GRPO, ISRO, MABI, MISS, PIPE, PIRO, SACN, SAGA, SLBE, VOYA
Cyperales	Cyperaceae	Carex richardsonii	SACN
Cyperales	Cyperaceae	Carex rosea	ACAD, ANTI, APIS, BUFF, CATO, COLO, CUVA, EFMO, GWCA, HOCU, INDU, MABI, MANA, MIMA, MISS, OZAR, PIRO, PRWI, SACN, SAGA, SARA, SLBE, VOYA, WEFA
Cyperales	Cyperaceae	Carex rostrata	APIS, CUVA, ISRO, MIMA, PIRO, SLBE, VOYA
Cyperales	Cyperaceae	Carex sartwellii	INDU, MISS, PIPE, SACN
Cyperales	Cyperaceae	Carex saximontana	PIPE
Cyperales	Cyperaceae	Carex scabrata	ACAD, APIS, CATO, CUVA, MABI, MIMA, PIRO, SAGA, SLBE
Cyperales	Cyperaceae	Carex scoparia	ACAD, APIS, CATO, CUVA, GATE, GRPO, GWCA, INDU, ISRO, MANA, MIMA, MISS, PIRO, PRWI, SACN, SARA, SLBE, THST, VOYA
Cyperales	Cyperaceae	Carex seorsa	INDU, THST
Cyperales	Cyperaceae	Carex shortiana	BUFF, GWCA, HOCU, WICR
Cyperales	Cyperaceae	Carex silicea	ACAD, ASIS, FIIS, GATE
Cyperales	Cyperaceae	Carex sparganioides	ANTI, CUVA, EFMO, HOME, INDU, MABI, MISS, SACN, SLBE
Cyperales	Cyperaceae	Carex spicata	ANTI, MIMA
Cyperales	Cyperaceae	Carex sprengelii	EFMO, HOME, MABI, MISS, PIPE, SACN, SAGA, SARA, VOYA
Cyperales	Cyperaceae	Carex squarrosa	COLO, HOCU, INDU, LIBO, MANA, PRWI, SARA, THST
Cyperales	Cyperaceae	Carex sterilis	APIS, INDU, MISS, PIRO
Cyperales	Cyperaceae	Carex stipata	ACAD, ANTI, APIS, CATO, COLO, CUVA, EFMO, GEWA, GRPO, HOCU, HOME, INDU, ISRO, MABI, MANA, MIMA, MISS, PIRO, PRWI, SACN, SARA, SLBE, VOYA, WEFA, WICR
Cyperales	Cyperaceae	Carex straminea	GATE
Cyperales	Cyperaceae	Carex striata	COLO
Cyperales	Cyperaceae	Carex striatula	CATO, COLO
Cyperales	Cyperaceae	Carex stricta	ACAD, APIS, CATO, CUVA, EFMO, GATE, INDU, ISRO, MANA, MIMA, MISS, OZAR, PIPE, PIRO, PRWI, SACN, SARA, SLBE, VOYA, WEFA
Cyperales	Cyperaceae	Carex styloflexa	COLO, PRWI, THST
Cyperales	Cyperaceae	Carex suberecta	INDU
Cyperales	Cyperaceae	Carex swanii	ANTI, ASIS, CATO, COLO, GEWA, HOSP, INDU, MANA, MIMA, MORR, PRWI, SARA, THST
Cyperales	Cyperaceae	Carex sychnocephala	SACN, VOYA
Cyperales	Cyperaceae	Carex tenera	ACAD, APIS, CUVA, GRPO, INDU, MABI, MIMA, MISS, SACN, SARA, VOYA
Cyperales	Cyperaceae	Carex tenuiflora	ISRO, VOYA
Cyperales	Cyperaceae	Carex tetanica	COLO, CUVA, INDU, ISRO, MISS, PIPE, SACN
Cyperales	Cyperaceae	Carex texensis	GWCA, WICR
Cyperales	Cyperaceae	Carex tonsa	ACAD, APIS, HAFE, INDU, ISRO, MANA, PIRO, SACN, SLBE, VOYA
Cyperales	Cyperaceae	Carex torreyi	SACN
Cyperales	Cyperaceae	Carex torta	ACAD, CATO, CUVA, OZAR, PIPE, SAGA
Cyperales	Cyperaceae	Carex tribuloides	ANTI, ARPO, CATO, COLO, CUVA, FIIS, GRPO, INDU, MABI, MANA, PRWI, SACN, SARA, SLBE, THST
Cyperales	Cyperaceae	Carex trichocarpa	COLO, CUVA, MISS, SARA
Cyperales	Cyperaceae	Carex trisperma	ACAD, APIS, GRPO, INDU, ISRO, MABI, MIMA, PIRO, SACN, SLBE, VOYA
Cyperales	Cyperaceae	Carex tuckermanii	APIS, GRPO, PIRO, SACN, SARA, SLBE, VOYA
Cyperales	Cyperaceae	Carex typhina	COLO, EFMO, INDU, MANA, SACN
Cyperales	Cyperaceae	Carex umbellata	ACAD, ANTI, BUFF, CUVA, GRPO, HAFE, INDU, ISRO, MIMA, MISS, OZAR, PIRO, PRWI, SACN, SAGA, SARA, VOYA

Cyperales	Cyperaceae	Carex utriculata	ACAD, APIS, GRPO, SACN
Cyperales	Cyperaceae	Carex vacillans	ACAD
Cyperales	Cyperaceae	Carex vaginata	ISRO, PIRO
Cyperales	Cyperaceae	Carex vesicaria	ACAD, APIS, GRPO, INDU, ISRO, MIMA, PIRO, SACN, SARA, VOYA
Cyperales	Cyperaceae	Carex vestita	MIMA, PRWI
Cyperales	Cyperaceae	Carex virescens	CATO, COLO, CUVA, HAFE, INDU, MIMA, WEFA
Cyperales	Cyperaceae	Carex viridula	ACAD, APIS, INDU, ISRO, PIRO, SACN, SLBE, VOYA
Cyperales	Cyperaceae	Carex vulpinoidea	ACAD, APIS, ARPO, CATO, COLO, CUVA, EFMO, GATE, GEWA, GWCA, HOCU, INDU, ISRO, MANA, MIMA, MISS, PIPE, PRWI, SACN, SAGA, SAIR, SARA, SLBE, TAPR, THST, VOYA, WEFA, WICR
Cyperales	Cyperaceae	Carex wiegandii	ACAD
Cyperales	Cyperaceae	Carex willdenowii	ANTI, BUFF, CUVA, MANA, PRWI, THST
Cyperales	Cyperaceae	Carex woodii	CUVA, SACN
Cyperales	Cyperaceae	Cladium mariscoides	ACAD, APIS, ASIS, FIIS, INDU, ISRO, MISS, PIRO, SACN, SLBE
Cyperales	Cyperaceae	Cyperus acuminatus	GWCA, PIPE
Cyperales	Cyperaceae	Cyperus amuricus	GATE
Cyperales	Cyperaceae	Cyperus bipartitus	CUVA, INDU, MISS, OZAR, SACN, SLBE
Cyperales	Cyperaceae	Cyperus compressus	GWCA
Cyperales	Cyperaceae	Cyperus croceus	COLO
Cyperales	Cyperaceae	Cyperus diandrus	GATE, INDU, MISS, SACN
Cyperales	Cyperaceae	Cyperus difformis	GATE
Cyperales	Cyperaceae	Cyperus echinatus	ANTI, COLO, GEWA, GWCA, HOSP, MANA, PERI, PRWI, THST
Cyperales	Cyperaceae	Cyperus erythrorhizos	ASIS, COLO, HAFE, INDU, MISS, SACN, SARA
Cyperales	Cyperaceae	Cyperus esculentus	ANTI, ARPO, ASIS, CUVA, EFMO, GATE, GEWA, GWCA, HOCU, HOME, INDU, MIMA, MISS, OZAR, PRWI, SACN, SARA, SLBE, TAPR
Cyperales	Cyperaceae	Cyperus filicinus	ASIS, COLO, GATE, GEWA
Cyperales	Cyperaceae	Cyperus flavescens	ASIS, COLO, PRWI
Cyperales	Cyperaceae	Cyperus flavicomus	COLO
Cyperales	Cyperaceae	Cyperus grayi	ASIS, COLO, FIIS, GATE
Cyperales	Cyperaceae	Cyperus houghtonii	GATE, INDU, SACN, SLBE
Cyperales	Cyperaceae	Cyperus iria	GATE, PRWI
Cyperales	Cyperaceae	Cyperus lancastriensis	COLO, GEWA, GWCA, MANA, PRWI, THST
Cyperales	Cyperaceae	Cyperus lupulinus	BUFF, COLO, GATE, GWCA, HOSP, INDU, MIMA, MISS, OZAR, PRWI, SACN, SAGA, SARA, SLBE, TAPR, THST
Cyperales	Cyperaceae	Cyperus odoratus	ASIS, COLO, GEWA, INDU, MANA, MISS, SACN, TAPR, WEFA
Cyperales	Cyperaceae	Cyperus polystachyos	COLO, GATE, SARA
Cyperales	Cyperaceae	Cyperus pseudovegetus	ARPO, COLO, GEWA, GWCA
Cyperales	Cyperaceae	Cyperus refractus	OZAR
Cyperales	Cyperaceae	Cyperus retrofractus	COLO
Cyperales	Cyperaceae	Cyperus retrorsus	ASIS, COLO, GATE
Cyperales	Cyperaceae	Cyperus schweinitzii	APIS, GATE, INDU, MISS, SACN, SLBE
Cyperales	Cyperaceae	Cyperus setigerus	TAPR
Cyperales	Cyperaceae	Cyperus squarrosus	GWCA, HAFE, INDU, MISS, OZAR, PIPE, SACN, VOYA
Cyperales	Cyperaceae	Cyperus strigosus	ANTI, ARPO, ASIS, CATO, COLO, CUVA, FIIS, GATE, GEWA, GWCA, HOSP, INDU, LIBO, MANA, MIMA, MISS, OZAR, PERI, PIPE, PRWI, SACN, SAGA, SARA, TAPR, THST, VOYA
Cyperales	Cyperaceae	Dulichium arundinaceum	ACAD, APIS, COLO, GRPO, INDU, ISRO, MABI, MIMA, PIRO, PRWI, SACN, SAGA, SARA, SLBE, VOYA
Cyperales	Cyperaceae	Eleocharis acicularis	ACAD, APIS, CUVA, EFMO, GEWA, GRPO, GWCA, INDU, ISRO, MIMA, MISS, OZAR, PERI, PIPE, SACN, SARA, VOYA
Cyperales	Cyperaceae	Eleocharis acutisquamata	PIPE
Cyperales	Cyperaceae	Eleocharis aestuum	ACAD
Cyperales	Cyperaceae	Eleocharis albida	ASIS
Cyperales	Cyperaceae	Eleocharis cancellata	EFMO
Cyperales	Cyperaceae	Eleocharis compressa	HAFE, INDU, MISS, OZAR, TAPR
Cyperales	Cyperaceae	Eleocharis elliptica	ACAD, APIS, INDU, ISRO, PIRO, SARA, SLBE, VOYA
Cyperales	Cyperaceae	Eleocharis engelmannii	COLO, INDU, PIPE, THST
Cyperales	Cyperaceae	Eleocharis erythropoda	APIS, GWCA, INDU, OZAR, PIPE, SACN, SLBE
Cyperales	Cyperaceae	Eleocharis fallax	COLO
Cyperales	Cyperaceae	Eleocharis geniculata	INDU
Cyperales	Cyperaceae	Eleocharis halophila	ASIS, GATE
Cyperales	Cyperaceae	Eleocharis intermedia	INDU, MIMA, MISS, PIRO, SACN, SARA
Cyperales	Cyperaceae	Eleocharis lanceolata	GWCA, PERI
Cyperales	Cyperaceae	Eleocharis melanocarpa	INDU
Cyperales	Cyperaceae	Eleocharis microcarpa	INDU
Cyperales	Cyperaceae	Eleocharis obtusa	ACAD, APIS, ASIS, BUFF, CATO, COLO, GATE, GEWA, GRPO, INDU, LIBO, MANA, MIMA, PERI, PIPE, PIRO, PRWI, SACN, SAGA, SARA, TAPR, VOYA
Cyperales	Cyperaceae	Eleocharis olivacea	ASIS, GRPO, INDU
Cyperales	Cyperaceae	Eleocharis ovata	CUVA, GWCA, HOCU, ISRO, MIMA, OZAR, PIRO, SACN, SARA, THST, VOYA
Cyperales	Cyperaceae	Eleocharis palustris	ACAD, APIS, ASIS, COLO, CUVA, EFMO, GRPO, GWCA, INDU, ISRO, MISS, OZAR, PIPE, PIRO, SACN, SARA, SLBE, TAPR, VOYA
Cyperales	Cyperaceae	Eleocharis parvula	ASIS, COLO, EFMO, GATE, GEWA
Cyperales	Cyperaceae	Eleocharis quadrangulata	ASIS
Cyperales	Cyperaceae	Eleocharis quinqueflora	EFMO, INDU, ISRO, MISS, SLBE

Cyperales	Cyperaceae	Eleocharis robbinsii	ACAD, APIS
Cyperales	Cyperaceae	Eleocharis rostellata	ASIS, COLO, FIIS, INDU, MISS, SLBE
Cyperales	Cyperaceae	Eleocharis tenuis	ACAD, CATO, COLO, GWCA, INDU, ISRO, MANA, MIMA, MISS, PRWI, THST
Cyperales	Cyperaceae	Eleocharis tuberculosa	ASIS, COLO
Cyperales	Cyperaceae	Eleocharis uniglumis	ACAD
Cyperales	Cyperaceae	Eleocharis wolfii	INDU
Cyperales	Cyperaceae	Eriophorum angustifolium	ACAD, APIS, INDU, ISRO, MISS, PIPE, PIRO, SACN, VOYA
Cyperales	Cyperaceae	Eriophorum chamissonis	APIS, VOYA
Cyperales	Cyperaceae	Eriophorum gracile	APIS, ISRO, PIRO, VOYA
Cyperales	Cyperaceae	Eriophorum tenellum	ACAD, APIS, ISRO, PIRO, VOYA
Cyperales	Cyperaceae	Eriophorum vaginatum	ACAD, APIS, INDU, ISRO, PIRO, SACN, SLBE, VOYA
Cyperales	Cyperaceae	Eriophorum virginicum	ACAD, APIS, INDU, MIMA, SACN, SLBE, VOYA
Cyperales	Cyperaceae	Eriophorum viridicarinatum	ACAD, ISRO, PIRO, SACN, SLBE, VOYA
Cyperales	Cyperaceae	Fimbristylis autumnalis	ASIS, COLO, FIIS, GATE, GWCA, INDU, LIBO, SACN, VOYA
Cyperales	Cyperaceae	Fimbristylis caroliniana	ASIS
Cyperales	Cyperaceae	Fimbristylis castanea	ASIS
Cyperales	Cyperaceae	Fimbristylis dichotoma	ARPO
Cyperales	Cyperaceae	Fimbristylis perpusilla	COLO
Cyperales	Cyperaceae	Fimbristylis puberula	BUFF, INDU
Cyperales	Cyperaceae	Fimbristylis thermalis	COLO
Cyperales	Cyperaceae	Fuirena pumila	ASIS, INDU
Cyperales	Cyperaceae	Fuirena simplex	OZAR, TAPR
Cyperales	Cyperaceae	Kyllinga brevifolia	PRWI
Cyperales	Cyperaceae	Kyllinga gracillima	ASIS, COLO, PRWI
Cyperales	Cyperaceae	Kyllinga pumila	MANA, PRWI
Cyperales	Cyperaceae	Lipocarpha drummondii	INDU, SACN
Cyperales	Cyperaceae	Lipocarpha micrantha	EFMO, INDU, MISS, OZAR, VOYA
Cyperales	Cyperaceae	Rhynchospora alba	ACAD, APIS, FIIS, INDU, ISRO, PIRO, SLBE
Cyperales	Cyperaceae	Rhynchospora caduca	COLO
Cyperales	Cyperaceae	Rhynchospora capillacea	INDU, OZAR, SLBE
Cyperales	Cyperaceae	Rhynchospora capitellata	ACAD, ASIS, COLO, FIIS, GATE, INDU, MIMA, PRWI, SACN, THST
Cyperales	Cyperaceae	Rhynchospora chalarocephala	COLO
Cyperales	Cyperaceae	Rhynchospora corniculata	ARPO, COLO
Cyperales	Cyperaceae	Rhynchospora fusca	ACAD, APIS, ISRO, PIRO
Cyperales	Cyperaceae	Rhynchospora globularis	INDU
Cyperales	Cyperaceae	Rhynchospora glomerata	COLO, GATE
Cyperales	Cyperaceae	Rhynchospora gracilenta	ASIS
Cyperales	Cyperaceae	Rhynchospora harveyi	BUFF
Cyperales	Cyperaceae	Rhynchospora inexpansa	COLO
Cyperales	Cyperaceae	Rhynchospora inundata	ASIS
Cyperales	Cyperaceae	Rhynchospora macrostachya	INDU
Cyperales	Cyperaceae	Rhynchospora nitens	INDU
Cyperales	Cyperaceae	Rhynchospora scirpoides	INDU
Cyperales	Cyperaceae	Schoenoplectus acutus	ACAD, APIS, INDU, ISRO, PIPE, PIRO, SACN, SAIR, SARA, SLBE, VOYA
Cyperales	Cyperaceae	Schoenoplectus americanus	EFMO, FIIS, GEWA, INDU, PRWI, SLBE
Cyperales	Cyperaceae	Schoenoplectus fluviatilis	CUVA, INDU, MIMA, MISS, PIPE, SACN, VOYA
Cyperales	Cyperaceae	Schoenoplectus hallii	INDU
Cyperales	Cyperaceae	Schoenoplectus heterochaetus	VOYA
Cyperales	Cyperaceae	Schoenoplectus maritimus	ACAD, FIIS, PIPE
Cyperales	Cyperaceae	Schoenoplectus novae-angliae	COLO
Cyperales	Cyperaceae	Schoenoplectus pungens	ACAD, APIS, COLO, CUVA, GATE, OZAR, PIRO
Cyperales	Cyperaceae	Schoenoplectus purshianus	INDU, PRWI, SACN
Cyperales	Cyperaceae	Schoenoplectus robustus	ASIS, COLO, GEWA
Cyperales	Cyperaceae	Schoenoplectus smithii	INDU
Cyperales	Cyperaceae	Schoenoplectus subterminalis	ACAD, APIS, ISRO, SLBE, VOYA
Cyperales	Cyperaceae	Schoenoplectus tabernaemontani	ACAD, APIS, COLO, CUVA, GATE, GRPO, INDU, ISRO, MANA, MISS, PIPE, PIRO, SACN, SAGA, SARA, SLBE, TAPR, VOYA, WEFA
Cyperales	Cyperaceae	Schoenoplectus torreyi	APIS, GATE
Cyperales	Cyperaceae	Scirpus americanus	ASIS, COLO, CUVA, EFMO, GATE
Cyperales	Cyperaceae	Scirpus atrocinctus	ACAD, APIS, GRPO, ISRO, SACN
Cyperales	Cyperaceae	Scirpus atrovirens	ACAD, APIS, BUFF, COLO, CUVA, EFMO, GRPO, HOCU, INDU, ISRO, LIBO, MABI, MANA, MIMA, MISS, OZAR, PIRO, PRWI, SACN, SAGA, SARA, SLBE, TAPR, VOYA
Cyperales	Cyperaceae	Scirpus cyperinus	ACAD, APIS, ASIS, CATO, CUVA, FIIS, GATE, GEWA, GRPO, GWCA, INDU, ISRO, MABI, MANA, MIMA, MISS, PIRO, PRWI, SACN, SAGA, SARA, SLBE, THST, VOYA, WEFA
Cyperales	Cyperaceae	Scirpus georgianus	MANA, PRWI, SACN, THST
Cyperales	Cyperaceae	Scirpus hattorianus	ACAD, SACN, SARA
Cyperales	Cyperaceae	Scirpus lineatus	COLO, CUVA
Cyperales	Cyperaceae	Scirpus microcarpus	ACAD, APIS, GRPO, ISRO, MABI, PIRO, SACN, SARA, SLBE, VOYA, WEFA
Cyperales	Cyperaceae	Scirpus pallidus	TAPR
Cyperales	Cyperaceae	Scirpus pedicellatus	ACAD, APIS, SACN
Cyperales	Cyperaceae	Scirpus pendulus	CUVA, GWCA, HOCU, INDU, MANA, OZAR, SARA, TAPR

Cyperales	Cyperaceae	Scirpus polyphyllus	CATO, COLO, CUVA, INDU, PRWI, THST
Cyperales	Cyperaceae	Scleria ciliata	OZAR
Cyperales	Cyperaceae	Scleria muehlenbergii	INDU
Cyperales	Cyperaceae	Scleria oligantha	BUFF, COLO, HOSP, PRWI
Cyperales	Cyperaceae	Scleria pauciflora	GWCA, INDU, MANA, OZAR
Cyperales	Cyperaceae	Scleria reticularis	INDU
Cyperales	Cyperaceae	Scleria triglomerata	INDU, MISS, OZAR, WICR
Cyperales	Cyperaceae	Scleria verticillata	ASIS, INDU, MISS, OZAR
Cyperales	Cyperaceae	Trichophorum alpinum	ACAD, APIS, ISRO, PIRO
Cyperales	Cyperaceae	Trichophorum caespitosum	ACAD, ISRO, MISS, PIRO
Cyperales	Cyperaceae	Trichophorum clintonii	MISS
Cyperales	Cyperaceae	Trichophorum planifolium	CATO, OZAR, PRWI
Cyperales	Poaceae	Aegilops cylindrica	TAPR, WICR
Cyperales	Poaceae	Agropyron cristatum	INDU, PIPE
Cyperales	Poaceae	Agropyron desertorum	INDU
Cyperales	Poaceae	Agrostis canina	ACAD, CATO, MIMA
Cyperales	Poaceae	Agrostis capillaris	ACAD, CATO, GATE, GEWA, HAFE, MIMA, SAIR, SLBE, VOYA
Cyperales	Poaceae	Agrostis elliottiana	MANA, OZAR
Cyperales	Poaceae	Agrostis gigantea	ACAD, APIS, CUVA, EFMO, GATE, INDU, ISRO, MIMA, OZAR, PIPE, PIRO, PRWI, SACN, SLBE, VOYA, WICR
Cyperales	Poaceae	Agrostis hyemalis	APIS, ARPO, BUFF, CATO, COLO, CUVA, GATE, GRPO, GWCA, HOCU, HOME, INDU, ISRO, MANA, MIMA, MISS, PIPE, PIRO, PRWI, SACN, SLBE, TAPR, VOYA
Cyperales	Poaceae	Agrostis perennans	ACAD, APIS, ARPO, ASIS, CATO, COLO, CUVA, GATE, GEWA, GRPO, HOSP, INDU, MABI, MANA, MIMA, OZAR, PERI, PIRO, PRWI, SACN, SAGA, SARA, VOYA
Cyperales	Poaceae	Agrostis scabra	ACAD, APIS, ASIS, CUVA, GRPO, INDU, PIPE, SAGA, SARA, VOYA
Cyperales	Poaceae	Agrostis stolonifera	ACAD, ANTI, APIS, ASIS, CATO, COLO, EFMO, GATE, GEWA, GRPO, GWCA, MISS, PIPE, PIRO, PRWI, SACN, SARA, SLBE, VOYA
Cyperales	Poaceae	Agrostis vinealis	EFMO
Cyperales	Poaceae	Aira caryophyllea	ASIS, GATE, HOSP, SARA, THST
Cyperales	Poaceae	Aira elegans	ARPO, COLO
Cyperales	Poaceae	Aira praecox	ASIS
Cyperales	Poaceae	Alopecurus aequalis	APIS, CUVA, GRPO, INDU, PIPE, PIRO, SACN, VOYA
Cyperales	Poaceae	Alopecurus carolinianus	ARPO, GEWA, GWCA, INDU, PIPE, TAPR
Cyperales	Poaceae	Alopecurus geniculatus	ANTI, PIPE
Cyperales	Poaceae	Alopecurus pratensis	ACAD, APIS, INDU, ISRO, MIMA, SAGA, SARA, VOYA
Cyperales	Poaceae	Ammophila breviligulata	ACAD, APIS, ASIS, FIIS, GATE, INDU, ISRO, PIRO, SLBE
Cyperales	Poaceae	Andropogon gerardii	ANTI, BUFF, CUVA, EFMO, GATE, GWCA, HAFE, HEHO, HOCU, HOME, HOSP, INDU, MIMA, MISS, OZAR, PERI, PIPE, PRWI, SACN, SAGA, SARA, SLBE, TAPR, VOYA, WEFA, WICR
Cyperales	Poaceae	Andropogon glomeratus	ASIS, COLO
Cyperales	Poaceae	Andropogon gyrans	GWCA
Cyperales	Poaceae	Andropogon ternarius	ASIS, BUFF, COLO, HOSP, PERI
Cyperales	Poaceae	Andropogon virginicus	ARPO, ASIS, BUFF, CATO, COLO, CUVA, FIIS, GATE, GEWA, GWCA, HOSP, INDU, LIBO, MANA, OZAR, PERI, PRWI, TAPR, THST
Cyperales	Poaceae	Anthoxanthum odoratum	ACAD, ANTI, APIS, ASIS, CATO, COLO, CUVA, GATE, GEWA, ISRO, MABI, MANA, MIMA, PRWI, SAGA, SARA, THST, WEFA
Cyperales	Poaceae	Aristida basiramea	MISS, PIPE, SACN
Cyperales	Poaceae	Aristida dichotoma	ASIS, BUFF, GATE, HOSP, OZAR, PIPE, PRWI
Cyperales	Poaceae	Aristida longispica	ASIS, GWCA, INDU
Cyperales	Poaceae	Aristida oligantha	ASIS, GATE, GWCA, INDU, LIBO, MANA, PRWI, TAPR
Cyperales	Poaceae	Aristida purpurascens	ASIS, BUFF, GATE, HOSP, INDU, OZAR, PERI, SACN
Cyperales	Poaceae	Aristida purpurea	MISS
Cyperales	Poaceae	Aristida ramosissima	LIBO
Cyperales	Poaceae	Aristida tuberculosa	ASIS, GATE, INDU, MISS
Cyperales	Poaceae	Arrhenatherum elatius	ACAD, MIMA, SLBE, WEFA
Cyperales	Poaceae	Arthraxon hispidus	ASIS, CATO, COLO, GEWA, HAFE, MANA, PRWI, THST
Cyperales	Poaceae	Arundinaria gigantea	ARPO, BUFF, COLO, OZAR
Cyperales	Poaceae	Avena fatua	APIS, GWCA
Cyperales	Poaceae	Avena sativa	APIS, CATO, GATE, INDU, MABI, MIMA, SACN, SLBE, VOYA
Cyperales	Poaceae	Axonopus furcatus	COLO
Cyperales	Poaceae	Beckmannia syzigachne	APIS, ISRO, PIPE, SACN, VOYA
Cyperales	Poaceae	Bothriochloa bladhii	TAPR
Cyperales	Poaceae	Bothriochloa ischaemum	GWCA
Cyperales	Poaceae	Bothriochloa laguroides	GWCA
Cyperales	Poaceae	Bothriochloa saccharoides	TAPR
Cyperales	Poaceae	Bouteloua curtipendula	EFMO, GWCA, HEHO, MISS, OZAR, PIPE, SACN, TAPR, WICR
Cyperales	Poaceae	Bouteloua gracilis	MISS, PIPE, TAPR, WICR
Cyperales	Poaceae	Bouteloua hirsuta	EFMO, MISS, PIPE, SACN, TAPR
Cyperales	Poaceae	Brachyelytrum erectum	APIS, BUFF, CATO, COLO, CUVA, EFMO, HOSP, INDU, MABI, MIMA, OZAR, PERI, PIRO, PRWI, SACN, SAGA, SARA, VOYA, WEFA
Cyperales	Poaceae	Brachyelytrum septentrionale	ACAD, PIRO, SARA
Cyperales	Poaceae	Briza minor	ARPO, ASIS, PERI
Cyperales	Poaceae	Bromus arvensis	MIMA
Cyperales	Poaceae	Bromus carinatus	EFMO

Cyperales	Poaceae	Bromus catharticus	TAPR
Cyperales	Poaceae	Bromus ciliatus	ACAD, ANTI, APIS, CATO, CUVA, EFMO, GRPO, INDU, ISRO, MISS, PIRO, SACN, SLBE, VOYA
Cyperales	Poaceae	Bromus commutatus	ANTI, BUFF, COLO, CUVA, GWCA, HOCU, HOME, INDU, MANA
Cyperales	Poaceae	Bromus hordeaceus	ASIS, COLO, WICR
Cyperales	Poaceae	Bromus inermis	ACAD, ANTI, APIS, CATO, CUVA, EFMO, GATE, GRPO, GWCA, HEHO, HOCU, HOME, INDU, ISRO, MABI, MIMA, MISS, PIPE, PIRO, SACN, SAGA, SARA, TAPR, VOYA, WICR
Cyperales	Poaceae	Bromus japonicus	ARPO, ASIS, BUFF, CATO, CUVA, GATE, GEWA, GWCA, HOME, INDU, LIBO, MANA, OZAR, PERI, PIPE, PRWI, SARA, TAPR
Cyperales	Poaceae	Bromus kalmii	HAFE, INDU, SACN, WICR
Cyperales	Poaceae	Bromus latiglumis	CUVA, MISS, SACN, SAGA, SARA, WICR
Cyperales	Poaceae	Bromus nottowayanus	CUVA, OZAR
Cyperales	Poaceae	Bromus pubescens	ANTI, BUFF, COLO, EFMO, MANA, OZAR, PIPE, PRWI, SACN, WICR
Cyperales	Poaceae	Bromus purgans	CATO, CUVA
Cyperales	Poaceae	Bromus racemosus	ASIS, CATO, GWCA, LIBO, MANA, PERI, SLBE, WICR
Cyperales	Poaceae	Bromus secalinus	GWCA, INDU, PERI, SARA, WICR
Cyperales	Poaceae	Bromus squarrosus	INDU
Cyperales	Poaceae	Bromus sterilis	ANTI, ASIS, GWCA, MANA, WICR
Cyperales	Poaceae	Bromus tectorum	ACAD, ANTI, ASIS, COLO, GATE, GEWA, GWCA, HAFE, HEHO, HOCU, INDU, MIMA, OZAR, PERI, PIPE, SACN, SARA, SLBE, TAPR, WICR
Cyperales	Poaceae	Buchloe dactyloides	GWCA, HOME, PIPE, TAPR, WICR
Cyperales	Poaceae	Calamagrostis canadensis	ACAD, APIS, CUVA, EFMO, GATE, GRPO, INDU, ISRO, MIMA, MISS, PIPE, PIRO, SACN, SAGA, SAIR, SARA, SLBE, VOYA
Cyperales	Poaceae	Calamagrostis coarctata	ASIS, GATE, PRWI
Cyperales	Poaceae	Calamagrostis epigeios	GATE
Cyperales	Poaceae	Calamagrostis pickeringii	ACAD
Cyperales	Poaceae	Calamagrostis porteri	OZAR
Cyperales	Poaceae	Calamagrostis stricta	ACAD, APIS, CUVA, INDU, ISRO, PIPE, PIRO, SLBE, VOYA
Cyperales	Poaceae	Calamovilfa brevipilis	COLO
Cyperales	Poaceae	Calamovilfa longifolia	INDU, MISS, SACN, SLBE
Cyperales	Poaceae	Catabrosa aquatica	SACN
Cyperales	Poaceae	Cenchrus longispinus	EFMO, GATE, HOME, INDU, MISS, OZAR, SACN, TAPR
Cyperales	Poaceae	Cenchrus spinifex	GATE
Cyperales	Poaceae	Cenchrus tribuloides	ASIS, COLO, GATE, GEWA, WEFA
Cyperales	Poaceae	Chasmanthium latifolium	BUFF, COLO, GWCA, HOCU, HOSP, OZAR, PERI
Cyperales	Poaceae	Chasmanthium laxum	ARPO, ASIS, COLO, GEWA, HOSP, PRWI, THST
Cyperales	Poaceae	Chasmanthium sessiliflorum	BUFF, COLO, HOSP
Cyperales	Poaceae	Chloris verticillata	ASIS, GATE, GWCA, TAPR
Cyperales	Poaceae	Cinna arundinacea	CATO, COLO, CUVA, EFMO, GEWA, GWCA, HOCU, HOME, INDU, LIBO, MANA, MIMA, OZAR, PRWI, SACN, SAGA, SAIR, SARA, THST, WEFA
Cyperales	Poaceae	Cinna latifolia	ACAD, APIS, GRPO, ISRO, PIRO, SACN, SLBE, VOYA
Cyperales	Poaceae	Corynephorus canescens	GATE
Cyperales	Poaceae	Cynodon dactylon	ANTI, ARPO, ASIS, BUFF, COLO, GATE, GEWA, GWCA, HOSP, MANA, PERI, PRWI
Cyperales	Poaceae	Cynosurus cristatus	ISRO
Cyperales	Poaceae	Dactylis glomerata	ACAD, ANTI, APIS, ASIS, CATO, COLO, CUVA, EFMO, GATE, GEWA, GRPO, GWCA, HEHO, HOCU, HOSP, INDU, ISRO, LIBO, MABI, MANA, MIMA, OZAR, PERI, PIRO, PRWI, SAGA, SARA, SLBE, THST, VOYA, WEFA, WICR
Cyperales	Poaceae	Dactylus glomerata	GATE, HAFE
Cyperales	Poaceae	Danthonia compressa	ACAD, CATO, CUVA, MIMA
Cyperales	Poaceae	Danthonia intermedia	ISRO
Cyperales	Poaceae	Danthonia spicata	ACAD, ANTI, APIS, BUFF, CATO, COLO, CUVA, EFMO, FIIS, GEWA, GRPO, HAFE, HOSP, INDU, ISRO, LIBO, MABI, MANA, MIMA, OZAR, PERI, PIRO, PRWI, SACN, SAGA, SARA, SLBE, THST, VOYA, WEFA, WICR
Cyperales	Poaceae	Deschampsia caespitosa	ACAD, APIS, ISRO, PIRO, SACN, VOYA
Cyperales	Poaceae	Deschampsia flexuosa	ACAD, APIS, GEWA, GRPO, ISRO, MIMA, PIRO, SLBE
Cyperales	Poaceae	Diarrhena americana	ARPO, BUFF, LIBO
Cyperales	Poaceae	Diarrhena obovata	BUFF, HOME, OZAR, TAPR
Cyperales	Poaceae	Dichanthelium aciculare	HOSP
Cyperales	Poaceae	Dichanthelium acuminatum	ACAD, APIS, ASIS, BUFF, COLO, GATE, GWCA, INDU, MANA, OZAR, PERI, PIPE, PIRO, PRWI, SACN, SARA, SLBE, TAPR, VOYA, WICR
Cyperales	Poaceae	Dichanthelium boreale	ACAD, INDU, MISS, PRWI, VOYA
Cyperales	Poaceae	Dichanthelium boscii	ARPO, BUFF, COLO, HAFE, HOSP, MANA, OZAR, PERI, PRWI, THST
Cyperales	Poaceae	Dichanthelium clandestinum	ASIS, BUFF, COLO, FIIS, GEWA, GWCA, HAFE, INDU, LIBO, MANA, MIMA, MORR, OZAR, PRWI, SAGA, SARA, THST, WEFA, WICR
Cyperales	Poaceae	Dichanthelium commutatum	ARPO, ASIS, BUFF, COLO, GWCA, HOSP, MANA, MIMA, OZAR, PRWI, THST, WICR
Cyperales	Poaceae	Dichanthelium consanguineum	FIIS
Cyperales	Poaceae	Dichanthelium depauperatum	ACAD, APIS, ASIS, CUVA, INDU, ISRO, MANA, MIMA, OZAR, PERI, PIRO, PRWI, SARA, SLBE, VOYA
Cyperales	Poaceae	Dichanthelium dichotomum	ACAD, CATO, INDU, MANA, MIMA, PERI, PRWI, THST, WEFA, WICR
Cyperales	Poaceae	Dichanthelium latifolium	EFMO, HOCU, INDU, LIBO, SLBE, WICR
Cyperales	Poaceae	Dichanthelium laxiflorum	ARPO, BUFF, COLO, HOSP, OZAR, PERI

Cyperales	Poaceae	Dichanthelium leibergii	PIPE, SACN
Cyperales	Poaceae	Dichanthelium leucothrix	ASIS, FIIS, MIMA
Cyperales	Poaceae	Dichanthelium linearifolium	BUFF, HAFE, HOSP, INDU, ISRO, MANA, MISS, OZAR, PERI, PIPE, SACN, SLBE, VOYA, WICR
Cyperales	Poaceae	Dichanthelium longiligulatum	COLO
Cyperales	Poaceae	Dichanthelium lucidum	COLO
Cyperales	Poaceae	Dichanthelium malacophyllum	ASIS, GWCA, OZAR, PERI, WICR
Cyperales	Poaceae	Dichanthelium meridionale	GATE, INDU, SACN
Cyperales	Poaceae	Dichanthelium oligosanthes	ARPO, COLO, GWCA, HOME, INDU, MIMA, MISS, OZAR, PERI, PIPE, SACN, SARA, TAPR, WICR
Cyperales	Poaceae	Dichanthelium ovale	ASIS, GATE, MISS, SLBE
Cyperales	Poaceae	Dichanthelium ravenelii	BUFF, HOSP
Cyperales	Poaceae	Dichanthelium sabulorum	APIS, CUVA, GATE, INDU, MIMA, PIRO, SARA
Cyperales	Poaceae	Dichanthelium scabriusculum	ANTI, LIBO
Cyperales	Poaceae	Dichanthelium scoparium	ASIS, COLO, GEWA, MANA, PERI, PRWI
Cyperales	Poaceae	Dichanthelium sphaerocarpon	ASIS, BUFF, GATE, GEWA, GWCA, INDU, MANA, PERI, PRWI
Cyperales	Poaceae	Dichanthelium spretum	GEWA, INDU
Cyperales	Poaceae	Dichanthelium strigosum	PRWI
Cyperales	Poaceae	Dichanthelium villosissimum	ASIS, EFMO, INDU, MIMA, MISS, OZAR, PIPE, SACN, SLBE
Cyperales	Poaceae	Dichanthelium wilcoxianum	HOME, MISS, PIPE, SACN
Cyperales	Poaceae	Dichanthelium xanthophysum	ISRO, MISS, PIRO, SACN, SARA, SLBE, VOYA
Cyperales	Poaceae	Digitaria ciliaris	GWCA
Cyperales	Poaceae	Digitaria cognata	CUVA, GWCA, HOME, INDU, MISS, OZAR, SACN, SAGA, SLBE, TAPR, WICR
Cyperales	Poaceae	Digitaria filiformis	ANTI, ASIS, OZAR, WICR
Cyperales	Poaceae	Digitaria ischaemum	ACAD, APIS, ASIS, COLO, CUVA, EFMO, GATE, GRPO, GWCA, HOSP, INDU, LIBO, MANA, OZAR, PRWI, SACN, SARA, VOYA, WICR
Cyperales	Poaceae	Digitaria sanguinalis	ARPO, ASIS, COLO, CUVA, GATE, GEWA, HOCU, HOME, INDU, LIBO, MANA, MIMA, MISS, OZAR, PIPE, PRWI, SACN, SAGA, SARA, SLBE, TAPR, THST, WICR
Cyperales	Poaceae	Distichlis spicata	ASIS, COLO, FIIS, GATE, GEWA
Cyperales	Poaceae	Echinochloa colona	ARPO, CATO
Cyperales	Poaceae	Echinochloa crusgalli	ASIS, COLO, CUVA, GATE, GWCA, SARA
Cyperales	Poaceae	Echinochloa crus-galli	ACAD, APIS, ARPO, CATO, EFMO, GATE, GEWA, GRPO, HOCU, HOME, INDU, MIMA, MISS, OZAR, PERI, PRWI, SACN, SAGA, SLBE, TAPR, VOYA
Cyperales	Poaceae	Echinochloa muricata	ANTI, APIS, ASIS, COLO, CUVA, EFMO, GRPO, GWCA, HAFE, HOME, MANA, MIMA, MISS, OZAR, PERI, PIPE, PRWI, SACN, SARA, SLBE, TAPR, THST, WEFA, WICR
Cyperales	Poaceae	Echinochloa walteri	ASIS, COLO, GEWA, MIMA, MISS, SACN
Cyperales	Poaceae	Eleusine indica	ANTI, ASIS, GATE, GEWA, GWCA, HOCU, HOME, INDU, MANA, MIMA, MISS, OZAR, PRWI, THST, WICR
Cyperales	Poaceae	Elymus canadensis	APIS, ARPO, CATO, CUVA, EFMO, GATE, GRPO, GWCA, HEHO, HOCU, HOME, HOSP, INDU, MISS, PERI, PIPE, PIRO, SACN, SAGA, SLBE, TAPR
Cyperales	Poaceae	Elymus caninus	PIPE
Cyperales	Poaceae	Elymus diversiglumis	MISS, SACN
Cyperales	Poaceae	Elymus elymoides	HOME, PIPE
Cyperales	Poaceae	Elymus glaucus	PIRO
Cyperales	Poaceae	Elymus hystrix	APIS, BUFF, CATO, CUVA, HOCU, INDU, LIBO, MANA, MIMA, MISS, OZAR, PERI, PIPE, PIRO, PRWI, SACN, SARA, SLBE, THST, WEFA, WICR
Cyperales	Poaceae	Elymus interruptus	PIPE
Cyperales	Poaceae	Elymus lanceolatus	SLBE
Cyperales	Poaceae	Elymus macgregorii	HOME
Cyperales	Poaceae	Elymus repens	ACAD, ANTI, APIS, CATO, CUVA, GRPO, GWCA, HEHO, HOCU, INDU, ISRO, MABI, MIMA, PIPE, PIRO, PRWI, SACN, SAGA, SLBE, VOYA, WEFA, WICR
Cyperales	Poaceae	Elymus riparius	ANTI, BUFF, CUVA, EFMO, GATE, HAFE, INDU, MANA, SAGA, SARA, WICR
Cyperales	Poaceae	Elymus trachycaulus	ACAD, APIS, CATO, CUVA, GRPO, INDU, ISRO, MISS, PIPE, PIRO, SACN, SLBE, VOYA
Cyperales	Poaceae	Elymus villosus	ANTI, BUFF, COLO, CUVA, EFMO, GEWA, HOCU, INDU, PIPE, PRWI, SACN, SARA, THST, WICR
Cyperales	Poaceae	Elymus virginicus	ACAD, ANTI, APIS, ASIS, CATO, COLO, CUVA, EFMO, FIIS, GATE, GEWA, GRPO, GWCA, HAFE, HEHO, HOME, HOSP, INDU, LIBO, MANA, MIMA, MISS, OZAR, PERI, PIPE, PRWI, SACN, SARA, SLBE, TAPR, THST, VOYA, WEFA, WICR
Cyperales	Poaceae	Elymus wiegandii	GRPO, ISRO, SACN
Cyperales	Poaceae	Eragrostis capillaris	ASIS, CATO, COLO, GATE, HOCU, OZAR, PERI, SACN
Cyperales	Poaceae	Eragrostis cilianensis	ASIS, HOME, INDU, MANA, MISS, PIPE, SACN, SARA, SLBE, TAPR, WICR
Cyperales	Poaceae	Eragrostis curvula	ASIS, GATE, MANA, PRWI
Cyperales	Poaceae	Eragrostis frankii	CUVA, OZAR, SACN, WICR
Cyperales	Poaceae	Eragrostis hirsuta	COLO, GEWA
Cyperales	Poaceae	Eragrostis hypnoides	COLO, CUVA, EFMO, MISS, SACN, VOYA
Cyperales	Poaceae	Eragrostis intermedia	GWCA
Cyperales	Poaceae	Eragrostis minor	BUFF, CUVA, GATE, INDU, PRWI, WICR

Cyperales	Poaceae	Eragrostis pectinacea	ASIS, CUVA, GATE, GWCA, INDU, MISS, PIPE, SACN, SARA, THST, VOYA
Cyperales	Poaceae	Eragrostis pilosa	BUFF, GATE, GEWA, HOME, MANA, PIPE, PRWI
Cyperales	Poaceae	Eragrostis refracta	ASIS, COLO
Cyperales	Poaceae	Eragrostis spectabilis	ANTI, ARPO, ASIS, COLO, GATE, GEWA, GWCA, HOME, INDU, MANA, MIMA, MISS, OZAR, PERI, PRWI, SACN, SAGA, SARA, SLBE, TAPR, THST, WICR
Cyperales	Poaceae	Eragrostis trichodes	INDU, MISS, SLBE
Cyperales	Poaceae	Eriochloa contracta	TAPR
Cyperales	Poaceae	Eriochloa villosa	SACN
Cyperales	Poaceae	Festuca brachyphylla	ISRO, SACN
Cyperales	Poaceae	Festuca filiformis	ACAD, MIMA, SAGA
Cyperales	Poaceae	Festuca heteromalla	APIS
Cyperales	Poaceae	Festuca occidentalis	ISRO, PIRO, SLBE
Cyperales	Poaceae	Festuca ovina	ACAD, CATO, GATE, GRPO, HOCU, MIMA, SAGA, VOYA
Cyperales	Poaceae	Festuca paradoxa	OZAR, PERI, THST, WICR
Cyperales	Poaceae	Festuca rubra	ANTI, APIS, ASIS, CUVA, EFMO, GATE, GRPO, INDU, ISRO, LIBO, MANA, MIMA, PIPE, PRWI, SACN, SAGA, SARA, SLBE, VOYA, WICR
Cyperales	Poaceae	Festuca saximontana	APIS, EFMO, ISRO, PIRO, SLBE
Cyperales	Poaceae	Festuca subverticillata	ANTI, BUFF, CATO, COLO, GWCA, HAFE, HOCU, HOME, HOSP, INDU, LIBO, MANA, OZAR, PIPE, PIRO, PRWI, SACN, SARA, SLBE, TAPR, THST, WICR
Cyperales	Poaceae	Festuca trachyphylla	APIS, INDU, MISS, SACN, SARA, SLBE, WEFA
Cyperales	Poaceae	Glyceria acutiflora	MIMA
Cyperales	Poaceae	Glyceria borealis	ACAD, APIS, GRPO, INDU, ISRO, PIPE, PIRO, SACN, SLBE, VOYA
Cyperales	Poaceae	Glyceria canadensis	ACAD, APIS, GRPO, INDU, ISRO, MIMA, PIRO, SACN, SAGA, SLBE, VOYA
Cyperales	Poaceae	Glyceria fluitans	ANTI
Cyperales	Poaceae	Glyceria grandis	ACAD, APIS, GRPO, ISRO, MIMA, MISS, PIPE, PIRO, SACN, SARA, VOYA
Cyperales	Poaceae	Glyceria laxa	ACAD
Cyperales	Poaceae	Glyceria maxima	SAIR
Cyperales	Poaceae	Glyceria melicaria	CATO, COLO, CUVA, WEFA
Cyperales	Poaceae	Glyceria obtusa	ACAD, MIMA
Cyperales	Poaceae	Glyceria septentrionalis	ASIS, COLO, CUVA, INDU, MANA, SARA
Cyperales	Poaceae	Glyceria striata	ACAD, ANTI, APIS, CATO, COLO, CUVA, EFMO, GEWA, GRPO, GWCA, HAFE, HOCU, INDU, ISRO, LIBO, MANA, MIMA, MISS, OZAR, PERI, PIRO, PRWI, SACN, SAGA, SARA, SLBE, TAPR, THST, VOYA, WICR
Cyperales	Poaceae	Gymnopogon ambiguus	OZAR
Cyperales	Poaceae	Gymnopogon brevifolius	ASIS
Cyperales	Poaceae	Hesperostipa comata	PIPE
Cyperales	Poaceae	Hesperostipa spartea	EFMO, HOME, INDU, MISS, PIPE, SACN, TAPR
Cyperales	Poaceae	Hierochloe hirta	APIS, INDU, ISRO, MISS, SACN, SLBE
Cyperales	Poaceae	Hierochloe odorata	ACAD, GRPO, PIPE, VOYA
Cyperales	Poaceae	Holcus lanatus	ASIS, CATO, COLO, CUVA, GATE, INDU, MANA, MIMA, PRWI, SAIR, SARA, TAPR, WICR
Cyperales	Poaceae	Hordeum jubatum	ACAD, CUVA, EFMO, GATE, GRPO, HEHO, HOME, INDU, ISRO, MISS, PIPE, SACN, VOYA
Cyperales	Poaceae	Hordeum pusillum	ARPO, ASIS, COLO, GEWA, GWCA, HOME, MANA, PIPE, PRWI, TAPR, WICR
Cyperales	Poaceae	Hordeum vulgare	CATO, INDU
Cyperales	Poaceae	Koeleria macrantha	EFMO, HOME, INDU, MISS, PIPE, SACN, SLBE, TAPR, WICR
Cyperales	Poaceae	Leersia lenticularis	EFMO, SACN
Cyperales	Poaceae	Leersia oryzoides	ACAD, ANTI, APIS, CATO, COLO, CUVA, EFMO, GEWA, GRPO, GWCA, INDU, MANA, MIMA, MISS, OZAR, PIPE, PIRO, PRWI, SACN, SAGA, SARA, SLBE, TAPR, THST, VOYA, WEFA
Cyperales	Poaceae	Leersia virginica	ANTI, ASIS, CATO, COLO, CUVA, EFMO, GATE, GEWA, GWCA, HOCU, HOME, HOSP, INDU, LIBO, MANA, MISS, OZAR, PRWI, SACN, SARA, THST, WEFA, WICR
Cyperales	Poaceae	Leptochloa panicea	EFMO
Cyperales	Poaceae	Leymus arenarius	INDU, SLBE
Cyperales	Poaceae	Leymus mollis	ACAD, GATE, PIRO
Cyperales	Poaceae	Lolium arundinaceum	ANTI, APIS, ASIS, COLO, CUVA, EFMO, HEHO, HOCU, MABI, OZAR, PERI, PRWI, SACN, SARA, VOYA, WICR
Cyperales	Poaceae	Lolium giganteum	SLBE
Cyperales	Poaceae	Lolium perenne	ACAD, ANTI, APIS, ARPO, ASIS, CATO, COLO, CUVA, GATE, GEWA, GRPO, GWCA, INDU, ISRO, MIMA, MISS, PIPE, PRWI, SAIR, SARA, TAPR, VOYA, WICR
Cyperales	Poaceae	Lolium pratense	ACAD, ANTI, APIS, ASIS, COLO, EFMO, GATE, GEWA, GWCA, INDU, LIBO, MABI, MANA, PERI, PRWI, SAGA, SARA, SLBE, THST, WICR
Cyperales	Poaceae	Lolium temulentum	WICR
Cyperales	Poaceae	Melica mutica	COLO, PRWI
Cyperales	Poaceae	Melica nitens	GWCA, HAFE, OZAR, PERI, WICR
Cyperales	Poaceae	Melica smithii	PIRO, SLBE
Cyperales	Poaceae	Microstegium vimineum	ANTI, BUFF, COLO, GATE, HAFE, MANA, MORR, PRWI, THST
Cyperales	Poaceae	Milium effusum	APIS, CUVA, GRPO, INDU, ISRO, MISS, PIRO, SACN, SLBE, VOYA
Cyperales	Poaceae	Miscanthus sacchariflorus	MISS
Cyperales	Poaceae	Miscanthus sinensis	ASIS, COLO, GEWA, PRWI

Cyperales	Poaceae	Molinia caerulea	ACAD
Cyperales	Poaceae	Muhlenbergia bushii	GWCA, HOME, OZAR
Cyperales	Poaceae	Muhlenbergia capillaris	HOSP, OZAR
Cyperales	Poaceae	Muhlenbergia cuspidata	EFMO, MISS, PIPE, SACN, TAPR
Cyperales	Poaceae	Muhlenbergia frondosa	ANTI, CATO, CUVA, EFMO, GATE, GWCA, HOME, INDU, MANA, MIMA, OZAR, PIPE, SACN, SARA, TAPR, VOYA
Cyperales	Poaceae	Muhlenbergia glomerata	ACAD, INDU, ISRO, MISS, SACN, SLBE, VOYA
Cyperales	Poaceae	Muhlenbergia mexicana	APIS, CUVA, EFMO, INDU, MISS, PIPE, SACN, SAGA, SARA, SLBE, VOYA
Cyperales	Poaceae	Muhlenbergia racemosa	GRPO, HOME, INDU, MISS, PIPE, SACN, VOYA
Cyperales	Poaceae	Muhlenbergia richardsonis	MISS, PIPE
Cyperales	Poaceae	Muhlenbergia schreberi	ANTI, ASIS, CATO, COLO, CUVA, GATE, GEWA, GWCA, HOCU, HOSP, INDU, LIBO, MANA, OZAR, PRWI, THST, WICR
Cyperales	Poaceae	Muhlenbergia sobolifera	ANTI, CATO, CUVA, HOSP, MANA, OZAR, PRWI, SACN, WICR
Cyperales	Poaceae	Muhlenbergia sylvatica	CUVA, MISS, PRWI, SACN, SARA
Cyperales	Poaceae	Muhlenbergia tenuiflora	ANTI, CATO, CUVA, EFMO, INDU
Cyperales	Poaceae	Muhlenbergia tenuifolia	PRWI
Cyperales	Poaceae	Muhlenbergia uniflora	ACAD, ISRO, PIRO
Cyperales	Poaceae	Nassella viridula	PIPE
Cyperales	Poaceae	Oryzopsis asperifolia	ACAD, APIS, CUVA, GRPO, INDU, ISRO, PIRO, SACN, SAGA, SARA, SLBE, VOYA
Cyperales	Poaceae	Panicum amarum	ASIS, COLO, GATE, GEWA
Cyperales	Poaceae	Panicum anceps	ARPO, ASIS, BUFF, COLO, GEWA, GWCA, HOSP, LIBO, MANA, OZAR, PERI, PRWI, THST
Cyperales	Poaceae	Panicum capillare	ACAD, ANTI, APIS, ASIS, CUVA, EFMO, GATE, GWCA, HOCU, HOME, INDU, ISRO, MANA, MIMA, MISS, OZAR, PIPE, SACN, SARA, SLBE, TAPR, VOYA, WICR
Cyperales	Poaceae	Panicum dichotomiflorum	ACAD, ANTI, ARPO, ASIS, COLO, CUVA, EFMO, GATE, GEWA, GWCA, HAFE, HOCU, HOME, INDU, MANA, MIMA, OZAR, PERI, PIPE, PRWI, SACN, SARA, TAPR, THST
Cyperales	Poaceae	Panicum flexile	INDU, OZAR, SLBE, WICR
Cyperales	Poaceae	Panicum lanuginosum	ASIS, CATO, COLO, CUVA, GATE, HOCU, SAGA, SARA
Cyperales	Poaceae	Panicum microcarpon	COLO
Cyperales	Poaceae	Panicum miliaceum	SACN
Cyperales	Poaceae	Panicum obtusum	TAPR
Cyperales	Poaceae	Panicum philadelphicum	COLO, CUVA, MANA, OZAR, SARA, VOYA
Cyperales	Poaceae	Panicum rigidulum	COLO, GATE, INDU, MANA, MIMA, OZAR, PRWI, SARA, THST
Cyperales	Poaceae	Panicum scoparium	ARPO, THST
Cyperales	Poaceae	Panicum verrucosum	ASIS, COLO, INDU, PRWI, THST
Cyperales	Poaceae	Panicum virgatum	ASIS, BUFF, COLO, CUVA, EFMO, FIIS, GATE, GEWA, GWCA, HEHO, HOCU, HOME, HOSP, INDU, LIBO, MISS, OZAR, PERI, PIPE, PRWI, SACN, SARA, SLBE, TAPR, VOYA, WICR
Cyperales	Poaceae	Pascopyrum smithii	EFMO, INDU, MISS, PIPE, SLBE, TAPR
Cyperales	Poaceae	Paspalum dilatatum	ARPO, ASIS, COLO, GEWA, WICR
Cyperales	Poaceae	Paspalum dissectum	ANTI
Cyperales	Poaceae	Paspalum floridanum	ARPO, ASIS, COLO, GEWA, TAPR
Cyperales	Poaceae	Paspalum laeve	ANTI, ASIS, COLO, GEWA, GWCA, LIBO, MANA, OZAR, PRWI
Cyperales	Poaceae	Paspalum notatum	ARPO, HOSP, PERI
Cyperales	Poaceae	Paspalum pubiflorum	GWCA, PERI, PRWI, TAPR, WICR
Cyperales	Poaceae	Paspalum setaceum	GWCA, INDU, LIBO, MANA, MIMA, MISS, PRWI, SAGA, SARA, WICR
Cyperales	Poaceae	Pennisetum glaucum	APIS, EFMO, INDU, MISS, PIPE, PRWI, SACN, SLBE, WICR
Cyperales	Poaceae	Phalaris arundinacea	ACAD, ANTI, APIS, CATO, CUVA, EFMO, GRPO, HAFE, HEHO, HOME, INDU, ISRO, MABI, MANA, MIMA, MISS, PIPE, PIRO, SACN, SAGA, SAIR, SARA, SLBE, VOYA, WEFA, WICR
Cyperales	Poaceae	Phalaris canariensis	MISS
Cyperales	Poaceae	Phalaris caroliniana	GWCA
Cyperales	Poaceae	Phleum pratense	ACAD, ANTI, APIS, ASIS, CATO, COLO, CUVA, EFMO, GATE, GEWA, GRPO, GWCA, HEHO, HOCU, INDU, ISRO, LIBO, MABI, MANA, MIMA, MISS, OZAR, PERI, PIPE, PIRO, PRWI, SACN, SAGA, SARA, SLBE, THST, VOYA, WICR
Cyperales	Poaceae	Phragmites australis	ANTI, APIS, ASIS, COLO, CUVA, EFMO, FIIS, GATE, GEWA, INDU, ISRO, MIMA, MISS, PIRO, SACN, SAIR, SARA, SLBE, VOYA
Cyperales	Poaceae	Phyllostachys aurea	COLO
Cyperales	Poaceae	Piptatherum canadense	ACAD
Cyperales	Poaceae	Piptatherum pungens	ACAD, APIS, GRPO, INDU, ISRO, SACN, SLBE, VOYA
Cyperales	Poaceae	Piptatherum racemosum	CATO, INDU, MABI, MISS, OZAR, SACN, SAGA, SLBE
Cyperales	Poaceae	Piptochaetium avenaceum	BUFF, COLO, HOSP, INDU, PRWI
Cyperales	Poaceae	Poa alpina	ISRO
Cyperales	Poaceae	Poa alsodes	APIS, CUVA, INDU, ISRO, MABI, PIRO, SACN, SAGA, SARA, SLBE, VOYA, WEFA
Cyperales	Poaceae	Poa annua	ACAD, ANTI, APIS, ASIS, CATO, COLO, CUVA, EFMO, GATE, GEWA, GRPO, HOSP, INDU, ISRO, MANA, MIMA, PERI, PIRO, PRWI, SACN, SAGA, SARA, THST, VOYA, WICR
Cyperales	Poaceae	Poa arachnifera	PERI
Cyperales	Poaceae	Poa arida	TAPR
Cyperales	Poaceae	Poa autumnalis	COLO, MANA, PRWI
Cyperales	Poaceae	Poa bulbosa	GATE, INDU

Cyperales	Poaceae	Poa chapmaniana	ARPO, GWCA, WICR
Cyperales	Poaceae	Poa compressa	ACAD, APIS, ASIS, CATO, COLO, CUVA, EFMO, FIIS, GATE, GEWA, GRPO, GWCA, HAFE, INDU, ISRO, LIBO, MABI, MANA, MIMA, MISS, OZAR, PIPE, PIRO, PRWI, SACN, SAGA, SARA, SLBE, THST, VOYA, WICR
Cyperales	Poaceae	Poa cuspidata	COLO, CUVA, MANA, PRWI, THST
Cyperales	Poaceae	Poa glauca	GRPO, ISRO, VOYA
Cyperales	Poaceae	Poa nemoralis	ACAD, APIS, GRPO, ISRO, MIMA, PIRO, SLBE
Cyperales	Poaceae	Poa paludigena	INDU, MISS, SACN
Cyperales	Poaceae	Poa palustris	ACAD, APIS, CUVA, GRPO, INDU, ISRO, MIMA, PIPE, PIRO, SACN, SAGA, SARA, SLBE, VOYA
Cyperales	Poaceae	Poa pratensis	ACAD, ANTI, APIS, ASIS, CATO, COLO, CUVA, EFMO, GATE, GEWA, GRPO, GWCA, HEHO, HOCU, HOME, INDU, ISRO, LIBO, MANA, MIMA, MISS, MORR, OZAR, PIPE, PIRO, PRWI, SACN, SAGA, SAIR, SARA, SLBE, TAPR, VOYA, WEFA, WICR
Cyperales	Poaceae	Poa saltuensis	APIS, CUVA, INDU, ISRO, PIRO, SARA, SLBE
Cyperales	Poaceae	Poa secunda	ISRO
Cyperales	Poaceae	Poa sylvestris	ANTI, BUFF, CUVA, GATE, GWCA, HOCU, HOSP, MANA, OZAR, PRWI, WICR
Cyperales	Poaceae	Poa trivialis	ANTI, COLO, CUVA, EFMO, INDU, MANA, MIMA, PIRO, SACN, SARA
Cyperales	Poaceae	Poa wolfii	OZAR
Cyperales	Poaceae	Polypogon monspeliensis	ASIS
Cyperales	Poaceae	Puccinellia distans	ASIS, CUVA, INDU, VOYA
Cyperales	Poaceae	Puccinellia fasciculata	ASIS
Cyperales	Poaceae	Puccinellia maritima	GATE
Cyperales	Poaceae	Puccinellia tenella	ACAD
Cyperales	Poaceae	Saccharum alopecuroidum	OZAR
Cyperales	Poaceae	Saccharum baldwinii	BUFF, COLO, HOSP
Cyperales	Poaceae	Saccharum giganteum	ASIS
Cyperales	Poaceae	Sacciolepis striata	ASIS, COLO
Cyperales	Poaceae	Schedonnardus paniculatus	PIPE, TAPR
Cyperales	Poaceae	Schedonorus phoenix	BUFF, HOSP, PERI
Cyperales	Poaceae	Schizachne purpurascens	APIS, GRPO, ISRO, MABI, PIRO, SACN, SAGA, SLBE, VOYA
Cyperales	Poaceae	Schizachyrium cirratum	PERI
Cyperales	Poaceae	Schizachyrium scoparium	ACAD, ANTI, ASIS, BUFF, CATO, COLO, CUVA, GEWA, GWCA, HAFE, HEHO, HOME, HOSP, INDU, LIBO, MANA, MISS, MORR, OZAR, PERI, PIPE, PIRO, SACN, SAGA, SARA, SLBE, TAPR, THST, WICR
Cyperales	Poaceae	Secale cereale	CUVA, GATE, MIMA, SACN, SLBE
Cyperales	Poaceae	Setaria faberi	ANTI, ASIS, CATO, CUVA, GATE, GEWA, GWCA, HEHO, HOCU, HOME, INDU, MANA, MISS, OZAR, PIPE, PRWI, SACN, SARA, THST, WICR
Cyperales	Poaceae	Setaria glauca	ANTI, ASIS, CATO, COLO, CUVA, GATE, GEWA, GWCA, HAFE, HEHO, HOCU, MANA, MIMA, SAGA, SARA, TAPR, THST, WEFA
Cyperales	Poaceae	Setaria italica	HOCU, INDU
Cyperales	Poaceae	Setaria magna	COLO
Cyperales	Poaceae	Setaria parviflora	ANTI, ASIS, CATO, GATE, GEWA, GWCA, HOSP, MANA, OZAR, PERI, PRWI, WICR
Cyperales	Poaceae	Setaria pumila	ACAD, ANTI, OZAR, PERI, PIPE, VOYA
Cyperales	Poaceae	Setaria viridis	ACAD, ANTI, COLO, EFMO, GATE, GEWA, GRPO, GWCA, HEHO, HOCU, HOME, INDU, MANA, MISS, OZAR, PERI, PIPE, PRWI, SACN, SARA, SLBE, TAPR, VOYA, WICR
Cyperales	Poaceae	Sorghastrum elliottii	COLO
Cyperales	Poaceae	Sorghastrum nutans	ANTI, CUVA, EFMO, GATE, GWCA, HEHO, HOCU, HOME, HOSP, INDU, MANA, MISS, OZAR, PERI, PIPE, PRWI, SACN, SARA, TAPR, VOYA, WICR
Cyperales	Poaceae	Sorghum halepense	ANTI, ARPO, BUFF, COLO, GWCA, HOCU, HOSP, OZAR, PERI, TAPR, WICR
Cyperales	Poaceae	Spartina alterniflora	ACAD, ASIS, COLO, FIIS, GATE, GEWA
Cyperales	Poaceae	Spartina cynosuroides	ASIS, COLO, GEWA
Cyperales	Poaceae	Spartina patens	ACAD, ASIS, COLO, FIIS, GATE, GEWA
Cyperales	Poaceae	Spartina pectinata	ACAD, BUFF, CUVA, EFMO, GATE, GWCA, HEHO, HOME, INDU, MISS, PIPE, SACN, SAIR, SLBE, TAPR, VOYA
Cyperales	Poaceae	Sphenopholis intermedia	APIS, CATO, COLO, CUVA, INDU, PIRO, SACN, SLBE, VOYA
Cyperales	Poaceae	Sphenopholis nitida	ANTI, CATO, COLO, CUVA, INDU, MANA, PRWI
Cyperales	Poaceae	Sphenopholis obtusata	ANTI, ARPO, ASIS, BUFF, COLO, EFMO, GWCA, HOME, HOSP, MISS, OZAR, PERI, PIPE, PRWI, WICR
Cyperales	Poaceae	Sphenopholis pensylvanica	COLO, CUVA, MANA, PRWI
Cyperales	Poaceae	Sporobolus clandestinus	BUFF, COLO, HOSP, OZAR
Cyperales	Poaceae	Sporobolus compositus	GWCA, HOME, INDU, MISS, OZAR, PIPE, TAPR, WICR
Cyperales	Poaceae	Sporobolus cryptandrus	EFMO, GATE, INDU, MISS, PIPE, SACN, SLBE
Cyperales	Poaceae	Sporobolus heterolepis	EFMO, HOME, INDU, PIPE, SACN, TAPR, WICR
Cyperales	Poaceae	Sporobolus indicus	ASIS, COLO
Cyperales	Poaceae	Sporobolus neglectus	INDU, OZAR, PIPE, SACN, TAPR
Cyperales	Poaceae	Sporobolus vaginiflorus	ASIS, CATO, GATE, GWCA, INDU, MANA, OZAR, PIPE, PRWI, SACN, SARA, SLBE
Cyperales	Poaceae	Steinchisma hians	COLO
Cyperales	Poaceae	Thinopyrum intermedium	EFMO
Cyperales	Poaceae	Torreyochloa pallida	APIS, COLO, GRPO, INDU, ISRO, MIMA, PIRO, SACN, VOYA

Cyperales	Poaceae	Tridens flavus	ANTI, ARPO, ASIS, BUFF, COLO, CUVA, EFMO, GATE, GEWA, GWCA, HOCU, HOME, HOSP, INDU, LIBO, MANA, OZAR, PERI, PIPE, PRWI, TAPR, THST, WICR
Cyperales	Poaceae	Tridens strictus	ARPO, GWCA
Cyperales	Poaceae	Triplasis purpurea	ASIS, GATE, INDU, MANA, MISS
Cyperales	Poaceae	Tripsacum dactyloides	ASIS, COLO, GATE, GEWA, GWCA, HAFE, HOME, MANA, OZAR, PERI, PRWI, TAPR
Cyperales	Poaceae	Trisetum melicoides	CATO
Cyperales	Poaceae	Trisetum spicatum	APIS, GRPO, ISRO, PIRO
Cyperales	Poaceae	Triticum aestivum	ANTI, CATO, GEWA, HOCU, INDU, WICR
Cyperales	Poaceae	Uniola paniculata	ASIS
Cyperales	Poaceae	Vulpia myuros	ASIS, COLO, GATE, INDU, MIMA, PRWI, WICR
Cyperales	Poaceae	Vulpia octoflora	ASIS, GATE, GWCA, HOSP, INDU, LIBO, MANA, MISS, OZAR, PIPE, PRWI, SACN, TAPR, WICR
Cyperales	Poaceae	Zea mays	ANTI, INDU, LIBO, MABI
Cyperales	Poaceae	Zizania aquatica	ACAD, COLO, GEWA, INDU, MIMA, MISS, PIPE, SAIR
Cyperales	Poaceae	Zizania palustris	GRPO, MISS, SACN, VOYA
Cyperales	Poaceae	Zizaniopsis miliacea	COLO
Dilleniales	Paeoniaceae	Paeonia lactiflora	MABI, SAGA
Dipsacales	Adoxaceae	Adoxa moschatellina	GRPO
Dipsacales	Caprifoliaceae	Diervilla lonicera	ACAD, APIS, CATO, CUVA, GRPO, INDU, ISRO, MIMA, MISS, PIRO, SACN, SARA, SLBE, VOYA
Dipsacales	Caprifoliaceae	Kolkwitzia amabilis	GEWA
Dipsacales	Caprifoliaceae	Linnaea borealis	ACAD, APIS, GRPO, INDU, ISRO, PIRO, SACN, SLBE, VOYA
Dipsacales	Caprifoliaceae	Lonicera caerulea	VOYA
Dipsacales	Caprifoliaceae	Lonicera canadensis	ACAD, APIS, CUVA, GRPO, ISRO, MABI, MIMA, PIRO, PRWI, SACN, SAGA, SARA, SLBE, VOYA, WEFA
Dipsacales	Caprifoliaceae	Lonicera dioica	CATO, CUVA, EFMO, INDU, ISRO, MABI, MISS, OZAR, PERI, PIRO, SACN, SARA, SLBE, VOYA
Dipsacales	Caprifoliaceae	Lonicera flava	BUFF, OZAR
Dipsacales	Caprifoliaceae	Lonicera fragrantissima	HOSP, SARA
Dipsacales	Caprifoliaceae	Lonicera hirsuta	APIS, GRPO, ISRO, PIRO, SACN, SLBE, VOYA
Dipsacales	Caprifoliaceae	Lonicera involucrata	ISRO
Dipsacales	Caprifoliaceae	Lonicera japonica	ACAD, ANTI, ARPO, ASIS, BUFF, CATO, COLO, CUVA, FIIS, GATE, GEWA, GWCA, HAFE, HOCU, HOSP, INDU, LIBO, MANA, MIMA, MORR, PERI, PRWI, THST, WEFA, WICR
Dipsacales	Caprifoliaceae	Lonicera maackii	ANTI, CUVA, HOCU, MANA
Dipsacales	Caprifoliaceae	Lonicera morrowii	ACAD, ANTI, CATO, CUVA, GATE, HEHO, LIBO, MABI, MANA, MIMA, MORR, PIRO, SACN, SAGA, SARA, SLBE, VOYA, WEFA
Dipsacales	Caprifoliaceae	Lonicera oblongifolia	ISRO, PIRO, PRWI, SACN, VOYA
Dipsacales	Caprifoliaceae	Lonicera reticulata	INDU
Dipsacales	Caprifoliaceae	Lonicera ruprechtiana	INDU
Dipsacales	Caprifoliaceae	Lonicera sempervirens	ARPO, ASIS, COLO, HOSP, MIMA
Dipsacales	Caprifoliaceae	Lonicera tatarica	ANTI, APIS, CUVA, EFMO, GATE, HEHO, HOCU, INDU, ISRO, MABI, MIMA, MISS, MORR, PIPE, SACN, SARA, SLBE, VOYA
Dipsacales	Caprifoliaceae	Lonicera villosa	ACAD, APIS, ISRO, MORR, PIRO, SACN, VOYA
Dipsacales	Caprifoliaceae	Lonicera xylosteum	ACAD, CATO, CUVA, MABI, SLBE
Dipsacales	Caprifoliaceae	Sambucus nigra	ACAD, ANTI, ASIS, BUFF, CATO, COLO, CUVA, GATE, GEWA, GWCA, HAFE, HEHO, HOCU, HOME, HOSP, INDU, MABI, MANA, MIMA, MISS, OZAR, PERI, PIPE, PIRO, PRWI, SACN, SARA, SLBE, TAPR, THST, WEFA, WICR
Dipsacales	Caprifoliaceae	Sambucus racemosa	ACAD, APIS, CATO, CUVA, GATE, GRPO, HAFE, INDU, ISRO, MIMA, MISS, PIRO, SACN, SAGA, SARA, SLBE, VOYA
Dipsacales	Caprifoliaceae	Symphoricarpos albus	ACAD, GATE, GRPO, ISRO, MISS, SACN, SLBE, VOYA
Dipsacales	Caprifoliaceae	Symphoricarpos occidentalis	MISS, PIPE, SACN
Dipsacales	Caprifoliaceae	Symphoricarpos orbiculatus	ANTI, BUFF, COLO, GATE, GWCA, HOCU, HOME, HOSP, INDU, LIBO, MANA, MORR, OZAR, PERI, PIPE, PRWI, TAPR, WICR
Dipsacales	Caprifoliaceae	Triosteum angustifolium	CATO, PERI
Dipsacales	Caprifoliaceae	Triosteum aurantiacum	CUVA, EFMO, INDU, MIMA, MISS, SACN, SARA, SLBE
Dipsacales	Caprifoliaceae	Triosteum perfoliatum	CATO, CUVA, EFMO, MISS, OZAR, SACN, WICR
Dipsacales	Caprifoliaceae	Viburnum acerifolium	ACAD, ANTI, CATO, CUVA, GATE, HAFE, INDU, LIBO, MABI, MANA, MIMA, MORR, PRWI, SACN, SAGA, SARA, SLBE, THST, WEFA
Dipsacales	Caprifoliaceae	Viburnum dentatum	ACAD, ASIS, EFMO, HAFE, HOME, INDU, LIBO, MABI, MANA, MORR, PRWI, SAGA, SAIR, THST
Dipsacales	Caprifoliaceae	Viburnum edule	GRPO, ISRO
Dipsacales	Caprifoliaceae	Viburnum lantana	CUVA, MISS
Dipsacales	Caprifoliaceae	Viburnum lantanoides	ACAD, MABI, MORR, SAGA
Dipsacales	Caprifoliaceae	Viburnum lentago	ACAD, CUVA, EFMO, INDU, LIBO, MIMA, MISS, MORR, PIPE, PIRO, SACN, SAGA, SAIR, SARA, SLBE, VOYA, WEFA
Dipsacales	Caprifoliaceae	Viburnum molle	BUFF, GATE
Dipsacales	Caprifoliaceae	Viburnum nudum	ACAD, COLO, EFMO, GEWA, MABI, MIMA, PIRO, PRWI, SLBE, THST, WEFA
Dipsacales	Caprifoliaceae	Viburnum opulus	ACAD, APIS, CUVA, EFMO, GRPO, HOCU, INDU, ISRO, MABI, MIMA, MISS, SACN, SAGA, SLBE, VOYA
Dipsacales	Caprifoliaceae	Viburnum plicatum	CUVA
Dipsacales	Caprifoliaceae	Viburnum prunifolium	ANTI, BUFF, CATO, COLO, GATE, GEWA, GWCA, HAFE, HOSP, INDU, LIBO, MANA, MORR, OZAR, PERI, PRWI, THST, WEFA, WICR

Dipsacales	Caprifoliaceae	Viburnum rafinesquianum	APIS, CATO, CUVA, EFMO, GRPO, INDU, MIMA, MISS, PIPE, SACN, VOYA
Dipsacales	Caprifoliaceae	Viburnum rufidulum	BUFF, COLO, GWCA, HOSP, OZAR, PERI, WICR
Dipsacales	Caprifoliaceae	Viburnum setigerum	PRWI
Dipsacales	Caprifoliaceae	Viburnum sieboldii	MORR
Dipsacales	Caprifoliaceae	Weigela floribunda	GATE
Dipsacales	Caprifoliaceae	Weigela florida	CUVA
Dipsacales	Caprifoliaceae	Weigela japonica	GATE
Dipsacales	Dipsacaceae	Dipsacus fullonum	ANTI, CUVA, GWCA, HOCU, INDU, MANA, MIMA, PRWI, SAIR, SARA, WICR
Dipsacales	Dipsacaceae	Dipsacus laciniatus	MIMA, SARA
Dipsacales	Dipsacaceae	Scabiosa atropurpurea	MABI
Dipsacales	Valerianaceae	Valeriana edulis	MISS
Dipsacales	Valerianaceae	Valeriana officinalis	ACAD, ISRO, MORR, SACN, SAIR, SARA
Dipsacales	Valerianaceae	Valerianella chenopodiifolia	CUVA, HOCU, INDU
Dipsacales	Valerianaceae	Valerianella locusta	ANTI, CATO, COLO, GEWA, HOCU
Dipsacales	Valerianaceae	Valerianella radiata	ARPO, ASIS, BUFF, COLO, GEWA, GWCA, HOSP, MANA, OZAR, PERI, PRWI, TAPR, WICR
Dipsacales	Valerianaceae	Valerianella umbilicata	CUVA
Ebenales	Ebenaceae	Diospyros virginiana	ANTI, ARPO, ASIS, BUFF, CATO, COLO, GEWA, GWCA, HAFE, HOSP, LIBO, MANA, MORR, OZAR, PERI, PRWI, THST, WICR
Ebenales	Sapotaceae	Sideroxylon lanuginosum	ARPO, BUFF, GWCA, HOSP, OZAR, PERI, WICR
Ebenales	Sapotaceae	Sideroxylon lycioides	COLO
Ebenales	Symplocaceae	Symplocos tinctoria	COLO
Equisetales	Equisetaceae	Equisetum arvense	ACAD, ANTI, APIS, CATO, COLO, CUVA, EFMO, GATE, GEWA, GRPO, HEHO, HOCU, INDU, ISRO, MABI, MIMA, MISS, MORR, OZAR, PIPE, PIRO, PRWI, SACN, SAGA, SAIR, SARA, SLBE, VOYA, WEFA
Equisetales	Equisetaceae	Equisetum fluviatile	ACAD, APIS, EFMO, GRPO, INDU, ISRO, MISS, PIRO, SACN, SAGA, SLBE, VOYA
Equisetales	Equisetaceae	Equisetum hyemale	ANTI, APIS, CATO, COLO, CUVA, EFMO, GATE, GEWA, GRPO, HAFE, INDU, ISRO, MABI, OZAR, PIRO, PRWI, SACN, SAGA, SAIR, SARA, SLBE, VOYA
Equisetales	Equisetaceae	Equisetum laevigatum	APIS, EFMO, MISS, PIPE, SACN, SLBE, TAPR
Equisetales	Equisetaceae	Equisetum palustre	APIS, GRPO, ISRO, SACN, VOYA
Equisetales	Equisetaceae	Equisetum pratense	GRPO, ISRO, MIMA, MISS, PIRO, SACN, VOYA
Equisetales	Equisetaceae	Equisetum scirpoides	APIS, GRPO, ISRO, MABI, PIRO, SACN, SAGA, SLBE, VOYA
Equisetales	Equisetaceae	Equisetum sylvaticum	ACAD, APIS, GRPO, ISRO, MORR, PIRO, SACN, SARA, SLBE, VOYA
Equisetales	Equisetaceae	Equisetum variegatum	APIS, CUVA, INDU, ISRO, SAGA, SLBE, VOYA
Ericales	Clethraceae	Clethra alnifolia	ASIS, COLO, FIIS, GATE, MABI, MIMA, MORR, PRWI, SAIR, THST, WEFA
Ericales	Empetraceae	Corema conradii	ACAD
Ericales	Empetraceae	Empetrum nigrum	ACAD, ISRO, MIMA, PIRO
Ericales	Ericaceae	Andromeda polifolia	ACAD, APIS, INDU, ISRO, PIRO, SACN, SLBE, VOYA
Ericales	Ericaceae	Arctostaphylos uva-ursi	ACAD, APIS, FIIS, GATE, GRPO, INDU, ISRO, MISS, PIRO, SACN, SLBE, VOYA
Ericales	Ericaceae	Calluna vulgaris	ACAD
Ericales	Ericaceae	Chamaedaphne calyculata	ACAD, APIS, INDU, ISRO, MABI, MIMA, PIRO, SACN, SLBE, VOYA
Ericales	Ericaceae	Epigaea repens	ACAD, APIS, CATO, COLO, CUVA, FIIS, HAFE, INDU, MISS, MORR, PIRO, SACN, SAGA, SLBE, VOYA
Ericales	Ericaceae	Gaultheria hispidula	ACAD, APIS, EFMO, ISRO, PIRO, SACN, SLBE, VOYA
Ericales	Ericaceae	Gaultheria procumbens	ACAD, APIS, CATO, CUVA, FIIS, INDU, ISRO, MABI, MIMA, MORR, PIRO, SACN, SAGA, SARA, SLBE, VOYA, WEFA
Ericales	Ericaceae	Gaylussacia baccata	ACAD, APIS, ASIS, CATO, COLO, CUVA, FIIS, GATE, HAFE, INDU, MANA, MIMA, MORR, PIRO, PRWI, SACN, SARA, SLBE, THST, WEFA
Ericales	Ericaceae	Gaylussacia dumosa	ACAD, COLO, MIMA
Ericales	Ericaceae	Gaylussacia frondosa	CATO, COLO, MIMA, PRWI
Ericales	Ericaceae	Kalmia angustifolia	ACAD, MIMA
Ericales	Ericaceae	Kalmia latifolia	CATO, COLO, GATE, HAFE, MANA, MIMA, MORR, PRWI, THST, WEFA
Ericales	Ericaceae	Kalmia polifolia	ACAD, APIS, ISRO, MIMA, PIRO, SACN, SLBE, VOYA
Ericales	Ericaceae	Ledum groenlandicum	APIS, ISRO, PIRO, SACN, SLBE, VOYA
Ericales	Ericaceae	Leucothoe racemosa	COLO
Ericales	Ericaceae	Lyonia ligustrina	COLO, HOSP, MIMA, MORR, PRWI, SARA, WEFA
Ericales	Ericaceae	Lyonia mariana	FIIS, THST
Ericales	Ericaceae	Oxydendrum arboreum	COLO, PRWI
Ericales	Ericaceae	Pieris japonica	GATE
Ericales	Ericaceae	Rhododendron canadense	ACAD, GATE, MIMA
Ericales	Ericaceae	Rhododendron carolinianum	ANTI
Ericales	Ericaceae	Rhododendron maximum	CATO, CUVA, MIMA, MORR
Ericales	Ericaceae	Rhododendron periclymenoides	COLO, GEWA, HAFE, MANA, MIMA, PRWI, THST
Ericales	Ericaceae	Rhododendron prinophyllum	BUFF
Ericales	Ericaceae	Rhododendron viscosum	COLO, FIIS, MIMA, PRWI, WEFA
Ericales	Ericaceae	Vaccinium angustifolium	ACAD, APIS, CUVA, FIIS, GRPO, INDU, ISRO, MANA, MIMA, MISS, PIRO, PRWI, SACN, SARA, SLBE, VOYA, WEFA
Ericales	Ericaceae	Vaccinium arboreum	ARPO, BUFF, HOSP, OZAR
Ericales	Ericaceae	Vaccinium boreale	ACAD
Ericales	Ericaceae	Vaccinium caesariense	CATO

Ericales	Ericaceae	Vaccinium caespitosum	ACAD, ISRO, PIRO, VOYA
Ericales	Ericaceae	Vaccinium corymbosum	ACAD, ASIS, CATO, COLO, CUVA, FIIS, GATE, GEWA, INDU, MABI, MANA, MIMA, MORR, PRWI, SAGA, SARA, THST, WEFA
Ericales	Ericaceae	Vaccinium formosum	COLO, PRWI
Ericales	Ericaceae	Vaccinium fuscatum	INDU, MIMA, PRWI, WEFA
Ericales	Ericaceae	Vaccinium macrocarpon	ACAD, APIS, ASIS, FIIS, INDU, ISRO, PIRO, SACN, SLBE, VOYA
Ericales	Ericaceae	Vaccinium membranaceum	PIRO
Ericales	Ericaceae	Vaccinium myrtilloides	ACAD, APIS, GRPO, ISRO, MABI, MIMA, PIRO, PRWI, SACN, SLBE, VOYA
Ericales	Ericaceae	Vaccinium ovalifolium	PIRO
Ericales	Ericaceae	Vaccinium oxycoccos	ACAD, APIS, INDU, ISRO, PIRO, SACN, SLBE
Ericales	Ericaceae	Vaccinium oxycoccus	VOYA
Ericales	Ericaceae	Vaccinium pallidum	BUFF, CATO, COLO, CUVA, FIIS, GATE, HAFE, HOSP, INDU, MANA, MIMA, MORR, OZAR, PERI, PRWI, THST
Ericales	Ericaceae	Vaccinium stamineum	BUFF, CATO, COLO, HAFE, HOSP, MANA, MORR, OZAR, PERI, PRWI, THST
Ericales	Ericaceae	Vaccinium uliginosum	ACAD, ISRO
Ericales	Ericaceae	Vaccinium virgatum	HOSP
Ericales	Ericaceae	Vaccinium vitis-idaea	ACAD, APIS, ISRO, VOYA
Ericales	Monotropaceae	Monotropa hypopithys	ACAD, APIS, CATO, CUVA, INDU, ISRO, MIMA, OZAR, PIRO, PRWI, SACN, SAGA, SLBE, THST, VOYA, WEFA
Ericales	Monotropaceae	Monotropa uniflora	ACAD, APIS, ASIS, BUFF, CATO, COLO, CUVA, EFMO, FIIS, GATE, GEWA, GRPO, HAFE, HOCU, INDU, ISRO, MABI, MANA, MIMA, MORR, OZAR, PIRO, PRWI, SACN, SAGA, SARA, SLBE, THST, VOYA, WEFA
Ericales	Monotropaceae	Monotropsis odorata	MABI
Ericales	Monotropaceae	Pterospora andromedea	PIRO, SLBE
Ericales	Pyrolaceae	Chimaphila maculata	ANTI, ASIS, CATO, COLO, CUVA, GATE, GEWA, HAFE, INDU, MANA, MIMA, MORR, PRWI, SAGA, SLBE, THST, WEFA
Ericales	Pyrolaceae	Chimaphila umbellata	ACAD, APIS, CATO, CUVA, GRPO, INDU, ISRO, MANA, MIMA, MISS, PIRO, PRWI, SACN, SAGA, SLBE, THST, VOYA
Ericales	Pyrolaceae	Moneses uniflora	ACAD, APIS, GRPO, ISRO, MABI, MIMA, PIRO, SACN, SLBE, VOYA
Ericales	Pyrolaceae	Orthilia secunda	ACAD, APIS, GRPO, INDU, ISRO, PIRO, PRWI, SACN, SLBE, VOYA
Ericales	Pyrolaceae	Pyrola americana	ACAD, APIS, CUVA, INDU, ISRO, MIMA, MISS, MORR, PIRO, PRWI, SACN, SLBE, VOYA
Ericales	Pyrolaceae	Pyrola asarifolia	APIS, GRPO, ISRO, MISS, PIRO, SACN, SLBE, VOYA
Ericales	Pyrolaceae	Pyrola chlorantha	ACAD, APIS, GRPO, ISRO, PIRO, PRWI, SACN, SAGA, SLBE, VOYA
Ericales	Pyrolaceae	Pyrola elliptica	ACAD, APIS, CATO, CUVA, GRPO, INDU, ISRO, MABI, MIMA, MORR, PIRO, SACN, SAGA, SARA, SLBE, VOYA
Ericales	Pyrolaceae	Pyrola minor	ISRO, PIRO
Eriocaulales	Eriocaulaceae	Eriocaulon aquaticum	ACAD, APIS, EFMO, INDU, ISRO, PIRO, SACN, VOYA
Euphorbiales	Buxaceae	Buxus sempervirens	ANTI, PRWI
Euphorbiales	Buxaceae	Pachysandra terminalis	CUVA, MIMA
Euphorbiales	Euphorbiaceae	Acalypha deamii	EFMO
Euphorbiales	Euphorbiaceae	Acalypha gracilens	ANTI, ASIS, CATO, COLO, GEWA, OZAR, PERI, PRWI, SARA
Euphorbiales	Euphorbiaceae	Acalypha monococca	HOSP, PERI, TAPR
Euphorbiales	Euphorbiaceae	Acalypha ostryifolia	GWCA, TAPR
Euphorbiales	Euphorbiaceae	Acalypha rhomboidea	ANTI, CUVA, EFMO, GEWA, GWCA, HOCU, HOME, INDU, LIBO, MISS, OZAR, PRWI, SACN, THST
Euphorbiales	Euphorbiaceae	Acalypha virginica	ARPO, ASIS, CATO, COLO, CUVA, EFMO, GEWA, GWCA, HAFE, HOCU, LIBO, MANA, MIMA, OZAR, PIPE, TAPR
Euphorbiales	Euphorbiaceae	Chamaesyce geyeri	MISS, SACN
Euphorbiales	Euphorbiaceae	Chamaesyce glyptosperma	MISS, PIPE, SACN, SLBE, VOYA
Euphorbiales	Euphorbiaceae	Chamaesyce maculata	ANTI, APIS, ARPO, ASIS, BUFF, CUVA, EFMO, GEWA, GWCA, HOSP, INDU, MANA, MISS, OZAR, PRWI, SACN, SARA, WICR
Euphorbiales	Euphorbiaceae	Chamaesyce missurica	TAPR
Euphorbiales	Euphorbiaceae	Chamaesyce nutans	ANTI, ARPO, ASIS, CUVA, EFMO, GWCA, HAFE, HOME, HOSP, MANA, OZAR, PIPE, PRWI, SACN, TAPR, WICR
Euphorbiales	Euphorbiaceae	Chamaesyce polygonifolia	ASIS, COLO, FIIS, GEWA, INDU, SLBE
Euphorbiales	Euphorbiaceae	Chamaesyce prostrata	TAPR
Euphorbiales	Euphorbiaceae	Chamaesyce serpens	TAPR
Euphorbiales	Euphorbiaceae	Chamaesyce serpyllifolia	PIPE, SACN
Euphorbiales	Euphorbiaceae	Chamaesyce vermiculata	CUVA, SARA
Euphorbiales	Euphorbiaceae	Croton capitatus	ARPO, GWCA, INDU, OZAR, PERI, PRWI, TAPR
Euphorbiales	Euphorbiaceae	Croton glandulosus	ASIS, COLO, GWCA, INDU, OZAR, PERI, WICR
Euphorbiales	Euphorbiaceae	Croton monanthogynus	ARPO, BUFF, GWCA, HOSP, OZAR, PERI, TAPR, WICR
Euphorbiales	Euphorbiaceae	Croton willdenowii	BUFF, OZAR
Euphorbiales	Euphorbiaceae	Euphorbia commutata	BUFF, HOCU, OZAR
Euphorbiales	Euphorbiaceae	Euphorbia corollata	ANTI, BUFF, COLO, CUVA, EFMO, GEWA, GWCA, HEHO, HOME, HOSP, INDU, MANA, MISS, OZAR, PERI, PIPE, PRWI, SACN, TAPR, WICR
Euphorbiales	Euphorbiaceae	Euphorbia cyathophora	MISS, OZAR, PIPE, SACN, TAPR
Euphorbiales	Euphorbiaceae	Euphorbia cyparissias	ACAD, APIS, GATE, INDU, ISRO, MIMA, SACN, SLBE
Euphorbiales	Euphorbiaceae	Euphorbia davidii	HOME, SACN
Euphorbiales	Euphorbiaceae	Euphorbia dentata	ANTI, BUFF, CUVA, EFMO, GATE, GWCA, HOCU, HOME, HOSP, INDU, MISS, OZAR, PIPE, TAPR, WICR
Euphorbiales	Euphorbiaceae	Euphorbia esula	ANTI, INDU, MISS, MORR, PIPE, SACN, SAIR, SLBE
Euphorbiales	Euphorbiaceae	Euphorbia helioscopia	CUVA

Euphorbiales	Euphorbiaceae	Euphorbia maculata	ARPO, ASIS, CATO, COLO, CUVA, EFMO, GATE, HAFE, HEHO, HOCU, SARA, THST
Euphorbiales	Euphorbiaceae	Euphorbia marginata	EFMO, HOME, PRWI, TAPR
Euphorbiales	Euphorbiaceae	Euphorbia spathulata	ARPO, MISS, PIPE, TAPR
Euphorbiales	Euphorbiaceae	Leptopus phyllanthoides	OZAR, PERI
Euphorbiales	Euphorbiaceae	Phyllanthus carolinensis	COLO, GWCA, PRWI
Euphorbiales	Euphorbiaceae	Tragia betonicifolia	GWCA, TAPR, WICR
Euphorbiales	Euphorbiaceae	Tragia cordata	OZAR
Euphorbiales	Euphorbiaceae	Tragia ramosa	TAPR
Euphorbiales	Euphorbiaceae	Tragia urticifolia	BUFF
Fabales	Fabaceae	Acacia angustissima	BUFF
Fabales	Fabaceae	Aeschynomene virginica	COLO
Fabales	Fabaceae	Albizia julibrissin	ARPO, ASIS, BUFF, COLO, GATE, GEWA, HOCU, HOSP, LIBO, MANA, OZAR, PERI, PRWI
Fabales	Fabaceae	Amorpha canescens	EFMO, GWCA, HEHO, HOME, INDU, MISS, OZAR, PIPE, SACN, TAPR, WICR
Fabales	Fabaceae	Amorpha fruticosa	BUFF, CUVA, GATE, GEWA, HOSP, MIMA, MISS, OZAR, PIPE, SACN, TAPR
Fabales	Fabaceae	Amphicarpa bracteata	CUVA, MANA, MORR, PRWI
Fabales	Fabaceae	Amphicarpaea bracteata	ACAD, ANTI, BUFF, CATO, COLO, CUVA, EFMO, GWCA, HOCU, HOSP, INDU, LIBO, MABI, MANA, MIMA, MISS, OZAR, PERI, PIPE, SACN, SAGA, SARA, THST, VOYA, WEFA, WICR
Fabales	Fabaceae	Apios americana	ASIS, BUFF, CATO, COLO, CUVA, EFMO, GATE, GEWA, HAFE, INDU, MABI, MIMA, MORR, OZAR, PRWI, SACN, SAGA, SARA, WEFA
Fabales	Fabaceae	Astragalus agrestis	PIPE
Fabales	Fabaceae	Astragalus canadensis	EFMO, GRPO, HEHO, HOME, MISS, OZAR, PIPE, SACN, VOYA
Fabales	Fabaceae	Astragalus crassicarpus	MISS, OZAR, PIPE, SACN, TAPR, WICR
Fabales	Fabaceae	Astragalus distortus	WICR
Fabales	Fabaceae	Astragalus lotiflorus	TAPR
Fabales	Fabaceae	Astragalus racemosus	PIPE
Fabales	Fabaceae	Baptisia alba	EFMO, GWCA, HEHO, HOME, INDU, MISS, SACN, WICR
Fabales	Fabaceae	Baptisia australis	HAFE, TAPR, WICR
Fabales	Fabaceae	Baptisia bracteata	BUFF, EFMO, HOME, HOSP, MISS, OZAR, PERI, SACN, TAPR, WICR
Fabales	Fabaceae	Baptisia tinctoria	ASIS, CATO, COLO, CUVA, GATE, INDU, MANA, MIMA, PRWI, THST
Fabales	Fabaceae	Caragana arborescens	APIS, VOYA
Fabales	Fabaceae	Centrosema virginianum	ASIS, COLO
Fabales	Fabaceae	Cercis canadensis	ANTI, ARPO, BUFF, CATO, COLO, CUVA, GATE, GEWA, GWCA, HAFE, HEHO, HOCU, HOSP, INDU, LIBO, MANA, MORR, OZAR, PERI, PRWI, TAPR, THST, WICR
Fabales	Fabaceae	Chamaecrista fasciculata	ARPO, ASIS, BUFF, COLO, EFMO, GATE, GEWA, GWCA, HOME, INDU, LIBO, MANA, MISS, OZAR, PERI, PRWI, SACN, TAPR, THST, WICR
Fabales	Fabaceae	Chamaecrista nictitans	ASIS, COLO, GEWA, HAFE, INDU, MANA, MORR, OZAR, PRWI, THST, WICR
Fabales	Fabaceae	Cladrastis kentukea	BUFF, MIMA, SACN
Fabales	Fabaceae	Clitoria mariana	ARPO, BUFF, COLO, HOSP, MANA, OZAR, PERI, PRWI
Fabales	Fabaceae	Coronilla varia	ACAD, ANTI, APIS, CATO, COLO, CUVA, GATE, GWCA, HEHO, INDU, MANA, MIMA, MORR, OZAR, PERI, PIPE, PRWI, SACN, SARA, SLBE, VOYA
Fabales	Fabaceae	Crotalaria sagittalis	COLO, INDU, OZAR, PRWI, SACN
Fabales	Fabaceae	Cytisus scoparius	COLO, GATE, MIMA
Fabales	Fabaceae	Dalea aurea	TAPR
Fabales	Fabaceae	Dalea candida	BUFF, EFMO, GWCA, HOME, MISS, OZAR, PIPE, SACN, TAPR, WICR
Fabales	Fabaceae	Dalea multiflora	TAPR
Fabales	Fabaceae	Dalea purpurea	BUFF, EFMO, GWCA, HOME, INDU, MISS, OZAR, PERI, PIPE, SACN, TAPR, WICR
Fabales	Fabaceae	Dalea villosa	MISS, SACN
Fabales	Fabaceae	Desmanthus illinoensis	ARPO, COLO, GWCA, HOME, TAPR, WICR
Fabales	Fabaceae	Desmodium canadense	CUVA, EFMO, HEHO, HOME, INDU, MIMA, MISS, MORR, SACN, SAGA, SLBE, VOYA, WEFA
Fabales	Fabaceae	Desmodium canescens	ANTI, ARPO, ASIS, COLO, CUVA, GEWA, GWCA, HOCU, MANA
Fabales	Fabaceae	Desmodium ciliare	ARPO, ASIS, INDU, MANA, OZAR, PERI, PRWI, WICR
Fabales	Fabaceae	Desmodium cuspidatum	CUVA, OZAR, PERI, TAPR
Fabales	Fabaceae	Desmodium dillenii	CATO
Fabales	Fabaceae	Desmodium glabellum	ASIS, CATO, CUVA, EFMO, GEWA, INDU, MANA, OZAR, PRWI, THST
Fabales	Fabaceae	Desmodium glutinosum	BUFF, CUVA, EFMO, GWCA, INDU, MIMA, MISS, OZAR, PERI, SACN, SAGA, SARA, WEFA, WICR
Fabales	Fabaceae	Desmodium illinoense	EFMO, GWCA, HEHO, HOME, INDU, MISS, SACN, TAPR, WICR
Fabales	Fabaceae	Desmodium laevigatum	CUVA, GEWA, MANA, OZAR, PERI, PRWI
Fabales	Fabaceae	Desmodium lineatum	COLO
Fabales	Fabaceae	Desmodium marilandicum	INDU, MANA, OZAR, PERI, PRWI
Fabales	Fabaceae	Desmodium nudiflorum	BUFF, CATO, COLO, CUVA, EFMO, HAFE, HOCU, HOSP, INDU, MANA, OZAR, PERI, PRWI, SACN, SARA, THST, WEFA
Fabales	Fabaceae	Desmodium nuttallii	GWCA, OZAR, PERI
Fabales	Fabaceae	Desmodium obtusum	ASIS, GWCA, OZAR, PRWI, WICR
Fabales	Fabaceae	Desmodium paniculatum	ANTI, ARPO, ASIS, BUFF, CATO, COLO, CUVA, GWCA, HOSP, INDU, LIBO, MANA, MIMA, MORR, OZAR, PRWI, THST, WEFA
Fabales	Fabaceae	Desmodium pauciflorum	BUFF, COLO, PERI, PRWI

Fabales	Fabaceae	Desmodium perplexum	ANTI, BUFF, COLO, HOSP, MANA
Fabales	Fabaceae	Desmodium rotundifolium	BUFF, CATO, COLO, CUVA, INDU, MANA, OZAR, PERI, PRWI, WICR
Fabales	Fabaceae	Desmodium sessilifolium	ASIS, GWCA, INDU, TAPR
Fabales	Fabaceae	Desmodium viridiflorum	COLO, MANA
Fabales	Fabaceae	Galactia regularis	ANTI, BUFF, GEWA, PERI
Fabales	Fabaceae	Galactia volubilis	ANTI, COLO, MANA, OZAR
Fabales	Fabaceae	Genista tinctoria	ACAD
Fabales	Fabaceae	Gleditsia triacanthos	ANTI, ARPO, BUFF, CATO, COLO, CUVA, EFMO, GATE, GWCA, HEHO, HOCU, HOME, INDU, LIBO, MANA, MIMA, MORR, OZAR, PERI, PRWI, SAGA, SARA, SLBE, TAPR, WICR
Fabales	Fabaceae	Glycine max	MABI
Fabales	Fabaceae	Glycyrrhiza lepidota	HOME, INDU, MISS, PIPE, SACN, TAPR, VOYA
Fabales	Fabaceae	Gymnocladus dioicus	ANTI, CATO, EFMO, GWCA, HOCU, INDU, MIMA, MISS, MORR, TAPR, THST
Fabales	Fabaceae	Kummerowia stipulacea	ASIS, COLO, GEWA, GWCA, MANA, OZAR, PRWI, TAPR, WICR
Fabales	Fabaceae	Kummerowia striata	ASIS, COLO, GEWA, GWCA, HOSP, LIBO, MANA, OZAR, PRWI, THST
Fabales	Fabaceae	Lathyrus hirsutus	COLO
Fabales	Fabaceae	Lathyrus japonicus	ACAD, APIS, FIIS, GATE, GRPO, INDU, ISRO, PIRO, SLBE
Fabales	Fabaceae	Lathyrus latifolius	APIS, ARPO, CUVA, GATE, GEWA, INDU, MORR, PRWI, SARA, SLBE, WICR
Fabales	Fabaceae	Lathyrus ochroleucus	APIS, GRPO, INDU, ISRO, MISS, SACN, VOYA
Fabales	Fabaceae	Lathyrus palustris	ACAD, APIS, CUVA, INDU, MISS, SACN, SLBE, VOYA
Fabales	Fabaceae	Lathyrus pratensis	ACAD
Fabales	Fabaceae	Lathyrus pusillus	ARPO
Fabales	Fabaceae	Lathyrus sylvestris	APIS, GATE, PIRO, SLBE
Fabales	Fabaceae	Lathyrus venosus	EFMO, HOSP, INDU, MISS, OZAR, PIPE, SACN, SLBE, VOYA
Fabales	Fabaceae	Lespedeza bicolor	PRWI
Fabales	Fabaceae	Lespedeza capitata	EFMO, GATE, GWCA, HEHO, HOME, INDU, MANA, MIMA, MISS, OZAR, SACN, SARA, TAPR, WICR
Fabales	Fabaceae	Lespedeza cuneata	ASIS, BUFF, COLO, EFMO, GATE, GEWA, GWCA, HOSP, INDU, LIBO, MANA, OZAR, PERI, PRWI, THST, WICR
Fabales	Fabaceae	Lespedeza hirta	CUVA, HOSP, INDU, MIMA, OZAR, PERI
Fabales	Fabaceae	Lespedeza leptostachya	MISS
Fabales	Fabaceae	Lespedeza procumbens	ASIS, BUFF, CATO, GEWA, GWCA, HOSP, MANA, OZAR, PERI, PRWI
Fabales	Fabaceae	Lespedeza repens	ASIS, BUFF, COLO, GEWA, GWCA, HOSP, MANA, OZAR, PERI, PRWI, THST
Fabales	Fabaceae	Lespedeza stuevei	COLO, GWCA, HOSP
Fabales	Fabaceae	Lespedeza violacea	ASIS, BUFF, CATO, GEWA, GWCA, HOSP, INDU, MANA, MIMA, PRWI, TAPR, WICR
Fabales	Fabaceae	Lespedeza virginica	BUFF, CATO, GATE, GWCA, HAFE, HOSP, INDU, LIBO, MANA, MIMA, MORR, OZAR, PERI, PRWI, TAPR
Fabales	Fabaceae	Lotus corniculatus	ACAD, APIS, COLO, CUVA, EFMO, GATE, GRPO, HEHO, INDU, MANA, MIMA, PERI, PRWI, SACN, SAIR, SARA, SLBE, VOYA
Fabales	Fabaceae	Lotus unifoliolatus	HOME, PIPE
Fabales	Fabaceae	Lupinus perennis	EFMO, INDU, MIMA, SACN
Fabales	Fabaceae	Lupinus polyphyllus	ACAD, APIS, ISRO
Fabales	Fabaceae	Macroptilium gibbosifolium	MABI
Fabales	Fabaceae	Medicago lupulina	ACAD, APIS, ARPO, ASIS, CATO, COLO, CUVA, EFMO, GATE, GEWA, GRPO, GWCA, HEHO, HOCU, HOME, INDU, ISRO, MABI, MIMA, MISS, OZAR, PERI, PIPE, PIRO, PRWI, SACN, SAGA, SAIR, SARA, SLBE, TAPR, VOYA, WEFA, WICR
Fabales	Fabaceae	Medicago minima	COLO, TAPR
Fabales	Fabaceae	Medicago sativa	APIS, CUVA, EFMO, GATE, GRPO, HOCU, INDU, ISRO, MABI, MIMA, MISS, PIPE, PIRO, SACN, SARA, VOYA, WICR
Fabales	Fabaceae	Melilotus alba	APIS, ASIS, CATO, COLO, CUVA, GATE, GEWA, GRPO, HAFE, HEHO, ISRO, MABI, MIMA, MISS, MORR, PIRO, PRWI, SACN, SARA, SLBE, VOYA
Fabales	Fabaceae	Melilotus altissimus	CUVA, SARA
Fabales	Fabaceae	Melilotus officinalis	ACAD, ANTI, ASIS, CATO, COLO, GATE, GRPO, GWCA, HAFE, HEHO, INDU, ISRO, MABI, MANA, MIMA, MISS, MORR, PIRO, PRWI, SACN, SLBE, VOYA, WICR
Fabales	Fabaceae	Mimosa nuttallii	ARPO, GWCA, OZAR, TAPR, WICR
Fabales	Fabaceae	Mimosa quadrivalvis	ARPO, BUFF, PERI
Fabales	Fabaceae	Mimosa strigillosa	ARPO
Fabales	Fabaceae	Orbexilum pedunculatum	GWCA, HOSP, OZAR, PERI
Fabales	Fabaceae	Oxytropis lambertii	MISS, PIPE
Fabales	Fabaceae	Pediomelum argophyllum	MISS, PIPE, SACN, TAPR
Fabales	Fabaceae	Pediomelum esculentum	PIPE, SACN, TAPR, WICR
Fabales	Fabaceae	Phaseolus polystachios	BUFF, PRWI, SARA
Fabales	Fabaceae	Pisum sativum	MABI
Fabales	Fabaceae	Psoralidium tenuiflorum	HOME, TAPR
Fabales	Fabaceae	Pueraria montana	COLO, HAFE, HOSP
Fabales	Fabaceae	Rhynchosia latifolia	BUFF, PERI
Fabales	Fabaceae	Robinia hispida	INDU, PRWI, WICR
Fabales	Fabaceae	Robinia pseudoacacia	ACAD, ANTI, APIS, ARPO, ASIS, BUFF, CATO, COLO, CUVA, EFMO, FIIS, GATE, GEWA, GWCA, HAFE, HOCU, HOSP, INDU, LIBO, MABI, MANA, MIMA, MISS, MORR, OZAR, PERI, PRWI, SACN, SAIR, SARA, SLBE, TAPR, THST, WEFA, WICR

Fabales	Fabaceae	Robinia pseudo-acacia	ANTI, CATO, GATE, PRWI, SAGA
Fabales	Fabaceae	Robinia viscosa	INDU, MIMA
Fabales	Fabaceae	Senna hebecarpa	HAFE, MANA, PRWI, SARA
Fabales	Fabaceae	Senna marilandica	BUFF, CATO, GWCA, OZAR, PERI, PRWI, TAPR, WICR
Fabales	Fabaceae	Strophostyles helvola	ASIS, GATE
Fabales	Fabaceae	Strophostyles helvula	COLO, EFMO, FIIS, GEWA, GWCA, INDU, MISS, OZAR, SACN, WICR
Fabales	Fabaceae	Strophostyles leiosperma	GWCA, INDU, SACN, TAPR
Fabales	Fabaceae	Strophostyles umbellata	ASIS, COLO, GEWA, MANA, OZAR, PRWI
Fabales	Fabaceae	Stylosanthes biflora	ARPO, BUFF, COLO, GEWA, GWCA, HOSP, MANA, OZAR, PERI, PRWI
Fabales	Fabaceae	Tephrosia virginiana	BUFF, GWCA, HOSP, INDU, MANA, OZAR, PERI, PRWI, WICR
Fabales	Fabaceae	Thermopsis mollis	ACAD
Fabales	Fabaceae	Trifolium arvense	ACAD, ANTI, APIS, ASIS, COLO, EFMO, GATE, GEWA, GWCA, INDU, MABI, MANA, MIMA, PERI, PRWI, SACN, SAGA, SAIR, SARA, SLBE, THST, VOYA
Fabales	Fabaceae	Trifolium aureum	ACAD, ANTI, APIS, ASIS, CATO, CUVA, GRPO, INDU, ISRO, MIMA, MORR, PRWI, SACN, SAGA, SLBE, VOYA, WEFA
Fabales	Fabaceae	Trifolium campestre	ACAD, ANTI, ASIS, BUFF, CATO, COLO, GWCA, HEHO, HOCU, INDU, LIBO, MANA, MORR, PERI, PRWI, SACN, SARA, THST, VOYA, WICR
Fabales	Fabaceae	Trifolium dubium	ANTI, ARPO, ASIS, BUFF, COLO, CUVA, GATE, GEWA, GWCA, INDU, LIBO, MORR, PRWI, SLBE
Fabales	Fabaceae	Trifolium hybridum	ACAD, ANTI, APIS, COLO, CUVA, EFMO, GATE, GRPO, GWCA, HAFE, HEHO, HOCU, INDU, ISRO, LIBO, MANA, MIMA, MISS, MORR, PIPE, PIRO, SACN, SAIR, SARA, SLBE, VOYA
Fabales	Fabaceae	Trifolium incarnatum	ASIS, HOCU
Fabales	Fabaceae	Trifolium pratense	ACAD, ANTI, APIS, ASIS, CATO, COLO, CUVA, EFMO, FIIS, GATE, GEWA, GRPO, GWCA, HAFE, HEHO, HOCU, INDU, ISRO, MABI, MANA, MIMA, MISS, MORR, OZAR, PERI, PIPE, PIRO, PRWI, SACN, SAGA, SAIR, SARA, SLBE, THST, VOYA, WEFA, WICR
Fabales	Fabaceae	Trifolium reflexum	MANA, WICR
Fabales	Fabaceae	Trifolium repens	ACAD, ANTI, APIS, ARPO, ASIS, BUFF, CATO, COLO, CUVA, EFMO, GATE, GEWA, GRPO, GWCA, HAFE, HEHO, HOME, INDU, ISRO, LIBO, MABI, MANA, MIMA, MISS, MORR, OZAR, PERI, PIPE, PIRO, PRWI, SACN, SAGA, SAIR, SARA, SLBE, TAPR, THST, VOYA, WEFA, WICR
Fabales	Fabaceae	Vicia americana	APIS, ARPO, CUVA, GATE, GRPO, HOME, INDU, ISRO, MISS, PIPE, PIRO, SACN, TAPR, VOYA
Fabales	Fabaceae	Vicia caroliniana	COLO, CUVA, EFMO, HOSP, MANA, OZAR, SACN
Fabales	Fabaceae	Vicia cracca	ACAD, APIS, CUVA, GATE, GRPO, HOCU, MABI, MANA, MIMA, MORR, SAGA, SAIR, SARA, VOYA, WEFA
Fabales	Fabaceae	Vicia grandiflora	GATE
Fabales	Fabaceae	Vicia hirsuta	ASIS, COLO, MIMA
Fabales	Fabaceae	Vicia lathyroides	COLO
Fabales	Fabaceae	Vicia sativa	ACAD, APIS, ARPO, ASIS, COLO, GATE, GWCA, MANA, MORR, PERI, PIRO, PRWI, SACN, SLBE
Fabales	Fabaceae	Vicia sepium	ISRO
Fabales	Fabaceae	Vicia tetrasperma	ACAD, GATE, MANA, MIMA, MORR, PRWI, SARA, SLBE
Fabales	Fabaceae	Vicia villosa	APIS, ASIS, COLO, CUVA, GATE, GWCA, HEHO, INDU, MISS, PERI, SACN, SLBE, WICR
Fabales	Fabaceae	Wisteria floribunda	GATE
Fabales	Fabaceae	Wisteria frutescens	GATE, INDU, MIMA, PRWI
Fabales	Fabaceae	Wisteria sinensis	ARPO, COLO, GATE, HOSP, MIMA, PRWI
Fagales	Betulaceae	Alnus glutinosa	CUVA, GATE, MABI
Fagales	Betulaceae	Alnus incana	ACAD, APIS, EFMO, GRPO, INDU, ISRO, LIBO, MABI, MORR, PIRO, SACN, SAGA, SAIR, SLBE, VOYA, WEFA
Fagales	Betulaceae	Alnus serrulata	ACAD, CATO, COLO, CUVA, EFMO, GEWA, HAFE, HOSP, MIMA, MORR, OZAR, PRWI, SAGA, SARA, THST, WEFA
Fagales	Betulaceae	Alnus viridis	ACAD, APIS, GRPO, ISRO, PIRO, SACN, VOYA
Fagales	Betulaceae	Betula alleghaniensis	ACAD, ANTI, APIS, CATO, EFMO, HAFE, INDU, ISRO, MANA, MISS, PIRO, SACN, SLBE, VOYA
Fagales	Betulaceae	Betula nigra	ANTI, BUFF, CATO, COLO, EFMO, HAFE, INDU, LIBO, MANA, MIMA, OZAR, PRWI, SACN, SARA, THST
Fagales	Betulaceae	Betula papyrifera	ACAD, APIS, EFMO, GRPO, INDU, ISRO, LIBO, MABI, MIMA, MISS, PIRO, SACN, SAGA, SARA, SLBE, VOYA
Fagales	Betulaceae	Betula pendula	ANTI, CATO, CUVA, EFMO, INDU, MIMA
Fagales	Betulaceae	Betula populifolia	ACAD, CUVA, EFMO, GATE, INDU, MABI, MIMA, MORR, SAGA, SARA, WEFA
Fagales	Betulaceae	Betula pumila	APIS, INDU, ISRO, MISS, PIRO, SACN, SLBE, VOYA
Fagales	Betulaceae	Carpinus caroliniana	ACAD, ANTI, BUFF, CATO, COLO, CUVA, EFMO, HAFE, HOCU, HOSP, INDU, LIBO, MABI, MANA, MIMA, MISS, MORR, OZAR, PRWI, SACN, SAGA, SARA, THST, WEFA
Fagales	Betulaceae	Corylus americana	APIS, BUFF, CATO, CUVA, EFMO, GWCA, INDU, LIBO, MANA, MIMA, MISS, MORR, OZAR, PERI, PRWI, SACN, SARA, THST, VOYA, WICR
Fagales	Betulaceae	Corylus cornuta	ACAD, APIS, CATO, EFMO, GRPO, HAFE, ISRO, MABI, MIMA, MISS, PIRO, SACN, SAGA, SARA, SLBE, VOYA, WEFA
Fagales	Betulaceae	Ostrya virginiana	ACAD, ANTI, APIS, BUFF, CATO, COLO, CUVA, EFMO, GWCA, HAFE, HOCU, HOSP, INDU, ISRO, LIBO, MABI, MANA, MIMA, MISS, MORR, OZAR, PERI, PIRO, PRWI, SACN, SAGA, SARA, SLBE, VOYA, WEFA
Fagales	Fagaceae	Castanea crenata	MIMA
Fagales	Fagaceae	Castanea dentata	ANTI, CATO, CUVA, INDU, LIBO, MABI, MIMA, MORR, PRWI, SARA, SLBE, WEFA

Fagales	Fagaceae	Castanea mollissima	CATO, MANA, MORR
Fagales	Fagaceae	Castanea pumila	BUFF, HOSP, PERI, PRWI
Fagales	Fagaceae	Fagus grandifolia	ACAD, ANTI, BUFF, CATO, COLO, CUVA, EFMO, GEWA, HAFE, HOCU, INDU, MABI, MANA, MIMA, MORR, PIRO, PRWI, SAGA, SAIR, SARA, SLBE, THST, WEFA
Fagales	Fagaceae	Fagus sylvatica	MIMA, MORR
Fagales	Fagaceae	Quercus acutissima	ASIS
Fagales	Fagaceae	Quercus alba	ANTI, ARPO, BUFF, CATO, COLO, CUVA, EFMO, FIIS, GATE, GEWA, HAFE, HOCU, HOSP, INDU, LIBO, MANA, MIMA, MISS, MORR, OZAR, PERI, PRWI, SACN, SAGA, SAIR, SARA, SLBE, THST, WEFA, WICR
Fagales	Fagaceae	Quercus bicolor	ANTI, CUVA, EFMO, GATE, HEHO, HOCU, INDU, MANA, MIMA, MISS, MORR, PRWI, SARA
Fagales	Fagaceae	Quercus buckleyi	ARPO
Fagales	Fagaceae	Quercus coccinea	ANTI, CATO, COLO, CUVA, EFMO, GATE, HAFE, HOCU, MANA, MIMA, MORR, OZAR, PRWI, SAIR, SARA, SLBE, THST, WEFA
Fagales	Fagaceae	Quercus ellipsoidalis	APIS, EFMO, INDU, MISS, SACN, VOYA
Fagales	Fagaceae	Quercus falcata	ARPO, ASIS, BUFF, COLO, GEWA, HOSP, MANA, PERI, PRWI, THST, WICR
Fagales	Fagaceae	Quercus ilicifolia	ACAD, CATO, FIIS, MIMA, PRWI
Fagales	Fagaceae	Quercus imbricaria	CUVA, HOCU, INDU, LIBO, WICR
Fagales	Fagaceae	Quercus laurifolia	COLO
Fagales	Fagaceae	Quercus lyrata	COLO
Fagales	Fagaceae	Quercus macrocarpa	CUVA, EFMO, GWCA, HAFE, HEHO, HOCU, HOME, INDU, MIMA, MISS, OZAR, PIPE, SACN, SARA, TAPR, VOYA, WICR
Fagales	Fagaceae	Quercus marilandica	ARPO, BUFF, COLO, GWCA, HOSP, OZAR, PRWI, THST, WICR
Fagales	Fagaceae	Quercus michauxii	ANTI, ARPO, CATO, COLO, GEWA
Fagales	Fagaceae	Quercus muehlenbergii	ANTI, COLO, CUVA, EFMO, GEWA, HAFE, HOCU, LIBO, MANA, OZAR, PERI
Fagales	Fagaceae	Quercus muhlenbergii	BUFF, GWCA, HOSP, WICR
Fagales	Fagaceae	Quercus nigra	ASIS, CATO, COLO, GWCA, MORR, PRWI
Fagales	Fagaceae	Quercus pagoda	ARPO, COLO, GEWA, PERI
Fagales	Fagaceae	Quercus palustris	ANTI, ASIS, CATO, COLO, CUVA, EFMO, GATE, GEWA, GWCA, HOCU, INDU, LIBO, MANA, MIMA, MORR, PERI, PRWI, SARA, THST, WEFA
Fagales	Fagaceae	Quercus phellos	ARPO, ASIS, CATO, COLO, GATE, GEWA, GWCA, MANA, PRWI, THST
Fagales	Fagaceae	Quercus prinoides	GWCA, MANA, MIMA, PERI
Fagales	Fagaceae	Quercus prinus	ANTI, CATO, CUVA, GEWA, GWCA, HAFE, LIBO, MABI, MANA, MIMA, MORR, PRWI, WEFA
Fagales	Fagaceae	Quercus rubra	ACAD, ANTI, APIS, BUFF, CATO, COLO, CUVA, GATE, GEWA, GWCA, HAFE, HOCU, HOME, HOSP, INDU, ISRO, LIBO, MABI, MANA, MIMA, MISS, OZAR, PERI, PIRO, PRWI, SACN, SAGA, SARA, SLBE, THST, VOYA, WEFA, WICR
Fagales	Fagaceae	Quercus shumardii	BUFF, GWCA, HAFE, HOSP, MANA, OZAR, PERI, WICR
Fagales	Fagaceae	Quercus similis	ARPO
Fagales	Fagaceae	Quercus stellata	ANTI, ARPO, ASIS, COLO, FIIS, GEWA, GWCA, HAFE, HOSP, LIBO, MANA, OZAR, PERI, PRWI, THST, WICR
Fagales	Fagaceae	Quercus velutina	ANTI, BUFF, CATO, COLO, CUVA, EFMO, FIIS, GATE, GEWA, GWCA, HAFE, HOSP, INDU, LIBO, MANA, MIMA, MORR, OZAR, PERI, PRWI, SARA, SLBE, THST, WEFA, WICR
Gentianales	Apocynaceae	Amsonia illustris	GWCA, OZAR, WICR
Gentianales	Apocynaceae	Amsonia tabernaemontana	GWCA, HOSP, PERI
Gentianales	Apocynaceae	Apocynum androsaemifolium	ACAD, APIS, CATO, CUVA, EFMO, GRPO, INDU, ISRO, MABI, MANA, MIMA, MISS, MORR, PIRO, SACN, SAGA, SARA, SLBE, VOYA, WEFA
Gentianales	Apocynaceae	Apocynum cannabinum	ANTI, APIS, ASIS, CATO, COLO, CUVA, EFMO, GATE, GEWA, GWCA, HAFE, HEHO, HOCU, HOME, INDU, LIBO, MABI, MANA, MIMA, MISS, MORR, OZAR, PERI, PIPE, PRWI, SACN, SAGA, SARA, SLBE, TAPR, THST, VOYA, WEFA, WICR
Gentianales	Apocynaceae	Trachelospermum difforme	ARPO, HOSP
Gentianales	Apocynaceae	Vinca major	ARPO, COLO, GATE, GEWA, HOSP, MANA, PERI
Gentianales	Apocynaceae	Vinca minor	ANTI, APIS, ASIS, CATO, COLO, CUVA, EFMO, GATE, GEWA, HAFE, HOCU, INDU, ISRO, LIBO, MABI, MANA, MIMA, MORR, PIRO, PRWI, SAGA, SAIR, SARA, SLBE, WEFA
Gentianales	Asclepiadaceae	Asclepias amplexicaulis	EFMO, GWCA, INDU, MIMA, MISS, PRWI
Gentianales	Asclepiadaceae	Asclepias asperula	TAPR
Gentianales	Asclepiadaceae	Asclepias exaltata	CATO, CUVA, EFMO, INDU, MIMA, MISS, MORR, SACN, SAGA
Gentianales	Asclepiadaceae	Asclepias hirtella	EFMO, GWCA, INDU, WICR
Gentianales	Asclepiadaceae	Asclepias incarnata	APIS, ASIS, COLO, CUVA, EFMO, GATE, GEWA, GWCA, HAFE, HOCU, INDU, MABI, MANA, MIMA, MISS, OZAR, PERI, PIPE, PIRO, PRWI, SACN, SAGA, SAIR, SARA, SLBE, VOYA, WICR
Gentianales	Asclepiadaceae	Asclepias lanceolata	ASIS, COLO
Gentianales	Asclepiadaceae	Asclepias lanuginosa	MISS
Gentianales	Asclepiadaceae	Asclepias ovalifolia	MISS, PIPE, SACN
Gentianales	Asclepiadaceae	Asclepias purpurascens	COLO, EFMO, GWCA, INDU, MANA, OZAR, PERI, WICR
Gentianales	Asclepiadaceae	Asclepias quadrifolia	ANTI, BUFF, CATO, CUVA, HOSP, MANA, OZAR, PERI
Gentianales	Asclepiadaceae	Asclepias speciosa	PIPE
Gentianales	Asclepiadaceae	Asclepias stenophylla	HOME, TAPR
Gentianales	Asclepiadaceae	Asclepias sullivantii	HOME, INDU, MISS, TAPR

Gentianales	Asclepiadaceae	Asclepias syriaca	ACAD, ANTI, APIS, ASIS, CATO, COLO, CUVA, EFMO, GATE, GEWA, GWCA, HEHO, HOCU, HOME, INDU, LIBO, MABI, MANA, MIMA, MORR, PIPE, PIRO, PRWI, SACN, SAGA, SAIR, SARA, SLBE, TAPR, THST, VOYA, WEFA, WICR
Gentianales	Asclepiadaceae	Asclepias tuberosa	ANTI, ARPO, ASIS, CATO, COLO, EFMO, GATE, GEWA, GWCA, HAFE, HEHO, HOCU, HOME, HOSP, INDU, LIBO, MIMA, MISS, MORR, OZAR, PERI, PRWI, SACN, SARA, SLBE, TAPR, THST, WEFA, WICR
Gentianales	Asclepiadaceae	Asclepias variegata	COLO, HOSP, MORR, PRWI
Gentianales	Asclepiadaceae	Asclepias verticillata	CATO, COLO, CUVA, EFMO, GEWA, GWCA, HEHO, HOME, HOSP, INDU, MANA, MISS, OZAR, PERI, PIPE, SACN, SLBE, TAPR
Gentianales	Asclepiadaceae	Asclepias viridiflora	GWCA, HOME, INDU, MISS, MORR, OZAR, SACN, SLBE, TAPR, WICR
Gentianales	Asclepiadaceae	Asclepias viridis	GWCA, HOME, OZAR, PERI, TAPR, WICR
Gentianales	Asclepiadaceae	Cynanchum laeve	GEWA, GWCA, HAFE, HOCU, TAPR
Gentianales	Asclepiadaceae	Cynanchum louiseae	MABI, MIMA, MORR, SAGA
Gentianales	Asclepiadaceae	Matelea baldwyniana	BUFF, PERI
Gentianales	Asclepiadaceae	Matelea carolinensis	COLO, GEWA
Gentianales	Asclepiadaceae	Matelea decipiens	OZAR
Gentianales	Asclepiadaceae	Matelea gonocarpa	COLO, GEWA
Gentianales	Asclepiadaceae	Matelea gonocarpos	GWCA
Gentianales	Asclepiadaceae	Matelea obliqua	OZAR
Gentianales	Asclepiadaceae	Matelea suberosa	COLO
Gentianales	Gentianaceae	Bartonia paniculata	ACAD
Gentianales	Gentianaceae	Bartonia virginica	ACAD, ASIS, GATE, INDU, MISS, SARA, SLBE, THST
Gentianales	Gentianaceae	Centaurium erythraea	ASIS
Gentianales	Gentianaceae	Centaurium pulchellum	GATE, INDU
Gentianales	Gentianaceae	Frasera caroliniensis	INDU
Gentianales	Gentianaceae	Gentiana alba	INDU, MISS, OZAR, SACN, WICR
Gentianales	Gentianaceae	Gentiana andrewsii	APIS, CUVA, INDU, MIMA, PIPE, SACN, SLBE, VOYA
Gentianales	Gentianaceae	Gentiana clausa	CUVA, MIMA, PIPE, PRWI
Gentianales	Gentianaceae	Gentiana puberulenta	EFMO, GWCA, HOME, INDU, MISS, PIPE, SACN, WICR
Gentianales	Gentianaceae	Gentiana rubricaulis	APIS, ISRO, PIRO, SACN, SLBE
Gentianales	Gentianaceae	Gentiana saponaria	EFMO, INDU
Gentianales	Gentianaceae	Gentiana villosa	COLO
Gentianales	Gentianaceae	Gentianella quinquefolia	BUFF, CUVA, OZAR
Gentianales	Gentianaceae	Gentianopsis crinita	CUVA, INDU, MISS, SACN, VOYA
Gentianales	Gentianaceae	Gentianopsis virgata	INDU, MISS, SLBE
Gentianales	Gentianaceae	Halenia deflexa	APIS, GRPO, ISRO, SACN, SLBE, VOYA
Gentianales	Gentianaceae	Lomatogonium rotatum	ACAD
Gentianales	Gentianaceae	Obolaria virginica	CATO, COLO, CUVA, PRWI
Gentianales	Gentianaceae	Sabatia angularis	ASIS, COLO, CUVA, GWCA, INDU, LIBO, MANA, OZAR, PERI, PRWI, WICR
Gentianales	Gentianaceae	Sabatia campanulata	COLO
Gentianales	Gentianaceae	Sabatia dodecandra	COLO
Gentianales	Gentianaceae	Sabatia stellaris	ASIS, COLO, FIIS, GATE
Gentianales	Loganiaceae	Gelsemium sempervirens	COLO, HOSP
Gentianales	Loganiaceae	Mitreola petiolata	COLO
Gentianales	Loganiaceae	Spigelia marilandica	BUFF
Geraniales	Balsaminaceae	Impatiens capensis	ACAD, ANTI, APIS, ASIS, BUFF, CATO, COLO, CUVA, GATE, GEWA, GRPO, GWCA, HAFE, HOCU, HOSP, INDU, ISRO, LIBO, MABI, MANA, MIMA, MISS, MORR, OZAR, PERI, PIRO, PRWI, SACN, SAGA, SAIR, SARA, SLBE, THST, VOYA, WEFA, WICR
Geraniales	Balsaminaceae	Impatiens glandulifera	ACAD
Geraniales	Balsaminaceae	Impatiens pallida	ANTI, APIS, CATO, CUVA, EFMO, HAFE, HOCU, INDU, MABI, MANA, MISS, OZAR, SACN, SARA, WEFA, WICR
Geraniales	Geraniaceae	Erodium cicutarium	ANTI, ASIS, GATE, HAFE, INDU, SLBE
Geraniales	Geraniaceae	Geranium bicknellii	ACAD, ANTI, APIS, GRPO, INDU, ISRO, SACN, VOYA
Geraniales	Geraniaceae	Geranium carolinianum	ARPO, ASIS, COLO, GATE, GEWA, GWCA, HOCU, HOSP, INDU, ISRO, OZAR, PERI, PIPE, PRWI, SACN, TAPR, THST, WICR
Geraniales	Geraniaceae	Geranium columbinum	ANTI, CATO
Geraniales	Geraniaceae	Geranium dissectum	COLO
Geraniales	Geraniaceae	Geranium maculatum	ANTI, BUFF, CATO, CUVA, EFMO, HAFE, HOCU, INDU, LIBO, MANA, MIMA, MISS, MORR, OZAR, PERI, PRWI, SACN, SARA, SLBE, WEFA
Geraniales	Geraniaceae	Geranium molle	ANTI, ASIS, COLO, GEWA, PERI, SARA
Geraniales	Geraniaceae	Geranium pratense	SARA
Geraniales	Geraniaceae	Geranium pusillum	ANTI, INDU, MIMA, SLBE
Geraniales	Geraniaceae	Geranium pyrenaicum	SLBE
Geraniales	Geraniaceae	Geranium robertianum	ACAD, CUVA, GATE, MABI, MIMA, PIRO, SLBE
Geraniales	Geraniaceae	Geranium sanguineum	MIMA
Geraniales	Geraniaceae	Pelargonium crispum	MABI
Geraniales	Geraniaceae	Pelargonium fragrans	MABI
Geraniales	Geraniaceae	Pelargonium graveolens	MABI
Geraniales	Geraniaceae	Pelargonium tomentosum	MABI
Geraniales	Limnanthaceae	Floerkea proserpinacoides	ANTI, CUVA, HAFE, INDU, MANA, SACN
Geraniales	Oxalidaceae	Oxalis corniculata	ANTI, GATE, HOSP, MIMA, PERI
Geraniales	Oxalidaceae	Oxalis grandis	CUVA
Geraniales	Oxalidaceae	Oxalis montana	ACAD, APIS, EFMO, ISRO, MABI, MORR, PIRO, SAGA, SLBE

Geraniales	Oxalidaceae	Oxalis stricta	ACAD, ANTI, APIS, ARPO, ASIS, BUFF, CATO, COLO, CUVA, EFMO, GATE, GEWA, GWCA, HAFE, HEHO, HOCU, HOME, INDU, LIBO, MABI, MANA, MIMA, MISS, MORR, PERI, PIPE, PIRO, PRWI, SACN, SARA, SLBE, THST, VOYA, WEFA, WICR
Geraniales	Oxalidaceae	Oxalis violacea	ANTI, ARPO, COLO, CUVA, EFMO, GWCA, HOCU, HOME, HOSP, INDU, LIBO, MANA, MISS, MORR, OZAR, PERI, PIPE, PRWI, SACN, TAPR, THST, WICR
Geraniales	Tropaeolaceae	Tropaeolum majus	MABI
Ginkgoales	Ginkgoaceae	Ginkgo biloba	MORR, SACN
Haloragales	Haloragaceae	Myriophyllum alterniflorum	APIS, EFMO, ISRO, PIRO, VOYA
Haloragales	Haloragaceae	Myriophyllum farwellii	VOYA
Haloragales	Haloragaceae	Myriophyllum heterophyllum	APIS, ARPO, MIMA, OZAR, PIRO, SLBE, TAPR
Haloragales	Haloragaceae	Myriophyllum pinnatum	ASIS, COLO
Haloragales	Haloragaceae	Myriophyllum sibiricum	APIS, COLO, EFMO, INDU, ISRO, MANA, PIRO, SACN, SLBE, VOYA
Haloragales	Haloragaceae	Myriophyllum spicatum	CUVA, EFMO, MISS, SACN, SLBE
Haloragales	Haloragaceae	Myriophyllum tenellum	ACAD, ISRO, PIRO, SACN, VOYA
Haloragales	Haloragaceae	Myriophyllum verticillatum	EFMO, INDU, ISRO, VOYA
Haloragales	Haloragaceae	Proserpinaca palustris	ACAD, ASIS, COLO, INDU, MANA, MIMA, SLBE
Haloragales	Haloragaceae	Proserpinaca pectinata	ACAD, COLO
Hamamelidales	Cercidiphyllaceae	Cercidiphyllum japonicum	MIMA
Hamamelidales	Hamamelidaceae	Hamamelis vernalis	HOSP, MORR, OZAR
Hamamelidales	Hamamelidaceae	Hamamelis virginiana	ACAD, ANTI, APIS, BUFF, CATO, CUVA, EFMO, HAFE, HOCU, HOSP, INDU, MANA, MIMA, MORR, PRWI, SACN, SAGA, SAIR, SARA, SLBE, WEFA
Hamamelidales	Hamamelidaceae	Liquidambar styraciflua	ANTI, ASIS, BUFF, COLO, CUVA, GATE, GEWA, GWCA, HOCU, HOSP, LIBO, MIMA, PERI, PRWI, THST
Hamamelidales	Platanaceae	Platanus hybrida	GATE, MIMA, WEFA
Hamamelidales	Platanaceae	Platanus occidentalis	ANTI, ARPO, ASIS, BUFF, CATO, COLO, CUVA, EFMO, GATE, GEWA, GWCA, HAFE, HOCU, HOSP, INDU, LIBO, MABI, MANA, MIMA, MORR, OZAR, PERI, PRWI, SAGA, SARA, TAPR, THST, WICR
Hydrocharitales	Hydrocharitaceae	Elodea canadensis	APIS, CUVA, EFMO, GATE, GRPO, INDU, ISRO, MIMA, MISS, PIRO, PRWI, SACN, SAGA, SARA, SLBE, VOYA
Hydrocharitales	Hydrocharitaceae	Elodea nuttallii	APIS, CUVA, GEWA, INDU, MANA, MIMA, MISS, OZAR, SACN, WEFA
Hydrocharitales	Hydrocharitaceae	Hydrilla verticillata	PRWI
Hydrocharitales	Hydrocharitaceae	Vallisneria americana	ACAD, APIS, EFMO, INDU, ISRO, MISS, PIRO, SACN, SAGA, SARA, SLBE, VOYA
Hydropteridales	Azollaceae	Azolla caroliniana	COLO, EFMO
Hydropteridales	Marsileaceae	Marsilea vestita	PIPE
Hydropteridales	Salviniaceae	Salvinia minima	EFMO
Isoetales	Isoetaceae	Isoetes acadiensis	ACAD
Isoetales	Isoetaceae	Isoetes appalachiana	MANA
Isoetales	Isoetaceae	Isoetes engelmannii	CATO
Isoetales	Isoetaceae	Isoetes lacustris	ACAD, APIS, ISRO, SACN, VOYA
Isoetales	Isoetaceae	Isoetes melanopoda	PIPE
Isoetales	Isoetaceae	Isoetes prototypus	ACAD
Isoetales	Isoetaceae	Isoetes tenella	ACAD, GRPO, ISRO, PIRO, SACN, VOYA
Isoetales	Isoetaceae	Isoetes tuckermanii	ACAD
Juglandales	Juglandaceae	Carya alba	BUFF, CATO, COLO, EFMO, FIIS, GATE, HAFE, HOSP, LIBO, MANA, OZAR, PERI, PRWI, THST, WEFA
Juglandales	Juglandaceae	Carya cordiformis	ANTI, BUFF, CATO, COLO, CUVA, EFMO, GEWA, GWCA, HAFE, HOCU, HOSP, INDU, LIBO, MANA, MISS, OZAR, PERI, PRWI, SACN, SAGA, SARA, TAPR, THST, WEFA, WICR
Juglandales	Juglandaceae	Carya glabra	ANTI, BUFF, CATO, COLO, CUVA, EFMO, GEWA, HAFE, INDU, LIBO, MANA, MIMA, MORR, PERI, PRWI, SARA, THST, WEFA
Juglandales	Juglandaceae	Carya illinoinensis	ARPO, COLO, PERI, TAPR, THST, WICR
Juglandales	Juglandaceae	Carya laciniosa	INDU, LIBO, MORR
Juglandales	Juglandaceae	Carya ovalis	CUVA, INDU, LIBO, MANA, MORR, OZAR, PRWI, WEFA, WICR
Juglandales	Juglandaceae	Carya ovata	ANTI, BUFF, CATO, COLO, CUVA, EFMO, HAFE, HOCU, INDU, LIBO, MIMA, MORR, OZAR, PERI, PRWI, SAIR, SARA, THST, WEFA, WICR
Juglandales	Juglandaceae	Carya pallida	COLO
Juglandales	Juglandaceae	Carya texana	BUFF, GWCA, HOSP, OZAR, PERI, WICR
Juglandales	Juglandaceae	Juglans cinerea	ANTI, CATO, CUVA, EFMO, HAFE, HOCU, INDU, LIBO, MABI, MIMA, MISS, MORR, OZAR, PRWI, SACN, SAGA, SARA, SLBE, THST
Juglandales	Juglandaceae	Juglans nigra	ANTI, ASIS, BUFF, CATO, COLO, CUVA, EFMO, GATE, GEWA, GWCA, HAFE, HEHO, HOCU, HOME, INDU, LIBO, MANA, MIMA, MORR, OZAR, PERI, PIPE, PRWI, SACN, SAIR, SARA, SLBE, TAPR, THST, WEFA, WICR
Juglandales	Juglandaceae	Juglans regia	LIBO, SLBE
Juncales	Juncaceae	Juncus acuminatus	ACAD, ASIS, CATO, COLO, CUVA, GATE, GWCA, INDU, MANA, OZAR, PRWI, SAIR, SLBE, THST
Juncales	Juncaceae	Juncus alpinoarticulatus	APIS, GRPO, INDU, ISRO, SLBE
Juncales	Juncaceae	Juncus ambiguus	ACAD
Juncales	Juncaceae	Juncus anthelatus	APIS
Juncales	Juncaceae	Juncus arcticus	ACAD, APIS, SARA
Juncales	Juncaceae	Juncus articulatus	CUVA, GRPO, INDU, PIRO
Juncales	Juncaceae	Juncus balticus	ARPO, GRPO, INDU, ISRO, PIPE, PIRO, SACN, SLBE, VOYA
Juncales	Juncaceae	Juncus biflorus	COLO, GWCA, INDU, MANA, PRWI
Juncales	Juncaceae	Juncus brachycarpus	GWCA, INDU, MANA

Juncales	Juncaceae	Juncus brachycephalus	ACAD, INDU, PIRO, SLBE
Juncales	Juncaceae	Juncus brevicaudatus	ACAD, APIS, GRPO, ISRO, PIRO, SACN, SARA, SLBE, VOYA
Juncales	Juncaceae	Juncus bufonius	ACAD, APIS, ARPO, ASIS, COLO, GATE, GRPO, INDU, MIMA, SACN, SARA, SLBE, VOYA
Juncales	Juncaceae	Juncus canadensis	ACAD, APIS, ASIS, CUVA, GATE, INDU, MIMA, PIRO, SACN, SLBE
Juncales	Juncaceae	Juncus compressus	ANTI
Juncales	Juncaceae	Juncus coriaceus	ASIS, COLO, GEWA, HOSP, PRWI
Juncales	Juncaceae	Juncus debilis	COLO
Juncales	Juncaceae	Juncus dichotomus	ARPO, CATO, COLO, FIIS, GATE, GEWA, MANA, PRWI
Juncales	Juncaceae	Juncus diffusissimus	ARPO, BUFF, GWCA, INDU, OZAR
Juncales	Juncaceae	Juncus dudleyi	APIS, CUVA, EFMO, GRPO, GWCA, INDU, MANA, OZAR, PIPE, PIRO, SACN, SAGA, SARA, SLBE, TAPR, VOYA
Juncales	Juncaceae	Juncus effusus	ACAD, APIS, ARPO, ASIS, COLO, CUVA, EFMO, FIIS, GATE, GEWA, GRPO, GWCA, INDU, ISRO, MANA, MIMA, MORR, PERI, PIRO, PRWI, SACN, SAGA, SAIR, SARA, SLBE, THST, VOYA, WEFA
Juncales	Juncaceae	Juncus filiformis	ACAD, GRPO, ISRO, PIRO, VOYA
Juncales	Juncaceae	Juncus gerardi	GATE
Juncales	Juncaceae	Juncus gerardii	ACAD, ASIS, COLO, CUVA, GATE
Juncales	Juncaceae	Juncus greenei	ACAD, CUVA, FIIS, GRPO, INDU, PIRO, SACN, VOYA
Juncales	Juncaceae	Juncus interior	ARPO, GWCA, HOME, INDU, OZAR, PIPE, TAPR, VOYA
Juncales	Juncaceae	Juncus marginatus	ASIS, CUVA, GWCA, INDU, PRWI, THST
Juncales	Juncaceae	Juncus militaris	ACAD
Juncales	Juncaceae	Juncus nodosus	APIS, CUVA, GRPO, INDU, ISRO, MISS, PIPE, PIRO, SACN, SAGA, SLBE, VOYA
Juncales	Juncaceae	Juncus pelocarpus	ACAD, APIS, EFMO, FIIS, INDU, ISRO, PIRO, SACN, SLBE, VOYA
Juncales	Juncaceae	Juncus repens	COLO
Juncales	Juncaceae	Juncus roemerianus	ASIS, COLO
Juncales	Juncaceae	Juncus scirpoides	ASIS, COLO, INDU, THST
Juncales	Juncaceae	Juncus secundus	GWCA, PRWI
Juncales	Juncaceae	Juncus squarrosus	APIS
Juncales	Juncaceae	Juncus stygius	ISRO
Juncales	Juncaceae	Juncus subcaudatus	OZAR
Juncales	Juncaceae	Juncus tenuis	ACAD, ANTI, APIS, ARPO, ASIS, BUFF, CATO, COLO, CUVA, EFMO, GATE, GEWA, GRPO, GWCA, HEHO, HOCU, HOSP, INDU, ISRO, LIBO, MABI, MANA, MIMA, MISS, OZAR, PERI, PIPE, PIRO, PRWI, SACN, SAGA, SAIR, SARA, SLBE, TAPR, THST, VOYA
Juncales	Juncaceae	Juncus torreyi	CUVA, GWCA, HOCU, INDU, PIPE, SLBE, TAPR
Juncales	Juncaceae	Juncus vaseyi	GRPO
Juncales	Juncaceae	Luzula acuminata	COLO, CUVA, GRPO, ISRO, SACN, SAGA, SARA, SLBE, VOYA
Juncales	Juncaceae	Luzula bulbosa	BUFF, COLO, MANA, OZAR, PERI
Juncales	Juncaceae	Luzula campestris	CATO, MORR, SAGA, SARA, VOYA, WEFA
Juncales	Juncaceae	Luzula congesta	EFMO
Juncales	Juncaceae	Luzula echinata	CUVA, EFMO, GEWA, HOSP, MANA, PRWI, THST
Juncales	Juncaceae	Luzula luzuloides	ACAD
Juncales	Juncaceae	Luzula multiflora	ACAD, APIS, CUVA, HOCU, INDU, ISRO, MABI, MIMA, PRWI, SACN, SARA, SLBE, WEFA
Juncales	Juncaceae	Luzula parviflora	ISRO
Lamiales	Boraginaceae	Anchusa arvensis	ANTI
Lamiales	Boraginaceae	Borago officinalis	MABI, SAIR
Lamiales	Boraginaceae	Buglossoides arvensis	ANTI, COLO, GATE, GWCA, HOCU, INDU, MANA, PIPE, PRWI, TAPR, THST, WICR
Lamiales	Boraginaceae	Cynoglossum officinale	ANTI, INDU, ISRO, MISS, PIRO, SACN, SLBE
Lamiales	Boraginaceae	Cynoglossum virginianum	BUFF, CATO, COLO, CUVA, HOSP, ISRO, LIBO, MANA, OZAR, PERI, PIRO, PRWI, SACN, SLBE, VOYA
Lamiales	Boraginaceae	Echium vulgare	ANTI, CATO, COLO, CUVA, GATE, HOCU, INDU, MANA, MISS, OZAR, PRWI, SARA, SLBE
Lamiales	Boraginaceae	Hackelia deflexa	MISS, SLBE, VOYA
Lamiales	Boraginaceae	Hackelia virginiana	ANTI, CATO, COLO, CUVA, EFMO, GWCA, HOCU, HOME, INDU, LIBO, MABI, MANA, MORR, OZAR, PERI, PIPE, SACN, SARA, SLBE
Lamiales	Boraginaceae	Heliotropium curassavicum	ASIS
Lamiales	Boraginaceae	Heliotropium indicum	ARPO
Lamiales	Boraginaceae	Heliotropium tenellum	OZAR, PERI, WICR
Lamiales	Boraginaceae	Lappula occidentalis	BUFF, PIPE
Lamiales	Boraginaceae	Lappula squarrosa	EFMO, ISRO, MISS, PIPE, SACN
Lamiales	Boraginaceae	Lithospermum canescens	BUFF, EFMO, INDU, MANA, MISS, OZAR, PIPE, SACN, SLBE, WICR
Lamiales	Boraginaceae	Lithospermum carolinense	INDU, MISS, PIRO, SACN, SLBE
Lamiales	Boraginaceae	Lithospermum incisum	HOME, MISS, PIPE, SACN, TAPR, WICR
Lamiales	Boraginaceae	Lithospermum latifolium	BUFF, EFMO, MISS, SACN
Lamiales	Boraginaceae	Lithospermum officinale	SLBE
Lamiales	Boraginaceae	Mertensia maritima	ACAD
Lamiales	Boraginaceae	Mertensia paniculata	GRPO, ISRO, PIRO, VOYA
Lamiales	Boraginaceae	Mertensia virginica	ANTI, CUVA, HAFE, HOCU, INDU, LIBO, MABI, MANA, OZAR
Lamiales	Boraginaceae	Myosotis arvensis	APIS, CATO, COLO, GATE, ISRO, SLBE
Lamiales	Boraginaceae	Myosotis discolor	MANA, PRWI
Lamiales	Boraginaceae	Myosotis laxa	ACAD, COLO, CUVA, GATE, INDU, MORR, PRWI, SACN, WEFA
Lamiales	Boraginaceae	Myosotis macrosperma	ARPO, COLO, GEWA, PRWI, THST

Lamiales	Boraginaceae	Myosotis scorpioides	APIS, CUVA, INDU, ISRO, MABI, MIMA, MISS, MORR, PIRO, SACN, SAGA, SAIR, SARA, SLBE, VOYA
Lamiales	Boraginaceae	Myosotis stricta	ASIS, COLO, INDU, SARA, SLBE
Lamiales	Boraginaceae	Myosotis sylvatica	APIS, ISRO, PIRO, SLBE
Lamiales	Boraginaceae	Myosotis verna	COLO, GWCA, HAFE, HOSP, INDU, OZAR, PERI, PIPE, TAPR
Lamiales	Boraginaceae	Onosmodium molle	MISS, OZAR, PIPE, TAPR
Lamiales	Boraginaceae	Plagiobothrys scouleri	PIPE
Lamiales	Boraginaceae	Pulmonaria officinalis	SAIR
Lamiales	Boraginaceae	Symphytum asperum	CUVA
Lamiales	Boraginaceae	Symphytum officinale	APIS, CUVA, MABI, SACN, SAIR
Lamiales	Lamiaceae	Acinos arvensis	SLBE
Lamiales	Lamiaceae	Agastache foeniculum	MISS, PIPE, SACN, VOYA
Lamiales	Lamiaceae	Agastache nepetoides	ANTI, GWCA, HOCU, OZAR, TAPR, WICR
Lamiales	Lamiaceae	Agastache scrophulariifolia	CATO, EFMO, INDU, MISS, SACN
Lamiales	Lamiaceae	Ajuga chamaepitys	COLO, GEWA
Lamiales	Lamiaceae	Ajuga genevensis	PIRO
Lamiales	Lamiaceae	Ajuga reptans	COLO, CUVA, INDU, MIMA, MORR, PIRO, PRWI, SAIR, THST, WEFA
Lamiales	Lamiaceae	Blephilia ciliata	BUFF, CUVA, OZAR, PERI, WEFA
Lamiales	Lamiaceae	Blephilia hirsuta	CUVA, EFMO, GATE, HOCU, INDU, OZAR, PIRO, SLBE
Lamiales	Lamiaceae	Calamintha nepeta	COLO, GEWA
Lamiales	Lamiaceae	Chaiturus marrubiastrum	MANA
Lamiales	Lamiaceae	Clinopodium arkansanum	BUFF, INDU, OZAR, PERI, WICR
Lamiales	Lamiaceae	Clinopodium vulgare	APIS, CATO, CUVA, INDU, ISRO, MANA, MORR, PIRO, PRWI, SLBE, THST, VOYA, WEFA
Lamiales	Lamiaceae	Collinsonia canadensis	ANTI, CATO, CUVA, HAFE, OZAR, PRWI, SARA, WEFA
Lamiales	Lamiaceae	Cunila origanoides	BUFF, CATO, HAFE, HOSP, MANA, OZAR, PERI, PRWI, THST
Lamiales	Lamiaceae	Dracocephalum parviflorum	APIS, GRPO, ISRO, MISS, SACN, VOYA
Lamiales	Lamiaceae	Galeopsis bifida	ACAD
Lamiales	Lamiaceae	Galeopsis tetrahit	ACAD, APIS, GRPO, ISRO, MABI, MIMA, PIRO, SACN, SLBE, VOYA
Lamiales	Lamiaceae	Glechoma hederacea	ANTI, APIS, ARPO, BUFF, CATO, COLO, CUVA, EFMO, GATE, GEWA, GWCA, HEHO, HOCU, INDU, ISRO, LIBO, MABI, MANA, MIMA, MISS, MORR, PERI, PIRO, PRWI, SACN, SAGA, SARA, SLBE, VOYA
Lamiales	Lamiaceae	Glecoma hederacea	ASIS, EFMO, GRPO, SARA
Lamiales	Lamiaceae	Hedeoma hispida	ARPO, BUFF, EFMO, MISS, SACN, SLBE, TAPR
Lamiales	Lamiaceae	Hedeoma hispidum	GWCA, HOME, OZAR, PIPE
Lamiales	Lamiaceae	Hedeoma pulegioides	CATO, GEWA, HOCU, MANA, OZAR, PERI, PRWI, SAIR, SARA
Lamiales	Lamiaceae	Hyssopus officinalis	SAIR
Lamiales	Lamiaceae	Isanthus brachiatus	CATO, MANA, OZAR, PIPE, SACN, TAPR
Lamiales	Lamiaceae	Lamiastrum galeobdolon	SAIR, SLBE
Lamiales	Lamiaceae	Lamium album	ANTI, HOCU, SAIR
Lamiales	Lamiaceae	Lamium amplexicaule	ANTI, ARPO, ASIS, CATO, COLO, CUVA, EFMO, GATE, GEWA, GWCA, HOCU, HOME, HOSP, INDU, LIBO, MISS, PERI, PRWI, SARA, TAPR, WICR
Lamiales	Lamiaceae	Lamium maculatum	ANTI
Lamiales	Lamiaceae	Lamium purpureum	ANTI, BUFF, CATO, COLO, CUVA, GATE, GEWA, GWCA, HOCU, HOSP, INDU, MABI, MANA, MIMA, PERI, PIRO, PRWI, WEFA, WICR
Lamiales	Lamiaceae	Lavandula angustifolia	MABI, SAIR
Lamiales	Lamiaceae	Leonurus cardiaca	ANTI, CATO, COLO, CUVA, EFMO, GATE, GEWA, HAFE, HOCU, HOME, INDU, MABI, MIMA, MISS, PIPE, PIRO, SACN, SAIR, SARA, SLBE, WEFA, WICR
Lamiales	Lamiaceae	Lycopus americanus	ACAD, ANTI, APIS, ARPO, ASIS, CATO, COLO, CUVA, EFMO, GATE, GRPO, GWCA, HOCU, HOME, INDU, ISRO, MABI, MANA, MISS, OZAR, PIPE, PIRO, PRWI, SACN, SARA, SLBE, TAPR, VOYA
Lamiales	Lamiaceae	Lycopus asper	INDU, PIPE, SLBE
Lamiales	Lamiaceae	Lycopus europaeus	COLO, GATE
Lamiales	Lamiaceae	Lycopus rubellus	INDU, OZAR, WEFA
Lamiales	Lamiaceae	Lycopus uniflorus	ACAD, APIS, CUVA, EFMO, GATE, GRPO, INDU, ISRO, MABI, MANA, MIMA, MISS, PIRO, SACN, SARA, SLBE, VOYA
Lamiales	Lamiaceae	Lycopus virginiana	SARA
Lamiales	Lamiaceae	Lycopus virginicus	ANTI, CATO, COLO, CUVA, EFMO, FIIS, GATE, GEWA, GWCA, INDU, MANA, MIMA, PIPE, PRWI, SACN, SAIR, SARA, THST, WEFA
Lamiales	Lamiaceae	Marrubium vulgare	INDU, LIBO, MABI, SAIR
Lamiales	Lamiaceae	Melissa officinalis	ANTI, LIBO, MABI, SAIR
Lamiales	Lamiaceae	Mentha aquatica	APIS, SLBE
Lamiales	Lamiaceae	Mentha arvensis	ACAD, ANTI, APIS, ASIS, COLO, CUVA, EFMO, GRPO, INDU, ISRO, MABI, MANA, MIMA, MISS, OZAR, PIPE, PIRO, PRWI, SACN, SAIR, SARA, SLBE, TAPR, VOYA, WEFA
Lamiales	Lamiaceae	Mentha spicata	ANTI, CUVA, GATE, GEWA, INDU, LIBO, PRWI, VOYA
Lamiales	Lamiaceae	Monarda bradburiana	BUFF, HOSP, OZAR
Lamiales	Lamiaceae	Monarda clinopodia	ANTI, CATO, CUVA
Lamiales	Lamiaceae	Monarda didyma	INDU, MORR, SACN, SAIR, SARA, VOYA
Lamiales	Lamiaceae	Monarda fistulosa	ANTI, APIS, ASIS, BUFF, CUVA, EFMO, GATE, GWCA, HEHO, HOCU, HOME, HOSP, INDU, MABI, MISS, OZAR, PERI, PIPE, PIRO, SACN, SAIR, SARA, SLBE, TAPR, WICR
Lamiales	Lamiaceae	Monarda media	PRWI
Lamiales	Lamiaceae	Monarda punctata	ASIS, GEWA, INDU, PRWI, SACN, SLBE
Lamiales	Lamiaceae	Monarda russeliana	PERI

Lamiales	Lamiaceae	Nepeta cataria	ANTI, APIS, ASIS, CATO, CUVA, EFMO, GATE, GEWA, HAFE, HEHO, HOCU, HOME, INDU, LIBO, MANA, MIMA, MORR, PIPE, PRWI, SACN, SARA, SLBE, TAPR, WICR
Lamiales	Lamiaceae	Ocimum basilicum	MABI
Lamiales	Lamiaceae	Origanum vulgare	GATE, MORR, SAIR, SARA
Lamiales	Lamiaceae	Perilla frutescens	ANTI, ARPO, BUFF, CATO, COLO, GEWA, GWCA, HOSP, MANA, OZAR, PERI, PRWI, THST, WICR
Lamiales	Lamiaceae	Physostegia angustifolia	GWCA, PERI, WICR
Lamiales	Lamiaceae	Physostegia leptophylla	EFMO
Lamiales	Lamiaceae	Physostegia parviflora	HEHO
Lamiales	Lamiaceae	Physostegia virginiana	APIS, CUVA, EFMO, HAFE, INDU, MISS, OZAR, PIPE, SACN, VOYA, WICR
Lamiales	Lamiaceae	Prunella vulgaris	ACAD, ANTI, APIS, ARPO, ASIS, BUFF, CATO, COLO, CUVA, EFMO, GATE, GEWA, GRPO, GWCA, HAFE, HOCU, HOSP, INDU, ISRO, LIBO, MABI, MANA, MIMA, MISS, MORR, OZAR, PIRO, PRWI, SACN, SAGA, SAIR, SARA, SLBE, TAPR, THST, VOYA, WEFA, WICR
Lamiales	Lamiaceae	Pycnanthemum albescens	ARPO, BUFF, HOSP, OZAR, PERI
Lamiales	Lamiaceae	Pycnanthemum flexuosum	CATO, HAFE, SARA
Lamiales	Lamiaceae	Pycnanthemum incanum	CATO, HAFE, MANA
Lamiales	Lamiaceae	Pycnanthemum muticum	ARPO
Lamiales	Lamiaceae	Pycnanthemum tenuifolium	BUFF, CATO, COLO, CUVA, EFMO, GWCA, HOSP, INDU, LIBO, MANA, MIMA, MORR, OZAR, PERI, PRWI, SARA, SLBE, WICR
Lamiales	Lamiaceae	Pycnanthemum torrei	CATO, HAFE
Lamiales	Lamiaceae	Pycnanthemum verticillatum	CATO, EFMO, OZAR, WICR
Lamiales	Lamiaceae	Pycnanthemum virginianum	CUVA, EFMO, HEHO, INDU, MIMA, MISS, MORR, OZAR, SACN, SLBE, WEFA
Lamiales	Lamiaceae	Rosmarinus officinalis	MABI, SAIR
Lamiales	Lamiaceae	Salvia azurea	GWCA, HOME, HOSP, TAPR, WICR
Lamiales	Lamiaceae	Salvia lyrata	ANTI, ARPO, ASIS, BUFF, CATO, COLO, GEWA, HOSP, LIBO, MANA, OZAR, PERI, PRWI, THST
Lamiales	Lamiaceae	Salvia officinalis	MABI, SAIR
Lamiales	Lamiaceae	Salvia reflexa	PIPE, TAPR
Lamiales	Lamiaceae	Salvia sclarea	SAIR
Lamiales	Lamiaceae	Satureja hortensis	INDU, LIBO, MABI
Lamiales	Lamiaceae	Satureja montana	SAIR
Lamiales	Lamiaceae	Scutellaria bushii	OZAR
Lamiales	Lamiaceae	Scutellaria elliptica	BUFF, COLO, EFMO, MANA, OZAR, PRWI, THST
Lamiales	Lamiaceae	Scutellaria galericulata	ACAD, APIS, CUVA, GRPO, INDU, ISRO, MABI, MIMA, MISS, PIRO, SACN, SAGA, SARA, SLBE, VOYA
Lamiales	Lamiaceae	Scutellaria incana	ANTI, COLO, CUVA, OZAR, PERI
Lamiales	Lamiaceae	Scutellaria integrifolia	CATO, COLO, GEWA, MANA, PRWI, THST
Lamiales	Lamiaceae	Scutellaria lateriflora	ACAD, ANTI, APIS, CATO, COLO, CUVA, EFMO, GEWA, GRPO, GWCA, INDU, ISRO, MABI, MANA, MIMA, MISS, OZAR, PIPE, PIRO, PRWI, SACN, SARA, SLBE, THST, VOYA, WEFA
Lamiales	Lamiaceae	Scutellaria nervosa	ANTI, MANA
Lamiales	Lamiaceae	Scutellaria ovata	BUFF, EFMO, GATE, HOSP, OZAR, PERI
Lamiales	Lamiaceae	Scutellaria parvula	EFMO, HOME, INDU, MANA, MISS, OZAR, PERI, PRWI, SACN, TAPR, WICR
Lamiales	Lamiaceae	Scutellaria saxatilis	HAFE
Lamiales	Lamiaceae	Stachys aspera	CUVA
Lamiales	Lamiaceae	Stachys byzantina	SAIR
Lamiales	Lamiaceae	Stachys hyssopifolia	CUVA, INDU
Lamiales	Lamiaceae	Stachys officinalis	SAIR
Lamiales	Lamiaceae	Stachys palustris	ACAD, APIS, EFMO, ISRO, MISS, PIPE, SACN, SLBE, VOYA
Lamiales	Lamiaceae	Stachys pilosa	INDU, MANA
Lamiales	Lamiaceae	Stachys tenuifolia	APIS, ARPO, CUVA, EFMO, GATE, GRPO, HOME, INDU, MANA, MIMA, MISS, OZAR, SACN, VOYA
Lamiales	Lamiaceae	Teucrium canadense	ACAD, ANTI, ASIS, BUFF, CATO, COLO, CUVA, EFMO, FIIS, GATE, GEWA, GWCA, HOCU, HOME, INDU, MANA, MISS, OZAR, PERI, PIPE, SACN, SARA, SLBE, TAPR, WICR
Lamiales	Lamiaceae	Thymus pannonicus	ISRO
Lamiales	Lamiaceae	Thymus praecox	GATE, MIMA, MORR, SACN, SAGA, SAIR, SARA
Lamiales	Lamiaceae	Thymus pulegioides	ACAD, GATE, ISRO, SARA
Lamiales	Lamiaceae	Thymus vulgaris	LIBO, MABI, SAIR
Lamiales	Lamiaceae	Trichostema dichotomum	ASIS, BUFF, CATO, COLO, GATE, GEWA, HOSP, INDU, MANA, MIMA, OZAR, PERI, PRWI, SARA, THST, WEFA
Lamiales	Lamiaceae	Trichostema setaceum	GATE, HAFE
Lamiales	Verbenaceae	Callicarpa americana	ARPO, BUFF, COLO, HOSP
Lamiales	Verbenaceae	Glandularia bipinnatifida	PERI
Lamiales	Verbenaceae	Glandularia canadensis	BUFF, GWCA, OZAR, PERI, TAPR, WICR
Lamiales	Verbenaceae	Phryma leptostachya	ANTI, BUFF, CATO, COLO, CUVA, EFMO, GEWA, GWCA, HAFE, HOCU, HOME, INDU, LIBO, MABI, MANA, MISS, OZAR, PERI, PIRO, PRWI, SACN, SAGA, SARA, SLBE, TAPR, WICR
Lamiales	Verbenaceae	Phyla lanceolata	ANTI, ARPO, ASIS, BUFF, GEWA, GWCA, MISS, OZAR, SACN, TAPR, WICR
Lamiales	Verbenaceae	Phyla nodiflora	ARPO
Lamiales	Verbenaceae	Verbena bracteata	EFMO, HOME, INDU, MISS, PIPE, PIRO, SACN, SLBE, TAPR

Lamiales	Verbenaceae	Verbena hastata	ACAD, APIS, CATO, CUVA, EFMO, GATE, GEWA, GWCA, HAFE, HOCU, HOME, INDU, MANA, MIMA, MISS, PIPE, PIRO, SACN, SARA, SLBE, TAPR, VOYA
Lamiales	Verbenaceae	Verbena officinalis	ACAD, ASIS
Lamiales	Verbenaceae	Verbena scabra	COLO
Lamiales	Verbenaceae	Verbena simplex	GEWA, GWCA, HAFE, MANA, OZAR, PERI, PRWI, SARA, SLBE, TAPR, WICR
Lamiales	Verbenaceae	Verbena stricta	EFMO, GWCA, HEHO, HOME, INDU, MISS, OZAR, PIPE, SACN, SLBE, TAPR, WICR
Lamiales	Verbenaceae	Verbena urticifolia	ANTI, ASIS, BUFF, CATO, COLO, CUVA, EFMO, GATE, GEWA, GWCA, HAFE, HEHO, HOCU, HOME, INDU, MANA, MIMA, MISS, OZAR, PERI, PIPE, PIRO, PRWI, SACN, SARA, THST, WICR
Laurales	Calycanthaceae	Calycanthus floridus	SARA
Laurales	Lauraceae	Lindera benzoin	ANTI, ARPO, BUFF, CATO, COLO, CUVA, EFMO, GATE, GEWA, GWCA, HAFE, HOSP, INDU, LIBO, MANA, MIMA, MORR, OZAR, PERI, PRWI, THST, WEFA
Laurales	Lauraceae	Litsea aestivalis	COLO
Laurales	Lauraceae	Persea borbonia	ASIS, COLO
Laurales	Lauraceae	Persea palustris	ASIS, COLO
Laurales	Lauraceae	Sassafras albidum	ANTI, ARPO, ASIS, BUFF, CATO, COLO, CUVA, EFMO, FIIS, GATE, GEWA, GWCA, HAFE, HOCU, HOSP, INDU, LIBO, MANA, MIMA, MORR, OZAR, PERI, PRWI, SARA, THST, WEFA, WICR
Liliales	Agavaceae	Manfreda virginica	BUFF, HOSP, OZAR, PERI
Liliales	Agavaceae	Yucca aloifolia	ARPO
Liliales	Agavaceae	Yucca arkansana	HOSP
Liliales	Agavaceae	Yucca filamentosa	ASIS, COLO, GEWA, INDU, MANA, PRWI
Liliales	Agavaceae	Yucca glauca	TAPR
Liliales	Agavaceae	Yucca louisianensis	PERI
Liliales	Dioscoreaceae	Dioscorea oppositifolia	CATO, COLO, HAFE, LIBO, PRWI
Liliales	Dioscoreaceae	Dioscorea polystachya	COLO, HOSP, PERI
Liliales	Dioscoreaceae	Dioscorea quaternata	ANTI, CATO, COLO, HAFE, MANA, OZAR, PRWI
Liliales	Dioscoreaceae	Dioscorea villosa	ANTI, BUFF, CATO, CUVA, EFMO, HOSP, INDU, MORR, OZAR, PRWI, SACN, THST, WICR
Liliales	Iridaceae	Belamcanda chinensis	COLO, PERI, PRWI
Liliales	Iridaceae	Crocus vernus	INDU
Liliales	Iridaceae	Hypoxis hirsuta	CATO, COLO, CUVA, EFMO, GATE, INDU, MANA, MIMA, MISS, MORR, OZAR, PERI, PIPE, PRWI, SACN, WEFA
Liliales	Iridaceae	Iris cristata	BUFF, CUVA, HAFE, HOSP, PERI, PRWI, SARA
Liliales	Iridaceae	Iris germanica	GATE, GWCA, INDU, PRWI, SAGA, VOYA
Liliales	Iridaceae	Iris prismatica	COLO, MORR, SARA
Liliales	Iridaceae	Iris pseudacorus	CUVA, GEWA, INDU, MIMA, MISS, SAGA, SARA, SLBE
Liliales	Iridaceae	Iris setosa	ACAD
Liliales	Iridaceae	Iris sibirica	SAGA
Liliales	Iridaceae	Iris verna	MABI
Liliales	Iridaceae	Iris versicolor	ACAD, APIS, ASIS, CUVA, EFMO, GATE, GRPO, ISRO, MABI, MANA, MIMA, MISS, PIRO, SACN, SARA, SLBE, VOYA, WEFA
Liliales	Iridaceae	Iris virginica	COLO, EFMO, INDU, MISS, PERI, SACN, SLBE
Liliales	Iridaceae	Nemastylis nuttallii	BUFF
Liliales	Iridaceae	Sisyrinchium albidum	INDU
Liliales	Iridaceae	Sisyrinchium angustifolium	ANTI, ARPO, BUFF, COLO, CUVA, GATE, GWCA, HOCU, HOME, INDU, ISRO, MIMA, MORR, OZAR, PRWI, SARA, SLBE, THST, WEFA, WICR
Liliales	Iridaceae	Sisyrinchium atlanticum	ASIS, CATO, GATE, INDU, MIMA, MORR
Liliales	Iridaceae	Sisyrinchium campestre	EFMO, GWCA, HOME, MISS, OZAR, PIPE, SACN, TAPR
Liliales	Iridaceae	Sisyrinchium montanum	ACAD, APIS, CATO, GRPO, ISRO, MABI, MISS, MORR, PIPE, SARA, SLBE, VOYA
Liliales	Iridaceae	Sisyrinchium mucronatum	COLO, MORR, SACN, SARA
Liliales	Liliaceae	Aletris farinosa	INDU, PRWI
Liliales	Liliaceae	Allium ampeloprasum	COLO
Liliales	Liliaceae	Allium burdickii	INDU
Liliales	Liliaceae	Allium canadense	ANTI, ARPO, BUFF, CATO, COLO, CUVA, EFMO, GATE, GEWA, GWCA, HAFE, INDU, LIBO, MANA, MIMA, MISS, MORR, OZAR, PERI, PIPE, SACN, SARA, TAPR, WICR
Liliales	Liliaceae	Allium cepa	CUVA, MABI, PERI
Liliales	Liliaceae	Allium cernuum	ANTI, CATO, HOCU, INDU, MISS, OZAR, SACN, SLBE
Liliales	Liliaceae	Allium sativum	CUVA, SAIR, WICR
Liliales	Liliaceae	Allium schoenoprasum	ACAD, GRPO, INDU, ISRO, MABI, SAIR, VOYA
Liliales	Liliaceae	Allium stellatum	GATE, GWCA, MISS, OZAR, PIPE, SACN, VOYA
Liliales	Liliaceae	Allium textile	PIPE
Liliales	Liliaceae	Allium tricoccum	ANTI, CUVA, EFMO, HAFE, HOCU, INDU, MABI, MISS, MORR, PIRO, SACN, SLBE, WEFA
Liliales	Liliaceae	Allium vineale	ANTI, ASIS, BUFF, CATO, COLO, CUVA, GATE, GEWA, GWCA, HAFE, HOCU, INDU, MANA, MIMA, MORR, PERI, PRWI, SARA, THST, WICR
Liliales	Liliaceae	Asparagus officinalis	ACAD, ANTI, APIS, ASIS, COLO, CUVA, EFMO, GATE, GEWA, HEHO, HOCU, HOME, INDU, MANA, MIMA, MISS, MORR, PIPE, PRWI, SACN, SAGA, SARA, SLBE, VOYA, WEFA
Liliales	Liliaceae	Camassia scilloides	ASIS, CUVA, GWCA, HOCU, HOSP, INDU, LIBO, OZAR, PERI, WICR
Liliales	Liliaceae	Chamaelirium luteum	CUVA

Liliales	Liliaceae	Clintonia borealis	ACAD, APIS, EFMO, GRPO, INDU, ISRO, MABI, MIMA, MORR, PIRO, SACN, SAGA, SLBE, VOYA
Liliales	Liliaceae	Clintonia umbellulata	MABI
Liliales	Liliaceae	Convallaria majalis	CATO, CUVA, GATE, INDU, ISRO, MIMA, SACN, SAIR, SARA, SLBE, WEFA
Liliales	Liliaceae	Disporum lanuginosum	CUVA
Liliales	Liliaceae	Disporum trachycarpum	ISRO
Liliales	Liliaceae	Erythronium albidum	CUVA, EFMO, HAFE, HOCU, INDU, LIBO, MISS, SACN
Liliales	Liliaceae	Erythronium americanum	ANTI, APIS, CATO, CUVA, HAFE, INDU, ISRO, LIBO, MABI, MANA, MIMA, MORR, PIRO, PRWI, SACN, SAGA, SARA, SLBE, WEFA
Liliales	Liliaceae	Erythronium mesochoreum	HOME, TAPR, WICR
Liliales	Liliaceae	Erythronium umbilicatum	CUVA
Liliales	Liliaceae	Hemerocallis fulva	ANTI, APIS, ASIS, CATO, COLO, CUVA, EFMO, GATE, GEWA, HAFE, HOCU, INDU, ISRO, LIBO, MABI, MIMA, MISS, PRWI, SACN, SAGA, SARA, SLBE, WEFA, WICR
Liliales	Liliaceae	Hemerocallis liliioasphodelus	CUVA, GATE, SLBE
Liliales	Liliaceae	Hosta lancifolia	MIMA
Liliales	Liliaceae	Hosta ventricosa	ANTI, GATE, MABI, SARA
Liliales	Liliaceae	Hyacinthoides nonscripta	INDU, MORR
Liliales	Liliaceae	Leucojum aestivum	COLO, INDU
Liliales	Liliaceae	Lilium canadense	CUVA, EFMO, HOCU, MABI, MIMA, SARA, WEFA
Liliales	Liliaceae	Lilium candidum	SAIR
Liliales	Liliaceae	Lilium grayi	CATO
Liliales	Liliaceae	Lilium lancifolium	APIS, ISRO, PIRO, VOYA
Liliales	Liliaceae	Lilium michiganense	EFMO, INDU, MISS, SACN, VOYA
Liliales	Liliaceae	Lilium philadelphicum	ACAD, GRPO, INDU, ISRO, MIMA, MISS, PIPE, SACN, SLBE, VOYA
Liliales	Liliaceae	Lilium superbum	GATE, MIMA
Liliales	Liliaceae	Maianthemum canadense	ACAD, APIS, CATO, CUVA, FIIS, GATE, GRPO, INDU, ISRO, MABI, MIMA, MISS, MORR, PIRO, SACN, SAGA, SARA, SLBE, VOYA, WEFA
Liliales	Liliaceae	Maianthemum racemosum	ACAD, APIS, ASIS, BUFF, CATO, COLO, CUVA, GRPO, HAFE, HOCU, HOSP, INDU, ISRO, MABI, MANA, MISS, MORR, OZAR, PERI, PIPE, PIRO, PRWI, SACN, SAGA, SARA, SLBE, THST, VOYA
Liliales	Liliaceae	Maianthemum stellatum	ACAD, APIS, CUVA, HAFE, INDU, MISS, MORR, PIPE, PIRO, PRWI, SACN, SLBE, VOYA
Liliales	Liliaceae	Maianthemum trifolium	ACAD, APIS, MISS, PIRO, SACN, SLBE, VOYA
Liliales	Liliaceae	Medeola virginiana	ACAD, CATO, COLO, CUVA, INDU, MABI, MIMA, MORR, PIRO, PRWI, SAGA, SARA, SLBE, THST, WEFA
Liliales	Liliaceae	Melanthium virginicum	PRWI
Liliales	Liliaceae	Melanthium woodii	OZAR
Liliales	Liliaceae	Muscari botryoides	ANTI, CATO, COLO, CUVA, HAFE, SAGA
Liliales	Liliaceae	Muscari neglectum	COLO, GEWA
Liliales	Liliaceae	Narcissus jonquilla	ARPO
Liliales	Liliaceae	Narcissus poeticus	APIS, PERI, SLBE, WICR
Liliales	Liliaceae	Narcissus pseudonarcissus	ANTI, ARPO, ASIS, CATO, COLO, CUVA, GATE, GWCA, INDU, LIBO, PRWI, SLBE, WICR
Liliales	Liliaceae	Narcissus tazetta	ARPO
Liliales	Liliaceae	Nothoscordum bivalve	ARPO, BUFF, COLO, GWCA, HOSP, OZAR, PERI, TAPR, WICR
Liliales	Liliaceae	Ornithogalum nutans	ANTI
Liliales	Liliaceae	Ornithogalum umbellatum	ANTI, CATO, COLO, CUVA, GATE, GEWA, HAFE, HOCU, INDU, MIMA, MORR, THST, WICR
Liliales	Liliaceae	Polygonatum biflorum	ANTI, BUFF, CATO, COLO, CUVA, EFMO, GATE, GWCA, HAFE, HOCU, HOME, INDU, LIBO, MABI, MANA, MIMA, MISS, MORR, OZAR, PIPE, PRWI, SACN, SAGA, SLBE, TAPR, THST, VOYA, WICR
Liliales	Liliaceae	Polygonatum pubescens	ACAD, APIS, CATO, CUVA, EFMO, GATE, INDU, ISRO, MABI, MIMA, MISS, MORR, PIRO, SACN, SAGA, SARA, SLBE, VOYA, WEFA
Liliales	Liliaceae	Scilla siberica	INDU
Liliales	Liliaceae	Streptopus amplexifolius	ACAD, APIS, CUVA, GRPO, ISRO, MIMA, PIRO, PRWI, SAGA, SARA
Liliales	Liliaceae	Streptopus lanceolatus	ACAD, APIS, ISRO, PIRO, SACN, SLBE, VOYA
Liliales	Liliaceae	Tofieldia glutinosa	ISRO, MISS, SACN
Liliales	Liliaceae	Tofieldia pusilla	ISRO
Liliales	Liliaceae	Trillium cernuum	APIS, CATO, EFMO, GRPO, INDU, ISRO, MABI, MIMA, MISS, PIRO, SACN, SLBE, VOYA
Liliales	Liliaceae	Trillium erectum	CUVA, INDU, MABI, MIMA, SAGA, SARA, SLBE, WEFA
Liliales	Liliaceae	Trillium flexipes	CUVA, INDU, MISS, SACN, SLBE
Liliales	Liliaceae	Trillium grandiflorum	CUVA, EFMO, INDU, ISRO, MABI, MISS, PIRO, SACN, SLBE
Liliales	Liliaceae	Trillium nivale	MISS
Liliales	Liliaceae	Trillium pusillum	BUFF
Liliales	Liliaceae	Trillium recurvatum	INDU, LIBO
Liliales	Liliaceae	Trillium sessile	ANTI, BUFF, GWCA, HAFE, HOCU, MABI, OZAR, PERI, WICR
Liliales	Liliaceae	Trillium undulatum	ACAD, MABI
Liliales	Liliaceae	Trillium viridescens	BUFF
Liliales	Liliaceae	Uvularia grandiflora	BUFF, CUVA, EFMO, HOCU, INDU, ISRO, MABI, MISS, OZAR, PIRO, SACN, SLBE, VOYA
Liliales	Liliaceae	Uvularia perfoliata	ANTI, CATO, COLO, CUVA, EFMO, HAFE, MANA, MORR, PRWI, SAGA, SARA, THST, WEFA
Liliales	Liliaceae	Uvularia puberula	ANTI
Liliales	Liliaceae	Uvularia sessilifolia	ACAD, APIS, CATO, COLO, INDU, MABI, MIMA, MORR, PRWI, SACN, SAGA, SARA, THST, VOYA, WEFA

Liliales	Liliaceae	Veratrum viride	CATO, MIMA, MORR, SAGA, WEFA
Liliales	Liliaceae	Zephyranthes atamasca	COLO
Liliales	Liliaceae	Zigadenus elegans	MISS, OZAR, PIPE, SLBE
Liliales	Liliaceae	Zigadenus nuttallii	TAPR
Liliales	Pontederiaceae	Heteranthera dubia	APIS, EFMO, INDU, ISRO, MISS, PIRO, SACN, SLBE, VOYA
Liliales	Pontederiaceae	Heteranthera limosa	EFMO, PIPE
Liliales	Pontederiaceae	Heteranthera reniformis	COLO, PRWI
Liliales	Pontederiaceae	Pontederia cordata	ACAD, COLO, CUVA, EFMO, INDU, MANA, MIMA, PIRO, SACN, SAIR, SARA, VOYA, WEFA
Liliales	Smilacaceae	Smilax bona-nox	ARPO, ASIS, BUFF, COLO, GEWA, GWCA, HOSP, OZAR, PERI
Liliales	Smilacaceae	Smilax ecirrata	EFMO, GWCA, HOCU, INDU, MISS, SACN
Liliales	Smilacaceae	Smilax glauca	ASIS, BUFF, CATO, COLO, CUVA, FIIS, GATE, GEWA, HAFE, HOSP, LIBO, MANA, MIMA, MORR, OZAR, PRWI, THST, WEFA
Liliales	Smilacaceae	Smilax herbacea	ANTI, BUFF, CATO, CUVA, EFMO, MANA, MIMA, MISS, MORR, PIPE, PRWI, SACN, SARA, VOYA, WEFA
Liliales	Smilacaceae	Smilax illinoensis	MISS, SACN
Liliales	Smilacaceae	Smilax lasioneura	EFMO, GRPO, GWCA, INDU, LIBO, MISS, OZAR, PIPE, SACN, WICR
Liliales	Smilacaceae	Smilax laurifolia	COLO
Liliales	Smilacaceae	Smilax pulverulenta	MANA, OZAR, PRWI
Liliales	Smilacaceae	Smilax rotundifolia	ANTI, ARPO, ASIS, BUFF, CATO, COLO, CUVA, EFMO, FIIS, GATE, GEWA, HAFE, HOCU, INDU, LIBO, MANA, MIMA, MORR, PRWI, SAIR, SARA, THST, WEFA
Liliales	Smilacaceae	Smilax tamnoides	BUFF, COLO, CUVA, EFMO, GWCA, HOME, INDU, LIBO, MANA, MISS, OZAR, PERI, SACN, TAPR, WICR
Liliales	Smilacaceae	Smilax walteri	ASIS, COLO, PRWI
Linales	Linaceae	Linum catharticum	ACAD
Linales	Linaceae	Linum intercursum	PRWI
Linales	Linaceae	Linum medium	ASIS, CATO, INDU, MANA, OZAR, PERI, PRWI, THST
Linales	Linaceae	Linum perenne	SAGA, SAIR
Linales	Linaceae	Linum striatum	ARPO, INDU, PRWI
Linales	Linaceae	Linum sulcatum	GWCA, HOME, OZAR, PIPE, SACN, TAPR, WICR
Linales	Linaceae	Linum usitatissimum	INDU, PIPE, SACN, WICR
Linales	Linaceae	Linum virginianum	CATO, CUVA, GEWA, INDU, LIBO, PRWI
Linales	Linaceae	Radiola linoides	ACAD
Lycopodiales	Lycopodiaceae	Dendrolycopodium dendroideum	ACAD
Lycopodiales	Lycopodiaceae	Dendrolycopodium obscurum	ACAD
Lycopodiales	Lycopodiaceae	Huperzia appalachiana	ACAD, APIS, ISRO
Lycopodiales	Lycopodiaceae	Huperzia appressa	ACAD
Lycopodiales	Lycopodiaceae	Huperzia lucidula	APIS, CATO, CUVA, EFMO, GRPO, INDU, ISRO, MIMA, MISS, MORR, PIRO, SACN, SAGA, SARA, SLBE, VOYA, WEFA
Lycopodiales	Lycopodiaceae	Huperzia porophila	ACAD, MISS
Lycopodiales	Lycopodiaceae	Huperzia selago	APIS, ISRO
Lycopodiales	Lycopodiaceae	Lycopodiella inundata	ACAD, APIS, FIIS, INDU, ISRO, PIRO, SACN, VOYA
Lycopodiales	Lycopodiaceae	Lycopodiella subappressa	PIRO
Lycopodiales	Lycopodiaceae	Lycopodium annotinum	ACAD, APIS, GRPO, ISRO, MABI, PIRO, SACN, SAGA, SLBE, VOYA
Lycopodiales	Lycopodiaceae	Lycopodium appressum	ASIS, FIIS
Lycopodiales	Lycopodiaceae	Lycopodium clavatum	ACAD, APIS, CUVA, GRPO, INDU, ISRO, MABI, MIMA, MORR, PIRO, PRWI, SACN, SAGA, SARA, SLBE, THST, VOYA, WEFA
Lycopodiales	Lycopodiaceae	Lycopodium complanatum	APIS, CUVA, GRPO, ISRO, LIBO, MORR, PIRO, PRWI, SACN, SAGA, SARA, SLBE, VOYA, WEFA
Lycopodiales	Lycopodiaceae	Lycopodium dendroideum	ACAD, APIS, GRPO, ISRO, PIRO, SACN, SLBE, VOYA
Lycopodiales	Lycopodiaceae	Lycopodium digitatum	APIS, CATO, COLO, CUVA, GEWA, INDU, ISRO, MABI, MANA, MIMA, MISS, PIRO, PRWI, SACN, SAGA, SARA, SLBE, THST
Lycopodiales	Lycopodiaceae	Lycopodium hickeyi	APIS, SACN, SAGA
Lycopodiales	Lycopodiaceae	Lycopodium lagopus	ACAD, GRPO
Lycopodiales	Lycopodiaceae	Lycopodium obscurum	ACAD, APIS, COLO, CUVA, GATE, GRPO, INDU, ISRO, MABI, MIMA, MORR, PIRO, PRWI, SACN, SAGA, SARA, SLBE, THST, VOYA, WEFA
Lycopodiales	Lycopodiaceae	Lycopodium tristachyum	ACAD, APIS, CATO, CUVA, INDU, ISRO, MABI, MIMA, PIRO, PRWI, SACN, SARA, SLBE
Lycopodiales	Lycopodiaceae	Spinulum annotinum	ACAD
Magnoliales	Annonaceae	Asimina triloba	ANTI, BUFF, CATO, COLO, CUVA, EFMO, GEWA, GWCA, HAFE, HOCU, HOSP, INDU, LIBO, MANA, MORR, OZAR, PERI, PRWI, THST, WICR
Magnoliales	Magnoliaceae	Liriodendron tulipifera	ANTI, ASIS, CATO, COLO, CUVA, EFMO, GATE, GEWA, HAFE, HOCU, INDU, LIBO, MANA, MIMA, MORR, PRWI, THST, WEFA
Magnoliales	Magnoliaceae	Magnolia acuminata	BUFF, CATO, CUVA, PRWI
Magnoliales	Magnoliaceae	Magnolia grandiflora	ASIS, COLO, GEWA, HOSP
Magnoliales	Magnoliaceae	Magnolia tripetala	BUFF, MIMA, MORR
Magnoliales	Magnoliaceae	Magnolia virginiana	ASIS, COLO, GATE, GEWA, PRWI, THST
Malvales	Malvaceae	Abutilon fruticosum	BUFF
Malvales	Malvaceae	Abutilon theophrasti	ANTI, ASIS, CUVA, EFMO, GATE, GEWA, GWCA, HOCU, HOME, INDU, MIMA, MISS, MORR, OZAR, WICR
Malvales	Malvaceae	Alcea rosea	ASIS, HEHO, SAGA
Malvales	Malvaceae	Althaea officinalis	GATE
Malvales	Malvaceae	Callirhoe alcaeoides	HOME, TAPR, WICR
Malvales	Malvaceae	Callirhoe digitata	GWCA, WICR
Malvales	Malvaceae	Callirhoe involucrata	TAPR
Malvales	Malvaceae	Hibiscus laevis	ARPO, HAFE, MISS

Malvales	Malvaceae	Hibiscus moscheutos	COLO, CUVA, GEWA, INDU, OZAR, PRWI
Malvales	Malvaceae	Hibiscus syriacus	ANTI, COLO, GEWA, HOCU, MIMA, PRWI
Malvales	Malvaceae	Hibiscus trionum	CATO, EFMO, HOCU, HOME, INDU, MISS, SACN, TAPR
Malvales	Malvaceae	Kosteletzkya virginica	ASIS, COLO, GEWA
Malvales	Malvaceae	Malva moschata	APIS, GWCA, MABI, MORR, SLBE
Malvales	Malvaceae	Malva neglecta	APIS, CATO, CUVA, EFMO, GATE, GEWA, HOME, INDU, MABI, MANA, SACN, SARA, SLBE, WICR
Malvales	Malvaceae	Malva rotundifolia	HOCU, MISS, PIRO, SACN
Malvales	Malvaceae	Sida spinosa	ANTI, COLO, GWCA, HOCU, MANA, OZAR, PRWI, TAPR, WICR
Malvales	Tiliaceae	Tilia americana	ANTI, APIS, ARPO, CATO, CUVA, EFMO, GATE, GEWA, HAFE, HEHO, HOCU, HOSP, INDU, LIBO, MABI, MIMA, MISS, MORR, OZAR, PIRO, PRWI, SACN, SAGA, SARA, SLBE, THST, VOYA, WEFA
Malvales	Tiliaceae	Tilia cordata	ACAD, MABI
Malvales	Tiliaceae	Tilia platyphyllos	ACAD
Myricales	Myricaceae	Comptonia peregrina	ACAD, CATO, GATE, INDU, MIMA, PIRO, SACN, SAGA, VOYA, WEFA
Myricales	Myricaceae	Morella cerifera	ASIS, COLO, GATE, GEWA
Myricales	Myricaceae	Morella pensylvanica	ANTI, ASIS, FIIS, GATE, MIMA, WEFA
Myricales	Myricaceae	Myrica gale	ACAD, APIS, GRPO, ISRO, MIMA, PIRO, SACN, SLBE, VOYA
Myrtales	Lythraceae	Ammannia coccinea	ARPO, GWCA, HAFE, MISS, TAPR
Myrtales	Lythraceae	Ammannia latifolia	GEWA
Myrtales	Lythraceae	Ammannia robusta	OZAR
Myrtales	Lythraceae	Cuphea viscosissima	CATO, GEWA, GWCA, MANA, OZAR, PRWI, WICR
Myrtales	Lythraceae	Decodon verticillatus	COLO, CUVA, EFMO, FIIS, GEWA, HAFE, INDU, MIMA, MISS, SACN, SLBE
Myrtales	Lythraceae	Lagerstroemia indica	COLO
Myrtales	Lythraceae	Lythrum alatum	ARPO, EFMO, GWCA, HAFE, INDU, MISS, PIPE, SACN, TAPR
Myrtales	Lythraceae	Lythrum lineare	ASIS, COLO, GATE, GEWA
Myrtales	Lythraceae	Lythrum salicaria	ACAD, APIS, ASIS, CUVA, EFMO, GATE, INDU, MABI, MIMA, MISS, SACN, SAGA, SAIR, SARA, SLBE, VOYA, WEFA
Myrtales	Lythraceae	Lythrum virgatum	GATE
Myrtales	Lythraceae	Rotala ramosior	ASIS, INDU, MISS
Myrtales	Melastomataceae	Rhexia aristosa	ASIS
Myrtales	Melastomataceae	Rhexia mariana	ARPO, ASIS, COLO, PRWI, THST
Myrtales	Melastomataceae	Rhexia nashii	COLO
Myrtales	Melastomataceae	Rhexia virginica	ACAD, COLO, INDU, MIMA, PRWI, THST
Myrtales	Onagraceae	Calylophus serrulatus	HOME, MISS, PIPE, SACN, SLBE, TAPR
Myrtales	Onagraceae	Chamerion angustifolium	ACAD, APIS, GRPO, INDU, ISRO, PIRO, SACN, SLBE, VOYA
Myrtales	Onagraceae	Circaea alpina	ACAD, APIS, CUVA, GRPO, INDU, ISRO, MABI, MISS, PIRO, PRWI, SACN, SAGA, SARA, SLBE, VOYA
Myrtales	Onagraceae	Circaea lutetiana	BUFF, CATO, COLO, EFMO, GATE, GEWA, HAFE, HOCU, INDU, LIBO, MABI, MANA, MIMA, MISS, MORR, OZAR, PIRO, PRWI, SACN, SAGA, SAIR, SARA, SLBE, THST, VOYA
Myrtales	Onagraceae	Epilobium ciliatum	ACAD, APIS, GRPO, HOCU, INDU, ISRO, MISS, PIPE, PIRO, SACN, SARA, SLBE, VOYA
Myrtales	Onagraceae	Epilobium coloratum	ACAD, ANTI, APIS, ASIS, CATO, CUVA, EFMO, FIIS, GATE, INDU, MIMA, MISS, SACN, SLBE, VOYA
Myrtales	Onagraceae	Epilobium hirsutum	GATE, INDU
Myrtales	Onagraceae	Epilobium leptophyllum	ACAD, APIS, GATE, GRPO, INDU, ISRO, MISS, PIRO, SACN, SLBE, VOYA
Myrtales	Onagraceae	Epilobium palustre	ACAD, APIS, ISRO, VOYA
Myrtales	Onagraceae	Epilobium parviflorum	CUVA, SLBE
Myrtales	Onagraceae	Epilobium strictum	ACAD, INDU, SARA
Myrtales	Onagraceae	Gaura biennis	CUVA, EFMO, HOCU, MANA, MISS, WICR
Myrtales	Onagraceae	Gaura coccinea	PIPE
Myrtales	Onagraceae	Gaura longiflora	GWCA, OZAR, PERI, TAPR, WICR
Myrtales	Onagraceae	Gaura mollis	GWCA, TAPR
Myrtales	Onagraceae	Ludwigia alternifolia	ANTI, ASIS, COLO, GEWA, GWCA, INDU, LIBO, MANA, OZAR, PRWI, THST
Myrtales	Onagraceae	Ludwigia decurrens	COLO, GEWA, PRWI
Myrtales	Onagraceae	Ludwigia linearis	COLO
Myrtales	Onagraceae	Ludwigia octovalvis	ARPO
Myrtales	Onagraceae	Ludwigia palustris	ANTI, ASIS, COLO, CUVA, GATE, GEWA, GWCA, INDU, MANA, MIMA, OZAR, PIRO, PRWI, SACN, SAGA, SARA, SLBE, THST, WEFA
Myrtales	Onagraceae	Ludwigia peploides	ARPO, TAPR
Myrtales	Onagraceae	Ludwigia polycarpa	INDU, SACN
Myrtales	Onagraceae	Ludwigia sphaerocarpa	COLO, INDU
Myrtales	Onagraceae	Oenothera biennis	ACAD, ANTI, ASIS, CATO, COLO, CUVA, EFMO, GATE, GEWA, GRPO, GWCA, HEHO, HOCU, HOME, HOSP, INDU, ISRO, LIBO, MABI, MIMA, MISS, MORR, OZAR, PIRO, PRWI, SACN, SAGA, SAIR, SARA, SLBE, TAPR, VOYA, WICR
Myrtales	Onagraceae	Oenothera clelandii	INDU, MISS, SACN, SLBE
Myrtales	Onagraceae	Oenothera fruticosa	ACAD, ARPO, ASIS, BUFF, CATO, CUVA, HOSP, INDU, ISRO, MANA, MIMA, PERI, PRWI, SARA
Myrtales	Onagraceae	Oenothera humifusa	ASIS, GATE
Myrtales	Onagraceae	Oenothera laciniata	ASIS, COLO, GATE, GEWA, GWCA, INDU, MISS, PERI, SLBE
Myrtales	Onagraceae	Oenothera linifolia	ARPO, BUFF, GWCA, HOSP, OZAR, PERI
Myrtales	Onagraceae	Oenothera macrocarpa	OZAR, TAPR, WICR
Myrtales	Onagraceae	Oenothera nuttallii	MISS

Myrtales	Onagraceae	Oenothera oakesiana	APIS, GATE, ISRO, SACN, SLBE
Myrtales	Onagraceae	Oenothera parviflora	ACAD, APIS, GATE, GRPO, ISRO, PIPE, PIRO, SACN, SLBE, VOYA
Myrtales	Onagraceae	Oenothera perennis	ACAD, CUVA, GATE, HOCU, INDU, ISRO, MANA, MIMA, SACN, SAGA, VOYA
Myrtales	Onagraceae	Oenothera pilosella	INDU
Myrtales	Onagraceae	Oenothera rhombipetala	MISS
Myrtales	Onagraceae	Oenothera speciosa	ARPO, TAPR, WICR
Myrtales	Onagraceae	Oenothera triloba	WICR
Myrtales	Onagraceae	Oenothera villosa	GWCA, ISRO, PIPE
Myrtales	Onagraceae	Stenosiphon linifolius	TAPR
Myrtales	Thymelaeaceae	Daphne mezereum	MABI
Myrtales	Thymelaeaceae	Dirca palustris	BUFF, CATO, CUVA, EFMO, ISRO, MABI, MISS, OZAR, PIRO, SACN, SLBE
Myrtales	Trapaceae	Trapa natans	MIMA, SARA
Najadales	Juncaginaceae	Triglochin maritimum	ACAD, APIS, CUVA, INDU, ISRO, MISS, VOYA
Najadales	Juncaginaceae	Triglochin palustre	SLBE, VOYA
Najadales	Juncaginaceae	Triglochin striata	COLO
Najadales	Najadaceae	Najas flexilis	ACAD, APIS, EFMO, INDU, ISRO, MABI, PIRO, SACN, SAGA, SLBE, VOYA
Najadales	Najadaceae	Najas gracillima	ACAD, MISS, OZAR
Najadales	Najadaceae	Najas guadalupensis	COLO, SACN
Najadales	Najadaceae	Najas minor	CUVA, PRWI
Najadales	Potamogetonaceae	Potamogeton alpinus	GRPO, ISRO, PIRO
Najadales	Potamogetonaceae	Potamogeton amplifolius	APIS, EFMO, INDU, ISRO, MISS, PIRO, SACN, SLBE, VOYA
Najadales	Potamogetonaceae	Potamogeton bicupulatus	ACAD
Najadales	Potamogetonaceae	Potamogeton confervoides	ACAD, PIRO
Najadales	Potamogetonaceae	Potamogeton crispus	CUVA, EFMO, GWCA, MIMA, MISS, PIRO, SACN, SAIR, SARA, SLBE
Najadales	Potamogetonaceae	Potamogeton diversifolius	INDU, MANA, PRWI, SACN
Najadales	Potamogetonaceae	Potamogeton epihydrus	ACAD, APIS, GRPO, ISRO, PIRO, PRWI, SAGA, VOYA, WEFA
Najadales	Potamogetonaceae	Potamogeton foliosus	CATO, CUVA, EFMO, INDU, ISRO, MISS, OZAR, PIPE, PIRO, PRWI, SLBE, TAPR, VOYA
Najadales	Potamogetonaceae	Potamogeton friesii	PIRO, SLBE, VOYA
Najadales	Potamogetonaceae	Potamogeton gramineus	ACAD, APIS, EFMO, GRPO, INDU, ISRO, PIRO, SLBE, VOYA
Najadales	Potamogetonaceae	Potamogeton hillii	WEFA
Najadales	Potamogetonaceae	Potamogeton illinoensis	APIS, INDU, MISS, PIRO, SLBE
Najadales	Potamogetonaceae	Potamogeton natans	ACAD, APIS, EFMO, INDU, ISRO, PIRO, SACN, SAGA, SLBE, VOYA
Najadales	Potamogetonaceae	Potamogeton nodosus	CUVA, EFMO, HOCU, INDU, MISS, SACN, TAPR
Najadales	Potamogetonaceae	Potamogeton oakesianus	ACAD, APIS, PIRO, SLBE
Najadales	Potamogetonaceae	Potamogeton obtusifolius	ISRO, PIRO
Najadales	Potamogetonaceae	Potamogeton perfoliatus	ACAD, APIS, EFMO, SLBE
Najadales	Potamogetonaceae	Potamogeton praelongus	EFMO, ISRO, PIRO, SLBE
Najadales	Potamogetonaceae	Potamogeton pulcher	INDU
Najadales	Potamogetonaceae	Potamogeton pusillus	ACAD, APIS, ASIS, CUVA, GRPO, INDU, ISRO, MISS, PIRO, SACN, SLBE, VOYA
Najadales	Potamogetonaceae	Potamogeton richardsonii	APIS, EFMO, INDU, ISRO, MISS, PIRO, SACN, SLBE, VOYA
Najadales	Potamogetonaceae	Potamogeton robbinsii	EFMO, INDU, ISRO, PIRO, SACN, SLBE, VOYA
Najadales	Potamogetonaceae	Potamogeton spirillus	ACAD, ISRO, VOYA
Najadales	Potamogetonaceae	Potamogeton strictifolius	ISRO, PIRO, SLBE
Najadales	Potamogetonaceae	Potamogeton vaseyi	SAGA, VOYA
Najadales	Potamogetonaceae	Potamogeton zosteriformis	APIS, EFMO, INDU, ISRO, PIRO, SACN, SLBE, VOYA
Najadales	Potamogetonaceae	Stuckenia filiformis	ISRO, PIRO, SLBE, VOYA
Najadales	Potamogetonaceae	Stuckenia pectinatus	ANTI, APIS, ASIS, CUVA, INDU, ISRO, MISS, PIRO, SACN, SAGA, SAIR, SLBE, VOYA
Najadales	Potamogetonaceae	Stuckenia vaginatus	PIRO
Najadales	Ruppiaceae	Ruppia maritima	ACAD, ASIS, EFMO, GATE, SAIR
Najadales	Scheuchzeriaceae	Scheuchzeria palustris	ACAD, APIS, INDU, ISRO, PIRO, SACN, SLBE, VOYA
Najadales	Zannichelliaceae	Zannichellia palustris	ACAD, GWCA, MISS, PIPE, SACN
Najadales	Zosteraceae	Zostera marina	ACAD, ASIS, COLO, GATE
Nepenthales	Droseraceae	Drosera anglica	ISRO
Nepenthales	Droseraceae	Drosera intermedia	ACAD, APIS, ASIS, FIIS, INDU, ISRO, PIRO
Nepenthales	Droseraceae	Drosera linearis	ISRO
Nepenthales	Droseraceae	Drosera rotundifolia	ACAD, APIS, INDU, ISRO, PIRO, SACN, SLBE, VOYA
Nepenthales	Sarraceniaceae	Sarracenia purpurea	ACAD, APIS, INDU, ISRO, MIMA, PIRO, SACN, SLBE, VOYA
Nymphaeales	Cabombaceae	Brasenia schreberi	ACAD, APIS, CUVA, INDU, ISRO, MIMA, SLBE, VOYA, WEFA
Nymphaeales	Cabombaceae	Cabomba caroliniana	EFMO, MIMA
Nymphaeales	Ceratophyllaceae	Ceratophyllum demersum	APIS, COLO, CUVA, EFMO, GWCA, INDU, MIMA, MISS, PIPE, SACN, SARA, SLBE, TAPR, VOYA
Nymphaeales	Ceratophyllaceae	Ceratophyllum echinatum	COLO, GEWA, ISRO, PIRO, VOYA, WEFA
Nymphaeales	Nelumbonaceae	Nelumbo lutea	ARPO, EFMO, MIMA, MISS, SACN
Nymphaeales	Nymphaeaceae	Nuphar lutea	ACAD, APIS, CUVA, GEWA, INDU, ISRO, MABI, MIMA, OZAR, PIRO, SACN, SAGA, SLBE
Nymphaeales	Nymphaeaceae	Nymphaea odorata	ACAD, APIS, CUVA, EFMO, INDU, ISRO, MABI, MIMA, PIRO, SACN, SAGA, SLBE, VOYA
Nymphaeales	Nymphaeaceae	Nymphaea tetragona	ISRO, PIRO
Ophioglossales	Ophioglossaceae	Botrychium acuminatum	PIRO
Ophioglossales	Ophioglossaceae	Botrychium biternatum	ANTI, ASIS, COLO, PERI, PRWI

Ophioglossales	Ophioglossaceae	Botrychium campestre	PIRO, SLBE
Ophioglossales	Ophioglossaceae	Botrychium dissectum	ANTI, APIS, CATO, COLO, CUVA, EFMO, GATE, GWCA, HOCU, HOSP, INDU, LIBO, MABI, MANA, MISS, MORR, PRWI, SACN, SAGA, SARA, SLBE, THST, WEFA
Ophioglossales	Ophioglossaceae	Botrychium hesperium	SLBE
Ophioglossales	Ophioglossaceae	Botrychium lanceolatum	APIS, ISRO, SACN
Ophioglossales	Ophioglossaceae	Botrychium lunaria	ACAD, APIS, GRPO, ISRO, MABI, PIRO, SLBE
Ophioglossales	Ophioglossaceae	Botrychium matricariifolium	APIS, CATO, GRPO, INDU, ISRO, MABI, SACN, SAGA, SLBE
Ophioglossales	Ophioglossaceae	Botrychium michiganense	PIRO
Ophioglossales	Ophioglossaceae	Botrychium minganense	APIS, ISRO, PIRO, SACN, SLBE
Ophioglossales	Ophioglossaceae	Botrychium mormo	PIRO
Ophioglossales	Ophioglossaceae	Botrychium multifidum	ANTI, APIS, EFMO, GRPO, INDU, ISRO, MABI, MISS, PIRO, SACN, SLBE, VOYA
Ophioglossales	Ophioglossaceae	Botrychium oneidense	PRWI, SACN
Ophioglossales	Ophioglossaceae	Botrychium pallidum	SLBE
Ophioglossales	Ophioglossaceae	Botrychium pseudopinnatum	PIRO
Ophioglossales	Ophioglossaceae	Botrychium rugulosum	PIRO
Ophioglossales	Ophioglossaceae	Botrychium simplex	APIS, GRPO, INDU, ISRO, PIRO, SACN, SLBE
Ophioglossales	Ophioglossaceae	Botrychium spathulatum	ISRO, PIRO, SLBE
Ophioglossales	Ophioglossaceae	Botrychium virginianum	ACAD, ANTI, APIS, ARPO, BUFF, CATO, COLO, CUVA, EFMO, GEWA, GRPO, GWCA, HAFE, HOCU, HOME, INDU, ISRO, LIBO, MABI, MANA, MIMA, MISS, MORR, OZAR, PERI, PIRO, PRWI, SACN, SAGA, SLBE, TAPR, THST, VOYA, WEFA, WICR
Ophioglossales	Ophioglossaceae	Ophioglossum engelmannii	BUFF, OZAR
Ophioglossales	Ophioglossaceae	Ophioglossum pusillum	ACAD, APIS, INDU, SLBE
Ophioglossales	Ophioglossaceae	Ophioglossum vulgatum	ANTI, ARPO, CATO, COLO, CUVA, GEWA, MANA, PRWI, THST
Orchidales	Orchidaceae	Amerorchis rotundifolia	ISRO, VOYA
Orchidales	Orchidaceae	Aplectrum hyemale	ANTI, COLO, EFMO, HOCU, INDU, MISS, SACN, SLBE
Orchidales	Orchidaceae	Arethusa bulbosa	ACAD, APIS, ISRO, MISS, PIRO, VOYA
Orchidales	Orchidaceae	Calopogon tuberosus	ACAD, APIS, INDU, ISRO, MISS, PIRO, SACN, SLBE, VOYA
Orchidales	Orchidaceae	Calypso bulbosa	ISRO, PIRO, SACN, SLBE, VOYA
Orchidales	Orchidaceae	Cleistes divaricata	COLO
Orchidales	Orchidaceae	Coeloglossum viride	APIS, CATO, GRPO, INDU, ISRO, MISS, PIRO, SACN, SLBE
Orchidales	Orchidaceae	Corallorhiza odontorhiza	OZAR
Orchidales	Orchidaceae	Corallorrhiza maculata	APIS, CATO, CUVA, GRPO, HAFE, INDU, ISRO, PIRO, SACN, SAGA, SLBE, VOYA
Orchidales	Orchidaceae	Corallorrhiza odontorhiza	CATO, INDU, MABI, MANA, MISS, PRWI, SACN, SLBE
Orchidales	Orchidaceae	Corallorrhiza striata	APIS, GRPO, ISRO, PIRO, SLBE, VOYA
Orchidales	Orchidaceae	Corallorrhiza trifida	ACAD, APIS, GRPO, ISRO, MISS, PIRO, SACN, SLBE, VOYA
Orchidales	Orchidaceae	Cypripedium acaule	ACAD, APIS, ASIS, CATO, COLO, CUVA, INDU, ISRO, MANA, MIMA, PIRO, PRWI, SACN, SAGA, SARA, SLBE, THST, VOYA, WEFA
Orchidales	Orchidaceae	Cypripedium arietinum	ISRO, PIRO, SLBE
Orchidales	Orchidaceae	Cypripedium calceolus	CUVA, EFMO, MABI, OZAR, VOYA
Orchidales	Orchidaceae	Cypripedium candidum	INDU, MISS
Orchidales	Orchidaceae	Cypripedium parviflorum	APIS, CUVA, EFMO, PIPE, PIRO, SACN
Orchidales	Orchidaceae	Cypripedium pubescens	INDU, ISRO, MISS, PIRO, SACN, SLBE
Orchidales	Orchidaceae	Cypripedium reginae	INDU, ISRO, MABI, MISS, OZAR, SACN, SLBE, VOYA
Orchidales	Orchidaceae	Epipactis helleborine	ACAD, CUVA, GATE, INDU, MABI, MIMA, MORR, PIRO, SAGA, SARA, SLBE
Orchidales	Orchidaceae	Galearis spectabilis	ANTI, CATO, COLO, CUVA, MABI, MISS, MORR, OZAR, PRWI, SACN, THST
Orchidales	Orchidaceae	Goodyera oblongifolia	APIS, ISRO, PIRO, SLBE
Orchidales	Orchidaceae	Goodyera pubescens	ACAD, BUFF, CATO, COLO, CUVA, EFMO, HAFE, INDU, MABI, MANA, MIMA, MISS, MORR, OZAR, PIRO, PRWI, SACN, SARA, THST, WEFA
Orchidales	Orchidaceae	Goodyera repens	ACAD, APIS, GRPO, ISRO, MORR, PIRO, SACN, SLBE, VOYA
Orchidales	Orchidaceae	Goodyera tesselata	APIS, GRPO, ISRO, MABI, MORR, PIRO, SACN, SLBE, VOYA
Orchidales	Orchidaceae	Hexalectris spicata	COLO
Orchidales	Orchidaceae	Isotria medeoloides	PRWI
Orchidales	Orchidaceae	Isotria verticillata	CATO, CUVA, HOSP, INDU, MIMA, PRWI, WEFA
Orchidales	Orchidaceae	Liparis liliifolia	ANTI, BUFF, CATO, COLO, EFMO, INDU, LIBO, MANA, MISS, OZAR, PRWI, SACN
Orchidales	Orchidaceae	Liparis loeselii	ANTI, APIS, COLO, CUVA, INDU, ISRO, OZAR, PIRO, SACN, SLBE, VOYA
Orchidales	Orchidaceae	Listera auriculata	GRPO, ISRO, PIRO
Orchidales	Orchidaceae	Listera australis	ASIS, COLO
Orchidales	Orchidaceae	Listera convallarioides	APIS, ISRO, PIRO, SLBE
Orchidales	Orchidaceae	Listera cordata	ACAD, APIS, ISRO, PIRO, SACN, VOYA
Orchidales	Orchidaceae	Malaxis brachypoda	ISRO, PIRO, SACN, SLBE, VOYA
Orchidales	Orchidaceae	Malaxis spicata	COLO
Orchidales	Orchidaceae	Malaxis unifolia	ACAD, APIS, COLO, INDU, ISRO, OZAR, PRWI, SACN, VOYA
Orchidales	Orchidaceae	Platanthera blephariglottis	SLBE
Orchidales	Orchidaceae	Platanthera ciliaris	HOSP, INDU
Orchidales	Orchidaceae	Platanthera clavellata	ACAD, APIS, CATO, HOSP, INDU, ISRO, PIRO, PRWI, SACN, SLBE
Orchidales	Orchidaceae	Platanthera cristata	ASIS
Orchidales	Orchidaceae	Platanthera dilatata	ISRO, PIRO, SACN, SLBE, VOYA
Orchidales	Orchidaceae	Platanthera flava	INDU, MISS, OZAR

Orchidales	Orchidaceae	Platanthera grandiflora	
Orchidales	Orchidaceae	Platanthera hookeri	INDU, ISRO, PIRO, SACN, SLBE, VOYA
Orchidales	Orchidaceae	Platanthera hyperborea	APIS, GRPO, INDU, ISRO, MABI, PIRO, SACN, SAGA, SLBE, VOYA
Orchidales	Orchidaceae	Platanthera lacera	ACAD, APIS, CATO, GATE, GWCA, INDU, MABI, MANA, MIMA, MISS, MORR, PRWI, SACN, SLBE
Orchidales	Orchidaceae	Platanthera leucophaea	MISS
Orchidales	Orchidaceae	Platanthera obtusata	APIS, ISRO, PIRO, SACN, SLBE, VOYA
Orchidales	Orchidaceae	Platanthera orbiculata	APIS, CUVA, ISRO, PIRO, SACN, SLBE, VOYA
Orchidales	Orchidaceae	Platanthera peramoena	CATO, LIBO
Orchidales	Orchidaceae	Platanthera praeclara	PIPE
Orchidales	Orchidaceae	Platanthera psycodes	ACAD, APIS, GRPO, INDU, ISRO, MIMA, PIRO, SACN, SLBE, VOYA
Orchidales	Orchidaceae	Pogonia ophioglossoides	ACAD, APIS, ASIS, INDU, ISRO, MIMA, PIRO, SACN, SLBE, VOYA
Orchidales	Orchidaceae	Ponthieva racemosa	COLO
Orchidales	Orchidaceae	Spiranthes cernua	ACAD, ANTI, APIS, ARPO, ASIS, CATO, COLO, CUVA, FIIS, GATE, GWCA, HOME, INDU, ISRO, OZAR, PIRO, SACN, SLBE, TAPR
Orchidales	Orchidaceae	Spiranthes lacera	ANTI, APIS, CATO, GWCA, INDU, ISRO, MANA, MIMA, OZAR, PIRO, PRWI, SACN, SLBE, VOYA
Orchidales	Orchidaceae	Spiranthes lucida	CUVA, INDU
Orchidales	Orchidaceae	Spiranthes magnicamporum	CUVA, OZAR
Orchidales	Orchidaceae	Spiranthes ochroleuca	CUVA, SARA
Orchidales	Orchidaceae	Spiranthes odorata	COLO
Orchidales	Orchidaceae	Spiranthes ovalis	CUVA, LIBO, PRWI
Orchidales	Orchidaceae	Spiranthes romanzoffiana	APIS, ISRO, PIRO, SLBE
Orchidales	Orchidaceae	Spiranthes tuberosa	HOSP, MANA, PERI, PRWI
Orchidales	Orchidaceae	Spiranthes vernalis	ARPO, ASIS, COLO, GEWA, MABI, PRWI, TAPR
Orchidales	Orchidaceae	Tipularia discolor	COLO, HOSP, MANA, PRWI, THST
Orchidales	Orchidaceae	Triphora trianthophora	EFMO, INDU, PERI, SLBE
Papaverales	Fumariaceae	Corydalis aurea	EFMO, GRPO, ISRO, MISS, SACN, SLBE, VOYA
Papaverales	Fumariaceae	Corydalis crystallina	GWCA, HOME
Papaverales	Fumariaceae	Corydalis flavula	ANTI, BUFF, CATO, GWCA, HAFE, HOCU, LIBO, MANA, OZAR, PERI, PRWI, THST, WEFA
Papaverales	Fumariaceae	Corydalis micrantha	HOME, MISS, PERI, PIPE, TAPR
Papaverales	Fumariaceae	Corydalis sempervirens	ACAD, APIS, CATO, CUVA, GRPO, INDU, ISRO, MIMA, SACN, SLBE, VOYA, WEFA
Papaverales	Fumariaceae	Dicentra canadensis	ANTI, ARPO, CUVA, EFMO, INDU, MABI, PIRO, SLBE
Papaverales	Fumariaceae	Dicentra cucullaria	ANTI, APIS, BUFF, CATO, CUVA, EFMO, HOCU, INDU, ISRO, MABI, MANA, MIMA, MISS, OZAR, PIPE, PIRO, PRWI, SACN, SLBE
Papaverales	Fumariaceae	Dicentra eximia	MIMA
Papaverales	Fumariaceae	Fumaria officinalis	COLO
Papaverales	Fumariaceae	Lamprocapnos spectabilis	SAGA
Papaverales	Papaveraceae	Chelidonium majus	ANTI, CATO, CUVA, EFMO, HAFE, INDU, MABI, MIMA, MORR, SAGA, SAIR, SARA, WEFA
Papaverales	Papaveraceae	Papaver dubium	CATO, HOCU, WICR
Papaverales	Papaveraceae	Papaver orientale	SAGA
Papaverales	Papaveraceae	Sanguinaria canadensis	ANTI, BUFF, CATO, COLO, CUVA, EFMO, GRPO, HAFE, HOCU, INDU, LIBO, MABI, MANA, MIMA, MISS, MORR, OZAR, PERI, PIRO, PRWI, SACN, SAGA, SARA, SLBE, VOYA, WEFA, WICR
Papaverales	Papaveraceae	Stylophorum diphyllum	ANTI, INDU
Pinales	Cupressaceae	Chamaecyparis thyoides	MIMA
Pinales	Cupressaceae	Juniperus ashei	PERI
Pinales	Cupressaceae	Juniperus chinensis	GATE
Pinales	Cupressaceae	Juniperus communis	ACAD, APIS, CUVA, EFMO, GRPO, INDU, ISRO, MABI, MIMA, MISS, PIRO, SACN, SLBE, VOYA, WEFA
Pinales	Cupressaceae	Juniperus conferta	GATE
Pinales	Cupressaceae	Juniperus horizontalis	ACAD, ANTI, CUVA, EFMO, GATE, GRPO, ISRO, MISS, PIRO, SACN, SLBE, VOYA
Pinales	Cupressaceae	Juniperus virginiana	ANTI, ARPO, ASIS, BUFF, CATO, COLO, CUVA, EFMO, GATE, GEWA, GWCA, HAFE, HEHO, HOCU, HOME, HOSP, INDU, LIBO, MANA, MIMA, MISS, MORR, OZAR, PERI, PIPE, PRWI, SACN, SARA, SLBE, TAPR, THST, WEFA, WICR
Pinales	Cupressaceae	Thuja occidentalis	ACAD, ANTI, APIS, CUVA, GATE, GRPO, HOCU, INDU, ISRO, LIBO, MABI, MIMA, MORR, PIRO, SACN, SARA, SLBE, VOYA
Pinales	Pinaceae	Abies balsamea	ACAD, ANTI, APIS, EFMO, GRPO, ISRO, MABI, MIMA, MORR, PIPE, PIRO, SACN, SLBE, VOYA
Pinales	Pinaceae	Abies concolor	ANTI
Pinales	Pinaceae	Abies fraseri	MIMA, PRWI
Pinales	Pinaceae	Abies nordmanniana	ANTI
Pinales	Pinaceae	Larix decidua	ANTI, MABI, MIMA
Pinales	Pinaceae	Larix laricina	ACAD, APIS, GATE, INDU, ISRO, MIMA, MISS, PIRO, SACN, SLBE, VOYA
Pinales	Pinaceae	Picea abies	ANTI, CUVA, EFMO, HOCU, LIBO, MABI, MIMA, MORR, SAGA, SARA, SLBE, WEFA
Pinales	Pinaceae	Picea glauca	ACAD, APIS, CUVA, GRPO, ISRO, MABI, MORR, PIPE, PIRO, SACN, SLBE, VOYA, WEFA
Pinales	Pinaceae	Picea mariana	ACAD, APIS, GRPO, ISRO, MABI, MIMA, PIRO, SACN, SLBE, VOYA
Pinales	Pinaceae	Picea pungens	ASIS, CUVA, EFMO, GATE, MIMA, SLBE
Pinales	Pinaceae	Picea rubens	ACAD, MABI, MIMA

Pinales	Pinaceae	Pinus banksiana	ACAD, APIS, GRPO, INDU, ISRO, PIRO, SACN, SLBE, VOYA
Pinales	Pinaceae	Pinus echinata	ASIS, BUFF, HOSP, OZAR, PERI, PRWI
Pinales	Pinaceae	Pinus nigra	ASIS, CUVA, GATE, HOCU, INDU, TAPR, VOYA
Pinales	Pinaceae	Pinus pungens	CATO, HAFE, PRWI
Pinales	Pinaceae	Pinus resinosa	ACAD, ANTI, APIS, CUVA, GRPO, HOCU, ISRO, MABI, MIMA, MORR, PIRO, SACN, SARA, SLBE, VOYA
Pinales	Pinaceae	Pinus rigida	ACAD, ANTI, ASIS, CATO, FIIS, GATE, HAFE, LIBO, MIMA, MORR, PRWI, SARA
Pinales	Pinaceae	Pinus strobus	ACAD, ANTI, APIS, CATO, CUVA, EFMO, GATE, GRPO, HAFE, HOCU, INDU, ISRO, LIBO, MABI, MANA, MIMA, MISS, MORR, PIRO, PRWI, SACN, SAGA, SARA, SLBE, VOYA, WEFA
Pinales	Pinaceae	Pinus sylvestris	ACAD, CUVA, GATE, INDU, MABI, MIMA, SARA, SLBE
Pinales	Pinaceae	Pinus taeda	ARPO, ASIS, COLO, GEWA
Pinales	Pinaceae	Pinus thunbergiana	GATE
Pinales	Pinaceae	Pinus virginiana	ANTI, ASIS, CATO, COLO, CUVA, GATE, GEWA, HAFE, MANA, MORR, PRWI, THST
Pinales	Pinaceae	Pseudotsuga menziesii	LIBO, MORR
Pinales	Pinaceae	Tsuga canadensis	ACAD, ANTI, APIS, CATO, CUVA, EFMO, GATE, HAFE, MABI, MANA, MIMA, MORR, PIRO, PRWI, SAGA, SARA, SLBE, WEFA
Pinales	Pinaceae	Tsuga caroliniana	CUVA
Pinales	Taxodiaceae	Taxodium distichum	ANTI, ARPO, COLO, LIBO, MORR
Piperales	Saururaceae	Saururus cernuus	COLO, GEWA, HAFE, INDU, MANA, OZAR, PRWI, THST
Plantaginales	Plantaginaceae	Littorella uniflora	VOYA
Plantaginales	Plantaginaceae	Plantago aristata	ANTI, ARPO, ASIS, COLO, GATE, GEWA, GWCA, MANA, MIMA, OZAR, PERI, PRWI, SACN
Plantaginales	Plantaginaceae	Plantago cordata	OZAR
Plantaginales	Plantaginaceae	Plantago elongata	PIPE
Plantaginales	Plantaginaceae	Plantago heterophylla	GATE, GEWA
Plantaginales	Plantaginaceae	Plantago lanceolata	ACAD, ANTI, APIS, ASIS, CATO, COLO, CUVA, EFMO, GATE, GEWA, GWCA, HOCU, INDU, ISRO, LIBO, MABI, MANA, MIMA, MISS, MORR, OZAR, PERI, PIRO, PRWI, SACN, SAGA, SAIR, SARA, SLBE, THST, WEFA, WICR
Plantaginales	Plantaginaceae	Plantago major	ACAD, ANTI, APIS, ASIS, COLO, CUVA, EFMO, GATE, GRPO, HOCU, INDU, ISRO, LIBO, MABI, MANA, MIMA, MORR, OZAR, PIPE, PIRO, PRWI, SACN, SAGA, SAIR, SARA, SLBE, VOYA, WEFA
Plantaginales	Plantaginaceae	Plantago maritima	ACAD, ASIS, GATE
Plantaginales	Plantaginaceae	Plantago patagonica	ARPO, HOME, MISS, PIPE, SACN, TAPR
Plantaginales	Plantaginaceae	Plantago psyllium	GATE, MISS
Plantaginales	Plantaginaceae	Plantago rhodosperma	HOME, TAPR
Plantaginales	Plantaginaceae	Plantago rugelii	ANTI, ASIS, BUFF, CATO, COLO, CUVA, EFMO, GATE, GEWA, GWCA, HAFE, HOME, INDU, MANA, MIMA, MORR, OZAR, PERI, PIRO, PRWI, SACN, SARA, SLBE, TAPR, VOYA, WICR
Plantaginales	Plantaginaceae	Plantago virginica	ARPO, ASIS, BUFF, COLO, GEWA, GWCA, HOME, INDU, MANA, PERI, PRWI, TAPR, THST, WICR
Plumbaginales	Plumbaginaceae	Limonium carolinianum	ACAD, COLO, GATE
Polygalales	Polygalaceae	Polygala ambigua	SARA
Polygalales	Polygalaceae	Polygala cruciata	INDU, MISS
Polygalales	Polygalaceae	Polygala curtissii	ASIS, PRWI
Polygalales	Polygalaceae	Polygala incarnata	PRWI, WICR
Polygalales	Polygalaceae	Polygala mariana	COLO, GEWA, PRWI, THST
Polygalales	Polygalaceae	Polygala paucifolia	ACAD, GRPO, INDU, ISRO, MIMA, PIRO, SACN, SAGA, SARA, SLBE
Polygalales	Polygalaceae	Polygala polygama	INDU, SACN
Polygalales	Polygalaceae	Polygala sanguinea	ACAD, ARPO, CUVA, EFMO, GWCA, INDU, LIBO, MANA, MIMA, OZAR, PERI, PRWI, SACN, SARA
Polygalales	Polygalaceae	Polygala senega	BUFF, CUVA, EFMO, INDU, MISS, OZAR, SACN, WICR
Polygalales	Polygalaceae	Polygala verticillata	ASIS, BUFF, CATO, COLO, CUVA, GWCA, HOSP, INDU, MANA, MISS, OZAR, PERI, PRWI, SACN, SARA, TAPR, WICR
Polygonales	Polygonaceae	Eriogonum longifolium	BUFF
Polygonales	Polygonaceae	Fagopyrum esculentum	GATE, INDU, MISS, SARA, VOYA
Polygonales	Polygonaceae	Fagopyrum tataricum	GATE
Polygonales	Polygonaceae	Polygonella articulata	ACAD, APIS, ASIS, FIIS, GATE, INDU, MISS, PIRO, SACN, SLBE
Polygonales	Polygonaceae	Polygonum achoreum	ACAD, APIS, GRPO, ISRO, MISS, PIPE, PIRO, VOYA
Polygonales	Polygonaceae	Polygonum amphibium	APIS, ARPO, CUVA, EFMO, GRPO, HOME, INDU, ISRO, MIMA, PIPE, PIRO, SACN, SAIR, SLBE, VOYA, WICR
Polygonales	Polygonaceae	Polygonum arenastrum	ACAD, APIS, GATE, HOME, INDU, MANA, MISS, SACN
Polygonales	Polygonaceae	Polygonum arifolium	CATO, COLO, CUVA, INDU, MIMA, MORR, PRWI, SACN, THST, WEFA
Polygonales	Polygonaceae	Polygonum aubertii	GATE
Polygonales	Polygonaceae	Polygonum aviculare	ACAD, ANTI, APIS, ASIS, COLO, CUVA, EFMO, GATE, GEWA, GRPO, GWCA, HAFE, HOCU, INDU, ISRO, MIMA, MISS, OZAR, PERI, PIPE, PIRO, PRWI, SACN, SAGA, SARA, SLBE, VOYA
Polygonales	Polygonaceae	Polygonum buxiforme	ACAD, SACN
Polygonales	Polygonaceae	Polygonum caespitosum	ASIS, CATO, COLO, EFMO, GATE, GEWA, HAFE, HOCU, INDU, LIBO, MANA, MIMA, PRWI, THST, WEFA
Polygonales	Polygonaceae	Polygonum careyi	ACAD, INDU
Polygonales	Polygonaceae	Polygonum cilinode	ACAD, APIS, CUVA, GRPO, ISRO, PIRO, SACN, SLBE, VOYA
Polygonales	Polygonaceae	Polygonum convolvulus	ANTI, APIS, CUVA, EFMO, GATE, GRPO, GWCA, INDU, ISRO, MIMA, MISS, OZAR, PIPE, SACN, SARA, SLBE, VOYA

Polygonales	Polygonaceae	Polygonum cuspidatum	ACAD, APIS, COLO, CUVA, GATE, INDU, LIBO, MABI, MIMA, MORR, PRWI, SACN, SAIR, SARA, WEFA
Polygonales	Polygonaceae	Polygonum densiflorum	ARPO, OZAR
Polygonales	Polygonaceae	Polygonum douglasii	ISRO, VOYA
Polygonales	Polygonaceae	Polygonum erectum	SACN, SARA
Polygonales	Polygonaceae	Polygonum glaucum	ASIS, FIIS, GATE
Polygonales	Polygonaceae	Polygonum hastatum	MIMA
Polygonales	Polygonaceae	Polygonum hydropiper	ACAD, ANTI, APIS, CUVA, GATE, GEWA, GRPO, GWCA, INDU, MABI, MISS, OZAR, PIPE, PIRO, SACN, SLBE, VOYA
Polygonales	Polygonaceae	Polygonum hydropiperoides	ANTI, ARPO, ASIS, CATO, COLO, CUVA, GATE, GEWA, GWCA, HOSP, INDU, MANA, MIMA, OZAR, PERI, SACN, SARA, WEFA
Polygonales	Polygonaceae	Polygonum lapathifolium	ACAD, ANTI, APIS, CUVA, EFMO, GATE, GRPO, HOME, INDU, ISRO, MIMA, MISS, MORR, PIPE, PIRO, SACN, SARA, TAPR, VOYA
Polygonales	Polygonaceae	Polygonum pensylvanicum	ANTI, APIS, ASIS, COLO, CUVA, GATE, GEWA, HOCU, HOME, INDU, MANA, MIMA, MISS, MORR, OZAR, PIPE, PIRO, PRWI, SACN, SAGA, SARA, TAPR, WICR
Polygonales	Polygonaceae	Polygonum perfoliatum	CATO, PRWI, THST
Polygonales	Polygonaceae	Polygonum persicaria	ACAD, ANTI, APIS, ASIS, BUFF, CATO, COLO, CUVA, EFMO, GATE, GWCA, HOCU, INDU, MANA, MIMA, MORR, OZAR, PIPE, PIRO, PRWI, SACN, SARA, SLBE, TAPR, VOYA
Polygonales	Polygonaceae	Polygonum punctatum	APIS, ASIS, CATO, COLO, CUVA, EFMO, GATE, GEWA, GRPO, GWCA, HOCU, HOME, INDU, MABI, MANA, OZAR, PIPE, PIRO, PRWI, SACN, SAIR, SARA, SLBE, TAPR, THST, VOYA, WICR
Polygonales	Polygonaceae	Polygonum ramosissimum	ACAD, APIS, GATE, GWCA, HOME, PIPE, PIRO, SACN, VOYA
Polygonales	Polygonaceae	Polygonum robustius	WEFA
Polygonales	Polygonaceae	Polygonum sagittatum	APIS, CATO, COLO, CUVA, GATE, GEWA, GRPO, INDU, ISRO, MANA, MIMA, MISS, MORR, PRWI, SACN, SAGA, SAIR, SARA, THST, VOYA, WEFA
Polygonales	Polygonaceae	Polygonum scandens	APIS, CATO, CUVA, EFMO, GATE, GWCA, HEHO, HOCU, HOME, INDU, LIBO, MANA, MIMA, MISS, MORR, OZAR, PIPE, SACN, SARA, TAPR, THST, VOYA, WEFA, WICR
Polygonales	Polygonaceae	Polygonum setaceum	COLO, GEWA, PRWI
Polygonales	Polygonaceae	Polygonum tenue	CATO, INDU, MANA, MISS, OZAR, PIPE, SACN
Polygonales	Polygonaceae	Polygonum virginianum	COLO, CUVA, EFMO, GATE, GEWA, GWCA, HAFE, HOCU, HOME, INDU, LIBO, MANA, OZAR, PERI, PRWI, SACN, SAGA, SARA, TAPR, THST, WICR
Polygonales	Polygonaceae	Polygonum viviparum	ISRO
Polygonales	Polygonaceae	Rheum rhabarbarum	APIS, ISRO, SACN
Polygonales	Polygonaceae	Rumex acetosa	GATE
Polygonales	Polygonaceae	Rumex acetosella	ACAD, ANTI, APIS, ARPO, ASIS, BUFF, CATO, COLO, CUVA, EFMO, FIIS, GATE, GEWA, GRPO, GWCA, HAFE, HOCU, INDU, ISRO, LIBO, MABI, MANA, MIMA, MISS, MORR, OZAR, PERI, PIRO, PRWI, SACN, SAGA, SAIR, SARA, SLBE, THST, VOYA, WEFA, WICR
Polygonales	Polygonaceae	Rumex altissimus	ARPO, CUVA, EFMO, GWCA, HEHO, HOME, INDU, MISS, OZAR, SACN, SLBE, TAPR, WICR
Polygonales	Polygonaceae	Rumex conglomeratus	COLO
Polygonales	Polygonaceae	Rumex crispus	ACAD, ANTI, APIS, ARPO, ASIS, BUFF, CATO, COLO, CUVA, EFMO, GATE, GRPO, GWCA, HEHO, HOCU, HOME, INDU, ISRO, MANA, MIMA, MORR, OZAR, PERI, PIPE, PIRO, PRWI, SACN, SAGA, SAIR, SARA, SLBE, TAPR, VOYA, WEFA, WICR
Polygonales	Polygonaceae	Rumex hastatulus	ANTI, ARPO, GATE
Polygonales	Polygonaceae	Rumex longifolius	ACAD, APIS, ISRO, VOYA
Polygonales	Polygonaceae	Rumex maritimus	EFMO, MISS, SACN, VOYA
Polygonales	Polygonaceae	Rumex obtusifolius	ACAD, ANTI, APIS, ARPO, ASIS, CATO, CUVA, GATE, GEWA, GWCA, HAFE, HOCU, INDU, ISRO, MABI, MANA, MIMA, MISS, OZAR, PIRO, PRWI, SACN, SAIR, SARA, SLBE, THST, VOYA, WICR
Polygonales	Polygonaceae	Rumex orbiculatus	ACAD, APIS, CUVA, GATE, GRPO, INDU, ISRO, SACN, SLBE, VOYA
Polygonales	Polygonaceae	Rumex pallidus	ACAD
Polygonales	Polygonaceae	Rumex patientia	ACAD, GRPO, MIMA, PIPE, SACN, VOYA
Polygonales	Polygonaceae	Rumex pulcher	ANTI, COLO, GEWA, PRWI
Polygonales	Polygonaceae	Rumex salicifolius	ACAD, APIS, EFMO, ISRO, MISS, PIPE, SACN, VOYA
Polygonales	Polygonaceae	Rumex verticillatus	ANTI, COLO, CUVA, EFMO, GATE, GEWA, HOCU, INDU, MANA, MISS, SACN, SARA
Polypodiales	Aspleniaceae	Asplenium bradleyi	HOSP
Polypodiales	Aspleniaceae	Asplenium pinnatifidum	HAFE, HOSP, PERI
Polypodiales	Aspleniaceae	Asplenium platyneuron	ANTI, ARPO, ASIS, BUFF, CATO, COLO, CUVA, GATE, GEWA, GWCA, HAFE, HOCU, HOSP, INDU, LIBO, MANA, MIMA, MORR, OZAR, PERI, PRWI, SLBE, THST, WICR
Polypodiales	Aspleniaceae	Asplenium resiliens	BUFF, OZAR
Polypodiales	Aspleniaceae	Asplenium rhizophyllum	ANTI, BUFF, MANA, OZAR, PERI, PRWI, SACN, SLBE
Polypodiales	Aspleniaceae	Asplenium ruta-muraria	OZAR
Polypodiales	Aspleniaceae	Asplenium trichomanes	ACAD, ANTI, CATO, HAFE, ISRO, MABI, MANA, PERI, SARA
Polypodiales	Aspleniaceae	Asplenium trichomanes-ramosum	SLBE
Polypodiales	Blechnaceae	Woodwardia areolata	ASIS, CATO, COLO, GEWA, HOSP, INDU, PRWI, THST
Polypodiales	Blechnaceae	Woodwardia virginica	ACAD, ASIS, COLO, GEWA, INDU, MIMA, SLBE
Polypodiales	Dennstaedtiaceae	Dennstaedtia punctilobula	ACAD, CATO, COLO, CUVA, GATE, GEWA, MABI, MIMA, MORR, PRWI, SAGA, SARA, THST, WEFA

Polypodiales	Dennstaedtiaceae	Pteridium aquilinum	ACAD, ANTI, APIS, ASIS, BUFF, CATO, COLO, CUVA, EFMO, GRPO, INDU, ISRO, MABI, MANA, MIMA, MORR, OZAR, PIRO, PRWI, SACN, SAGA, SARA, SLBE, VOYA, WEFA
Polypodiales	Dryopteridaceae	Athyrium filix-femina	ACAD, ANTI, APIS, BUFF, CATO, COLO, CUVA, EFMO, GATE, GEWA, GRPO, HOSP, INDU, ISRO, MABI, MIMA, MISS, MORR, PERI, PIRO, PRWI, SACN, SAGA, SAIR, SARA, SLBE, THST, VOYA, WEFA
Polypodiales	Dryopteridaceae	Cystopteris bulbifera	ANTI, APIS, CUVA, EFMO, MABI, MISS, OZAR, PIRO, SACN, SAGA, SLBE, VOYA
Polypodiales	Dryopteridaceae	Cystopteris fragilis	ACAD, ANTI, APIS, CUVA, EFMO, GATE, GRPO, ISRO, LIBO, MABI, MIMA, MORR, PIPE, SACN, SLBE, VOYA, WEFA
Polypodiales	Dryopteridaceae	Cystopteris laurentiana	APIS, PIRO
Polypodiales	Dryopteridaceae	Cystopteris protrusa	ANTI, BUFF, CATO, CUVA, INDU, MANA, OZAR, PRWI, THST
Polypodiales	Dryopteridaceae	Cystopteris tennesseensis	PERI, SACN, TAPR
Polypodiales	Dryopteridaceae	Cystopteris tenuis	APIS, GRPO, INDU, MISS, PERI, SACN, SAGA, SARA, SLBE
Polypodiales	Dryopteridaceae	Deparia acrostichoides	ACAD, CATO, CUVA, EFMO, INDU, MABI, MORR, PIRO, PRWI, SACN, SAGA, SARA, SLBE
Polypodiales	Dryopteridaceae	Diplazium pycnocarpon	CUVA, MABI, OZAR, SLBE
Polypodiales	Dryopteridaceae	Dryopteris campyloptera	ACAD, MORR, VOYA
Polypodiales	Dryopteridaceae	Dryopteris carthusiana	ACAD, ANTI, APIS, CATO, COLO, GRPO, HAFE, INDU, ISRO, MABI, MIMA, MISS, PIRO, PRWI, SACN, SARA, SLBE, VOYA
Polypodiales	Dryopteridaceae	Dryopteris celsa	COLO
Polypodiales	Dryopteridaceae	Dryopteris clintoniana	MABI, SAGA, SLBE
Polypodiales	Dryopteridaceae	Dryopteris cristata	ACAD, APIS, CATO, CUVA, INDU, ISRO, MIMA, MORR, PIRO, PRWI, SACN, SARA, SLBE, VOYA, WEFA
Polypodiales	Dryopteridaceae	Dryopteris expansa	APIS, GRPO, ISRO
Polypodiales	Dryopteridaceae	Dryopteris filix-mas	MABI
Polypodiales	Dryopteridaceae	Dryopteris fragrans	ACAD, GRPO, ISRO, SACN, VOYA
Polypodiales	Dryopteridaceae	Dryopteris goldiana	CUVA, EFMO, MABI, MORR, SACN, SARA, SLBE
Polypodiales	Dryopteridaceae	Dryopteris intermedia	ACAD, APIS, CATO, CUVA, EFMO, GEWA, GRPO, INDU, ISRO, MABI, MANA, MIMA, MORR, SACN, SAGA, SARA, SLBE
Polypodiales	Dryopteridaceae	Dryopteris marginalis	ACAD, ANTI, CATO, CUVA, HAFE, ISRO, MABI, MANA, MIMA, MORR, OZAR, PERI, PIRO, PRWI, SAGA, SARA, SLBE, WEFA
Polypodiales	Dryopteridaceae	Gymnocarpium disjunctum	ISRO, PIRO
Polypodiales	Dryopteridaceae	Gymnocarpium dryopteris	ACAD, APIS, GRPO, ISRO, MABI, MORR, PIRO, SACN, SAGA, SARA, SLBE, VOYA
Polypodiales	Dryopteridaceae	Gymnocarpium jessoense	GRPO
Polypodiales	Dryopteridaceae	Gymnocarpium robertianum	GRPO, VOYA
Polypodiales	Dryopteridaceae	Macrothelypteris torresiana	SACN, SLBE
Polypodiales	Dryopteridaceae	Matteuccia struthiopteris	APIS, CUVA, EFMO, GRPO, INDU, ISRO, MABI, MISS, PIRO, SACN, SAGA, SARA, SLBE, VOYA
Polypodiales	Dryopteridaceae	Onoclea sensibilis	ACAD, ANTI, APIS, ASIS, CATO, COLO, CUVA, EFMO, GATE, GEWA, GRPO, HOCU, INDU, ISRO, LIBO, MABI, MANA, MIMA, MISS, MORR, OZAR, PIRO, PRWI, SACN, SAGA, SAIR, SARA, SLBE, THST, VOYA, WEFA
Polypodiales	Dryopteridaceae	Polystichum acrostichoides	ACAD, ANTI, ARPO, BUFF, CATO, COLO, CUVA, GEWA, HAFE, HOCU, HOSP, INDU, LIBO, MABI, MANA, MIMA, MORR, OZAR, PERI, PRWI, SAGA, SARA, SLBE, THST, WEFA
Polypodiales	Dryopteridaceae	Polystichum braunii	MABI, PIRO, SLBE
Polypodiales	Dryopteridaceae	Polystichum lonchitis	PIRO, SLBE
Polypodiales	Dryopteridaceae	Woodsia alpina	ISRO
Polypodiales	Dryopteridaceae	Woodsia glabella	GRPO
Polypodiales	Dryopteridaceae	Woodsia ilvensis	ACAD, GRPO, ISRO, SACN, VOYA
Polypodiales	Dryopteridaceae	Woodsia obtusa	ANTI, BUFF, CATO, EFMO, GWCA, HAFE, HOSP, OZAR, PERI, SACN, WICR
Polypodiales	Dryopteridaceae	Woodsia oregana	GRPO, PIPE, SACN, VOYA
Polypodiales	Dryopteridaceae	Woodsia scopulina	GRPO
Polypodiales	Osmundaceae	Osmunda cinnamomea	ACAD, ANTI, APIS, ASIS, CATO, COLO, CUVA, GATE, GEWA, GRPO, HOSP, INDU, ISRO, MABI, MIMA, MISS, MORR, PIRO, PRWI, SACN, SAGA, SAIR, SARA, SLBE, THST, VOYA, WEFA
Polypodiales	Osmundaceae	Osmunda claytoniana	ACAD, APIS, CATO, CUVA, EFMO, GRPO, INDU, ISRO, MABI, MIMA, MISS, MORR, PIRO, PRWI, SACN, SAGA, SARA, SLBE, VOYA, WEFA
Polypodiales	Osmundaceae	Osmunda regalis	ACAD, APIS, ASIS, CATO, COLO, FIIS, GATE, GEWA, HOSP, INDU, ISRO, MABI, MIMA, MORR, OZAR, PIRO, PRWI, SACN, SAGA, SARA, SLBE, THST, WEFA
Polypodiales	Polypodiaceae	Pleopeltis polypodioides	ARPO, BUFF, COLO, HOSP, OZAR
Polypodiales	Polypodiaceae	Polypodium appalachianum	SAGA
Polypodiales	Polypodiaceae	Polypodium virginianum	ACAD, ANTI, APIS, CUVA, EFMO, GRPO, HAFE, INDU, ISRO, MANA, MIMA, MISS, OZAR, PIRO, PRWI, SACN, SAGA, SLBE, VOYA, WEFA
Polypodiales	Pteridaceae	Adiantum capillus-veneris	HOSP, OZAR
Polypodiales	Pteridaceae	Adiantum pedatum	ANTI, APIS, BUFF, CATO, CUVA, EFMO, HAFE, HOCU, HOSP, INDU, MABI, MANA, MISS, MORR, OZAR, PERI, PIRO, PRWI, SACN, SAGA, SARA, SLBE, WEFA
Polypodiales	Pteridaceae	Argyrochosma dealbata	BUFF
Polypodiales	Pteridaceae	Cheilanthes alabamensis	BUFF, HOSP, PERI
Polypodiales	Pteridaceae	Cheilanthes eatonii	HAFE
Polypodiales	Pteridaceae	Cheilanthes feei	EFMO, OZAR, PERI
Polypodiales	Pteridaceae	Cheilanthes lanosa	ANTI, BUFF, HAFE, OZAR, PERI, SACN
Polypodiales	Pteridaceae	Cheilanthes tomentosa	HAFE, HOSP
Polypodiales	Pteridaceae	Cryptogramma acrostichoides	ISRO

Polypodiales	Pteridaceae	Cryptogramma stelleri	GRPO, ISRO, PIRO, SACN
Polypodiales	Pteridaceae	Pellaea atropurpurea	ANTI, BUFF, HAFE, HOSP, OZAR, PERI, TAPR, WICR
Polypodiales	Pteridaceae	Pellaea glabella	EFMO, MISS, OZAR, SACN
Polypodiales	Pteridaceae	Pteris multifida	HOSP
Polypodiales	Thelypteridaceae	Phegopteris connectilis	ACAD, APIS, GRPO, ISRO, MABI, MORR, PIRO, SACN, SARA, SLBE, VOYA
Polypodiales	Thelypteridaceae	Phegopteris hexagonoptera	BUFF, CATO, COLO, CUVA, HAFE, HOSP, INDU, MABI, MORR, OZAR, PERI, PRWI, SARA, SLBE, THST, WEFA
Polypodiales	Thelypteridaceae	Thelypteris noveboracensis	ACAD, CATO, COLO, CUVA, GEWA, HOSP, INDU, MABI, MANA, MORR, PRWI, SAGA, SARA, SLBE, THST
Polypodiales	Thelypteridaceae	Thelypteris palustris	ACAD, APIS, ASIS, CATO, COLO, CUVA, FIIS, GEWA, INDU, ISRO, MABI, MISS, MORR, PIRO, PRWI, SACN, SAGA, SARA, SLBE, THST, VOYA
Polypodiales	Thelypteridaceae	Thelypteris simulata	GATE, MIMA, WEFA
Primulales	Primulaceae	Anagallis arvensis	ANTI, ASIS, CATO, COLO, GEWA, MIMA, PERI, PRWI
Primulales	Primulaceae	Androsace occidentalis	HOME, PIPE, SACN, TAPR, WICR
Primulales	Primulaceae	Dodecatheon amethystinum	EFMO
Primulales	Primulaceae	Dodecatheon meadia	ANTI, BUFF, EFMO, INDU, OZAR, WICR
Primulales	Primulaceae	Dodecatheon pulchellum	EFMO
Primulales	Primulaceae	Glaux maritima	ACAD
Primulales	Primulaceae	Hottonia inflata	COLO
Primulales	Primulaceae	Lysimachia ciliata	ANTI, APIS, CATO, CUVA, EFMO, GRPO, GWCA, HAFE, HOCU, INDU, ISRO, MABI, MANA, MIMA, MISS, MORR, OZAR, PIPE, PRWI, SACN, SAGA, SARA, SLBE, VOYA, WEFA
Primulales	Primulaceae	Lysimachia hybrida	MIMA, SACN
Primulales	Primulaceae	Lysimachia lanceolata	GWCA, INDU, OZAR
Primulales	Primulaceae	Lysimachia nummularia	ACAD, ANTI, COLO, CUVA, EFMO, GEWA, HAFE, HOCU, INDU, MABI, MIMA, MORR, OZAR, SACN, SAGA, SARA, WEFA
Primulales	Primulaceae	Lysimachia punctata	GATE
Primulales	Primulaceae	Lysimachia quadriflora	INDU, MANA, MISS, OZAR
Primulales	Primulaceae	Lysimachia quadrifolia	ACAD, CATO, COLO, CUVA, EFMO, GATE, MANA, MIMA, PRWI, SACN, SAGA, SARA, THST, WEFA
Primulales	Primulaceae	Lysimachia radicans	ARPO
Primulales	Primulaceae	Lysimachia terrestris	ACAD, APIS, CUVA, FIIS, GRPO, INDU, ISRO, MABI, MIMA, PIRO, SACN, SARA, SLBE, VOYA, WEFA
Primulales	Primulaceae	Lysimachia thyrsiflora	APIS, EFMO, GRPO, INDU, ISRO, MISS, PIRO, SACN, SLBE, VOYA
Primulales	Primulaceae	Lysimachia vulgaris	ACAD, CUVA
Primulales	Primulaceae	Primula mistassinica	APIS, ISRO, PIRO, SACN
Primulales	Primulaceae	Samolus valerandi	ASIS, COLO, GEWA, HOCU, INDU, MANA, OZAR, PERI
Primulales	Primulaceae	Trientalis borealis	ACAD, APIS, CUVA, FIIS, GRPO, INDU, ISRO, MABI, MIMA, MISS, PIRO, SACN, SAGA, SARA, SLBE, VOYA, WEFA
Ranunculales	Berberidaceae	Berberis canadensis	OZAR
Ranunculales	Berberidaceae	Berberis thunbergii	ACAD, ANTI, APIS, CATO, COLO, CUVA, EFMO, FIIS, GATE, GEWA, HAFE, HOCU, HOME, INDU, LIBO, MABI, MANA, MIMA, MORR, PRWI, SACN, SAGA, SAIR, SARA, THST, WEFA
Ranunculales	Berberidaceae	Berberis vulgaris	ACAD, GATE, MABI, MIMA, MORR, SARA
Ranunculales	Berberidaceae	Caulophyllum thalictroides	ANTI, BUFF, CUVA, EFMO, GRPO, HAFE, INDU, MABI, MANA, MIMA, MISS, PIRO, SACN, SAGA, SARA, SLBE, WEFA
Ranunculales	Berberidaceae	Jeffersonia diphylla	ANTI, CUVA, HAFE, HOCU, MORR
Ranunculales	Berberidaceae	Mahonia aquifolium	INDU
Ranunculales	Berberidaceae	Mahonia bealei	COLO
Ranunculales	Berberidaceae	Nandina domestica	HOSP
Ranunculales	Berberidaceae	Podophyllum peltatum	ANTI, ARPO, ASIS, BUFF, CATO, COLO, CUVA, EFMO, GWCA, HAFE, HOCU, HOSP, INDU, LIBO, MABI, MANA, MIMA, MORR, OZAR, PERI, PRWI, SARA, THST, WICR
Ranunculales	Lardizabalaceae	Akebia quinata	ASIS, MIMA
Ranunculales	Menispermaceae	Calycocarpum lyonii	BUFF, OZAR, PRWI
Ranunculales	Menispermaceae	Cocculus carolinus	ARPO, GWCA, HOSP, OZAR, PERI, WICR
Ranunculales	Menispermaceae	Menispermum canadense	ANTI, BUFF, CATO, COLO, CUVA, EFMO, GATE, GEWA, GWCA, HAFE, HOCU, HOME, INDU, LIBO, MABI, MANA, MISS, MORR, OZAR, PIPE, PRWI, SACN, SARA, TAPR, THST, WICR
Ranunculales	Ranunculaceae	Aconitum napellus	ISRO
Ranunculales	Ranunculaceae	Actaea pachypoda	ACAD, APIS, BUFF, CATO, CUVA, EFMO, HOCU, INDU, ISRO, MABI, MIMA, MORR, OZAR, PIRO, SACN, SAGA, SARA, SLBE, WEFA
Ranunculales	Ranunculaceae	Actaea rubra	ACAD, APIS, EFMO, GRPO, INDU, ISRO, MABI, MIMA, MISS, PIRO, SACN, SAGA, SARA, SLBE, VOYA, WEFA
Ranunculales	Ranunculaceae	Actaea spicata	SARA
Ranunculales	Ranunculaceae	Anemone canadensis	APIS, EFMO, GRPO, HEHO, INDU, ISRO, MABI, MIMA, MISS, PIPE, PIRO, SACN, SARA, SLBE, VOYA, WICR
Ranunculales	Ranunculaceae	Anemone caroliniana	MISS, PIPE, SACN, TAPR
Ranunculales	Ranunculaceae	Anemone cylindrica	APIS, EFMO, GRPO, HEHO, INDU, MISS, PIPE, SACN, SLBE, VOYA
Ranunculales	Ranunculaceae	Anemone lancifolia	COLO
Ranunculales	Ranunculaceae	Anemone multifida	ISRO, SLBE
Ranunculales	Ranunculaceae	Anemone quinquefolia	ACAD, APIS, CATO, CUVA, EFMO, GRPO, INDU, ISRO, MABI, MANA, MIMA, MISS, MORR, PIRO, PRWI, SACN, SAGA, SARA, SLBE, VOYA, WEFA

Ranunculales	Ranunculaceae	Anemone virginiana	ACAD, ANTI, BUFF, CATO, COLO, CUVA, EFMO, GEWA, GRPO, HOCU, INDU, ISRO, MABI, MANA, MIMA, MISS, OZAR, PERI, PRWI, SACN, SAGA, SARA, SLBE, VOYA, WICR
Ranunculales	Ranunculaceae	Aquilegia canadensis	ACAD, ANTI, BUFF, CATO, COLO, CUVA, EFMO, GEWA, GRPO, HOCU, INDU, ISRO, MABI, MANA, MIMA, MISS, OZAR, PIPE, PIRO, PRWI, SACN, SAGA, SAIR, SARA, SLBE, TAPR, VOYA, WEFA
Ranunculales	Ranunculaceae	Aquilegia vulgaris	ACAD, APIS, INDU, ISRO, SAIR
Ranunculales	Ranunculaceae	Caltha natans	VOYA
Ranunculales	Ranunculaceae	Caltha palustris	ACAD, APIS, CATO, COLO, CUVA, GRPO, INDU, ISRO, MABI, MIMA, MISS, PIRO, SACN, SARA, SLBE, VOYA, WEFA
Ranunculales	Ranunculaceae	Cimicifuga racemosa	ANTI, BUFF, CATO, CUVA, HAFE, MABI, MANA, OZAR, PERI, PRWI
Ranunculales	Ranunculaceae	Clematis catesbyana	BUFF
Ranunculales	Ranunculaceae	Clematis occidentalis	GRPO, ISRO
Ranunculales	Ranunculaceae	Clematis ochroleuca	MANA, PRWI
Ranunculales	Ranunculaceae	Clematis pitcheri	OZAR, TAPR, WICR
Ranunculales	Ranunculaceae	Clematis ternifiora	ASIS, COLO, GATE, GEWA, SARA, TAPR
Ranunculales	Ranunculaceae	Clematis versicolor	PERI
Ranunculales	Ranunculaceae	Clematis viorna	ANTI, CATO, HAFE, HOCU, HOSP
Ranunculales	Ranunculaceae	Clematis virginiana	ANTI, APIS, CATO, CUVA, EFMO, HOCU, INDU, ISRO, LIBO, MABI, MISS, OZAR, PIRO, PRWI, SACN, SAGA, SARA, SLBE, THST, WEFA
Ranunculales	Ranunculaceae	Consolida ajacis	GATE, GEWA
Ranunculales	Ranunculaceae	Coptis trifolia	ACAD, APIS, GRPO, INDU, ISRO, MABI, MIMA, PIRO, SACN, SAGA, SARA, SLBE, VOYA
Ranunculales	Ranunculaceae	Delphinium carolinianum	BUFF, GWCA, HOME, HOSP, MISS, OZAR, PERI, PIPE, SACN, TAPR, WICR
Ranunculales	Ranunculaceae	Delphinium exaltatum	OZAR
Ranunculales	Ranunculaceae	Delphinium newtonianum	BUFF
Ranunculales	Ranunculaceae	Delphinium tricorne	ANTI, BUFF, HOCU, OZAR, WICR
Ranunculales	Ranunculaceae	Enemion biternatum	INDU, LIBO, MISS, OZAR, SACN
Ranunculales	Ranunculaceae	Eranthis hyemalis	GEWA
Ranunculales	Ranunculaceae	Hepatica nobilis	APIS, BUFF, CATO, COLO, INDU, ISRO, MANA, MIMA, MISS, MORR, OZAR, PIRO, PRWI, SACN, SAGA, SARA, SLBE, VOYA, WEFA
Ranunculales	Ranunculaceae	Hydrastis canadensis	ANTI, BUFF, CUVA, EFMO, HOCU, LIBO, OZAR
Ranunculales	Ranunculaceae	Myosurus minimus	PIPE, TAPR
Ranunculales	Ranunculaceae	Pulsatilla patens	EFMO, MISS, PIPE, SACN
Ranunculales	Ranunculaceae	Pulsatilla vulgaris	EFMO
Ranunculales	Ranunculaceae	Ranunculus abortivus	ANTI, APIS, ARPO, BUFF, CATO, COLO, CUVA, EFMO, GATE, GEWA, GRPO, GWCA, HOCU, HOME, HOSP, INDU, ISRO, MABI, MANA, MORR, OZAR, PIRO, PRWI, SACN, SAGA, SARA, SLBE, THST, VOYA, WEFA, WICR
Ranunculales	Ranunculaceae	Ranunculus acris	ACAD, ANTI, APIS, CUVA, GRPO, ISRO, MABI, MIMA, MORR, PIRO, SACN, SAGA, SARA, SLBE, VOYA
Ranunculales	Ranunculaceae	Ranunculus allegheniensis	CATO
Ranunculales	Ranunculaceae	Ranunculus aquatilis	ISRO, MISS, SACN
Ranunculales	Ranunculaceae	Ranunculus bulbosus	ANTI, ASIS, CATO, COLO, CUVA, GATE, GEWA, GWCA, MANA, MIMA, MORR, PRWI, SARA, SLBE, THST, WEFA
Ranunculales	Ranunculaceae	Ranunculus cymbalaria	ACAD, VOYA
Ranunculales	Ranunculaceae	Ranunculus fascicularis	BUFF, GWCA, INDU, ISRO, MIMA, PERI, PIPE, SACN, SARA, WICR
Ranunculales	Ranunculaceae	Ranunculus flabellaris	EFMO, INDU, MORR, PIPE, SACN, VOYA
Ranunculales	Ranunculaceae	Ranunculus flammula	ACAD, APIS, ISRO, PIRO, SLBE, VOYA
Ranunculales	Ranunculaceae	Ranunculus gmelinii	VOYA
Ranunculales	Ranunculaceae	Ranunculus harveyi	ARPO, BUFF
Ranunculales	Ranunculaceae	Ranunculus hederaceus	GEWA
Ranunculales	Ranunculaceae	Ranunculus hispidus	ANTI, APIS, ARPO, BUFF, CATO, GRPO, GWCA, HOCU, INDU, ISRO, MABI, MISS, MORR, OZAR, PERI, PIPE, PIRO, SACN, SAGA, SLBE, VOYA, WEFA, WICR
Ranunculales	Ranunculaceae	Ranunculus lapponicus	VOYA
Ranunculales	Ranunculaceae	Ranunculus longirostris	CUVA, PIPE, PIRO, SLBE, VOYA
Ranunculales	Ranunculaceae	Ranunculus macounii	ISRO
Ranunculales	Ranunculaceae	Ranunculus micranthus	GWCA, HAFE, HOCU, OZAR, PERI, WICR
Ranunculales	Ranunculaceae	Ranunculus parviflorus	ARPO, ASIS, COLO, GEWA
Ranunculales	Ranunculaceae	Ranunculus pensylvanicus	APIS, GRPO, INDU, ISRO, MABI, PIRO, SACN, SLBE, VOYA
Ranunculales	Ranunculaceae	Ranunculus pusillus	COLO, PRWI
Ranunculales	Ranunculaceae	Ranunculus recurvatus	ANTI, APIS, BUFF, CATO, COLO, CUVA, EFMO, GEWA, GWCA, HAFE, INDU, LIBO, MABI, MANA, MIMA, MISS, OZAR, PIRO, PRWI, SACN, SAGA, SARA, SLBE, THST, WEFA
Ranunculales	Ranunculaceae	Ranunculus repens	ACAD, CUVA, INDU, MIMA, MORR, PRWI, SARA
Ranunculales	Ranunculaceae	Ranunculus rhomboideus	ISRO, MISS, PIPE, SACN
Ranunculales	Ranunculaceae	Ranunculus sardous	ANTI, ARPO, GEWA
Ranunculales	Ranunculaceae	Ranunculus sceleratus	ANTI, ASIS, COLO, CUVA, EFMO, GEWA, INDU, ISRO, MORR, PIPE, SACN, SLBE, TAPR, VOYA
Ranunculales	Ranunculaceae	Ranunculus trichophyllus	PIPE
Ranunculales	Ranunculaceae	Thalictrum coriaceum	HAFE
Ranunculales	Ranunculaceae	Thalictrum dasycarpum	APIS, CUVA, EFMO, GRPO, HEHO, HOME, INDU, ISRO, MIMA, MISS, MORR, PIPE, PIRO, SACN, SLBE, TAPR, VOYA
Ranunculales	Ranunculaceae	Thalictrum dioicum	ANTI, APIS, CATO, CUVA, EFMO, INDU, MABI, MANA, MIMA, MISS, MORR, SACN, SAGA, SARA, SLBE, VOYA, WICR

Ranunculales	Ranunculaceae	Thalictrum pubescens	ACAD, ANTI, CATO, CUVA, MABI, MIMA, MORR, PRWI, SAGA, SAIR, SARA
Ranunculales	Ranunculaceae	Thalictrum revolutum	EFMO, HOCU, INDU, MANA, OZAR
Ranunculales	Ranunculaceae	Thalictrum thalictroides	BUFF, GWCA, HOCU, HOSP, INDU, LIBO, MIMA, MISS, MORR, OZAR, PERI, PRWI, SACN, SARA, WICR
Ranunculales	Ranunculaceae	Thalictrum venulosum	VOYA
Ranunculales	Ranunculaceae	Trautvetteria carolinensis	OZAR
Ranunculales	Ranunculaceae	Trollius europaeus	SAGA
Ranunculales	Ranunculaceae	Xanthorhiza simplicissima	MORR
Rhamnales	Elaeagnaceae	Elaeagnus angustifolia	ASIS, CATO, GATE, HOCU, INDU, MIMA, PIPE
Rhamnales	Elaeagnaceae	Elaeagnus commutata	GATE
Rhamnales	Elaeagnaceae	Elaeagnus multiflora	ANTI, ASIS, CUVA
Rhamnales	Elaeagnaceae	Elaeagnus pungens	COLO
Rhamnales	Elaeagnaceae	Elaeagnus umbellata	ANTI, COLO, CUVA, GATE, GEWA, HAFE, HEHO, INDU, MANA, MIMA, MORR, PRWI, SARA, SLBE
Rhamnales	Elaeagnaceae	Shepherdia argentea	PIPE
Rhamnales	Elaeagnaceae	Shepherdia canadensis	CUVA, ISRO, PIRO, SLBE, VOYA
Rhamnales	Rhamnaceae	Berchemia scandens	ARPO, ASIS, BUFF, COLO, HOSP, OZAR, PERI
Rhamnales	Rhamnaceae	Ceanothus americanus	BUFF, CATO, CUVA, EFMO, HOSP, INDU, MANA, MIMA, MISS, OZAR, PRWI, SACN, SARA, SLBE, TAPR, WICR
Rhamnales	Rhamnaceae	Ceanothus herbaceus	GWCA, ISRO, SACN, SLBE, TAPR, WICR
Rhamnales	Rhamnaceae	Frangula alnus	ACAD, CUVA, GATE, INDU, MABI, MIMA, SACN, SAIR, WEFA
Rhamnales	Rhamnaceae	Frangula caroliniana	BUFF, HOSP, OZAR, PERI
Rhamnales	Rhamnaceae	Rhamnus alnifolia	GRPO, INDU, ISRO, MABI, MISS, PIRO, SACN, SARA, VOYA
Rhamnales	Rhamnaceae	Rhamnus cathartica	CUVA, EFMO, INDU, MABI, MIMA, MISS, PIPE, SACN, SARA
Rhamnales	Rhamnaceae	Rhamnus davurica	CUVA, INDU
Rhamnales	Rhamnaceae	Rhamnus lanceolata	LIBO, OZAR
Rhamnales	Rhamnaceae	Rhamnus utilis	CUVA
Rhamnales	Vitaceae	Ampelopsis arborea	ARPO
Rhamnales	Vitaceae	Ampelopsis brevipedunculata	ANTI, GATE, MIMA, MORR, PRWI
Rhamnales	Vitaceae	Ampelopsis cordata	ARPO, BUFF, GWCA, OZAR, WICR
Rhamnales	Vitaceae	Cissus trifoliata	BUFF
Rhamnales	Vitaceae	Parthenocissus quinquefolia	ACAD, ANTI, APIS, ARPO, ASIS, BUFF, CATO, COLO, CUVA, EFMO, GATE, GEWA, GWCA, HAFE, HEHO, HOCU, HOME, HOSP, INDU, LIBO, MABI, MANA, MIMA, MISS, MORR, OZAR, PERI, PIPE, PIRO, PRWI, SACN, SAIR, SARA, SLBE, TAPR, THST, VOYA, WEFA, WICR
Rhamnales	Vitaceae	Parthenocissus tricuspidata	CUVA, GATE, HOME
Rhamnales	Vitaceae	Parthenocissus vitacea	CUVA, INDU, ISRO, MISS, PIPE, PIRO, SACN, SARA, VOYA
Rhamnales	Vitaceae	Vitis aestivalis	ANTI, ASIS, BUFF, CATO, COLO, CUVA, EFMO, GATE, GWCA, HOCU, HOSP, INDU, MANA, MIMA, MORR, OZAR, PERI, PRWI, SAGA, SARA, WEFA, WICR
Rhamnales	Vitaceae	Vitis cinerea	BUFF, COLO, GWCA, OZAR, PERI, PRWI, WICR
Rhamnales	Vitaceae	Vitis labrusca	ANTI, CATO, COLO, CUVA, GATE, GEWA, INDU, MIMA, MORR, PRWI, SAIR, THST, WEFA, WICR
Rhamnales	Vitaceae	Vitis palmata	CATO, PRWI
Rhamnales	Vitaceae	Vitis riparia	ANTI, COLO, CUVA, EFMO, GATE, HAFE, HEHO, HOCU, HOME, INDU, LIBO, MABI, MIMA, MISS, MORR, PIPE, SACN, SAGA, SARA, SLBE, TAPR, VOYA
Rhamnales	Vitaceae	Vitis rotundifolia	ANTI, ARPO, ASIS, BUFF, COLO, GEWA, HOSP, PRWI
Rhamnales	Vitaceae	Vitis rupestris	HAFE, OZAR, PERI
Rhamnales	Vitaceae	Vitis vulpina	ANTI, BUFF, CATO, COLO, CUVA, GEWA, GWCA, HAFE, HOCU, MANA, MORR, OZAR, PERI, PRWI, THST, WICR
Rosales	Crassulaceae	Crassula aquatica	VOYA
Rosales	Crassulaceae	Hylotelephium spectabile	WEFA
Rosales	Crassulaceae	Hylotelephium telephioides	HAFE, PRWI, SARA, VOYA
Rosales	Crassulaceae	Hylotelephium telephium	ACAD, CUVA, MABI, MIMA, SACN, SARA, SLBE, VOYA
Rosales	Crassulaceae	Penthorum sedoides	ARPO, BUFF, CATO, CUVA, EFMO, GWCA, HOCU, INDU, MANA, MISS, OZAR, PIPE, PRWI, SACN, SAGA, SARA, TAPR, WEFA
Rosales	Crassulaceae	Rhodiola rosea	ACAD
Rosales	Crassulaceae	Sedum acre	ACAD, GATE, INDU, ISRO, PIRO, SACN, SLBE, VOYA
Rosales	Crassulaceae	Sedum album	INDU, SLBE
Rosales	Crassulaceae	Sedum hispanicum	VOYA
Rosales	Crassulaceae	Sedum pulchellum	BUFF, PERI, WICR
Rosales	Crassulaceae	Sedum sarmentosum	GATE, INDU, MIMA
Rosales	Crassulaceae	Sedum sexangulare	VOYA
Rosales	Crassulaceae	Sedum ternatum	ANTI, CUVA, MANA
Rosales	Crassulaceae	Sempervivum tectorum	ISRO, SAIR, VOYA
Rosales	Grossulariaceae	Itea virginica	COLO, GEWA
Rosales	Grossulariaceae	Ribes americanum	ACAD, APIS, CUVA, EFMO, GRPO, INDU, ISRO, MISS, PIPE, PIRO, SACN, SARA, SLBE, VOYA
Rosales	Grossulariaceae	Ribes aureum	BUFF, MISS, OZAR, PIPE, SACN, TAPR
Rosales	Grossulariaceae	Ribes cynosbati	ANTI, CUVA, EFMO, INDU, MABI, MIMA, MISS, PIRO, SACN, SARA, SLBE
Rosales	Grossulariaceae	Ribes glandulosum	ACAD, APIS, GRPO, ISRO, PIRO, SACN, SLBE, VOYA
Rosales	Grossulariaceae	Ribes hirtellum	ACAD, APIS, CATO, CUVA, GRPO, INDU, PIRO, SACN, SAGA, VOYA
Rosales	Grossulariaceae	Ribes hudsonianum	APIS, ISRO, PIRO, SLBE, VOYA
Rosales	Grossulariaceae	Ribes lacustre	ACAD, GRPO, ISRO, PIRO, SACN, VOYA

Rosales	Grossulariaceae	Ribes missouriense	BUFF, EFMO, GWCA, HEHO, HOME, INDU, MISS, OZAR, PERI, PIPE, SACN, TAPR, WICR
Rosales	Grossulariaceae	Ribes nigrum	ISRO, SARA
Rosales	Grossulariaceae	Ribes oxyacanthoides	APIS, GRPO, ISRO, SACN, VOYA
Rosales	Grossulariaceae	Ribes rotundifolium	CATO
Rosales	Grossulariaceae	Ribes rubrum	APIS, CATO, INDU, ISRO, MABI, MIMA
Rosales	Grossulariaceae	Ribes triste	APIS, GRPO, ISRO, PIRO, SACN, SLBE, VOYA
Rosales	Hydrangeaceae	Decumaria barbara	COLO
Rosales	Hydrangeaceae	Deutzia scabra	MIMA, MORR
Rosales	Hydrangeaceae	Hydrangea arborescens	ANTI, BUFF, CATO, COLO, CUVA, HAFE, HOSP, MANA, OZAR, PERI, PRWI
Rosales	Hydrangeaceae	Hydrangea quercifolia	GEWA
Rosales	Hydrangeaceae	Philadelphus coronarius	CATO, GWCA, INDU, LIBO, MORR, PIPE, SACN, SARA
Rosales	Hydrangeaceae	Philadelphus inodorus	HOCU, MORR, PRWI, SARA
Rosales	Hydrangeaceae	Philadelphus pubescens	HOCU
Rosales	Rosaceae	Agrimonia eupatoria	CATO, SAIR
Rosales	Rosaceae	Agrimonia gryposepala	ANTI, CATO, COLO, CUVA, EFMO, GATE, HOCU, INDU, MABI, MIMA, MORR, PRWI, SACN, SAGA, SAIR, SARA, SLBE, VOYA, WEFA
Rosales	Rosaceae	Agrimonia parviflora	CUVA, HAFE, HOCU, INDU, MANA, OZAR, PRWI, SARA, TAPR, THST
Rosales	Rosaceae	Agrimonia pubescens	ANTI, BUFF, CATO, COLO, CUVA, GWCA, INDU, MANA, OZAR, PERI, PIPE, PRWI, SACN, SARA, WICR
Rosales	Rosaceae	Agrimonia rostellata	ANTI, BUFF, COLO, LIBO, MANA, OZAR, PERI, PRWI, SARA
Rosales	Rosaceae	Agrimonia striata	APIS, GRPO, ISRO, MISS, PIPE, PIRO, SACN, SARA, VOYA
Rosales	Rosaceae	Alchemilla monticola	SAIR
Rosales	Rosaceae	Amelanchier arborea	ACAD, BUFF, CATO, COLO, CUVA, EFMO, GATE, GEWA, HAFE, HOSP, INDU, ISRO, MANA, MIMA, MORR, OZAR, PERI, PIRO, PRWI, SACN, SARA, SLBE, THST, WEFA, WICR
Rosales	Rosaceae	Amelanchier bartramiana	ACAD, APIS, ISRO, PIRO, VOYA
Rosales	Rosaceae	Amelanchier canadensis	ACAD, ASIS, COLO, CUVA, EFMO, FIIS, GATE, MIMA, MORR, PRWI, SARA, WEFA
Rosales	Rosaceae	Amelanchier humilis	APIS, INDU, PIPE, VOYA
Rosales	Rosaceae	Amelanchier interior	ACAD, APIS, GRPO, INDU, ISRO, MISS, PIRO, SACN, SLBE
Rosales	Rosaceae	Amelanchier laevis	ACAD, APIS, CATO, GATE, GRPO, INDU, ISRO, MABI, MANA, MIMA, MORR, PIRO, PRWI, SACN, SLBE
Rosales	Rosaceae	Amelanchier nantucketensis	ACAD
Rosales	Rosaceae	Amelanchier sanguinea	APIS, CATO, GRPO, ISRO, MISS, PIPE, PIRO, SACN, SLBE, VOYA
Rosales	Rosaceae	Amelanchier stolonifera	ACAD, GRPO, MANA, SACN, SLBE, VOYA
Rosales	Rosaceae	Aphanes microcarpa	PRWI
Rosales	Rosaceae	Argentina anserina	APIS, GATE, GRPO, INDU, ISRO, PIPE, PIRO, SARA, SLBE
Rosales	Rosaceae	Argentina egedii	ACAD
Rosales	Rosaceae	Aruncus dioicus	ACAD, OZAR, PERI, PIRO, PRWI
Rosales	Rosaceae	Chaenomeles speciosa	PERI
Rosales	Rosaceae	Chamaerhodos erecta	ISRO
Rosales	Rosaceae	Comarum palustre	ACAD, APIS, GRPO, INDU, ISRO, MIMA, PIRO, SACN, SLBE, VOYA
Rosales	Rosaceae	Crataegus brainerdii	SARA
Rosales	Rosaceae	Crataegus calpodendron	HOSP, INDU, SACN
Rosales	Rosaceae	Crataegus chrysocarpa	ACAD, APIS, GRPO, INDU, MABI, MISS, PIPE, SACN, SLBE, VOYA, WICR
Rosales	Rosaceae	Crataegus coccinea	CUVA, GATE, HOCU
Rosales	Rosaceae	Crataegus crus-galli	ACAD, ASIS, BUFF, CATO, CUVA, HOCU, HOSP, INDU, OZAR, PERI, WICR
Rosales	Rosaceae	Crataegus disperma	WICR
Rosales	Rosaceae	Crataegus douglasii	APIS, GRPO, ISRO, PIRO
Rosales	Rosaceae	Crataegus engelmannii	OZAR
Rosales	Rosaceae	Crataegus flabellata	MANA, SACN, SARA
Rosales	Rosaceae	Crataegus holmesiana	SLBE
Rosales	Rosaceae	Crataegus intricata	BUFF, MANA
Rosales	Rosaceae	Crataegus irrasa	SACN
Rosales	Rosaceae	Crataegus jesupii	SACN
Rosales	Rosaceae	Crataegus jonesiae	ACAD
Rosales	Rosaceae	Crataegus laevigata	PIRO
Rosales	Rosaceae	Crataegus macrosperma	ACAD, CATO, GRPO, INDU, SACN, SLBE
Rosales	Rosaceae	Crataegus marshallii	HOSP
Rosales	Rosaceae	Crataegus mollis	CUVA, INDU, TAPR
Rosales	Rosaceae	Crataegus monogyna	ACAD
Rosales	Rosaceae	Crataegus phaenopyrum	GATE
Rosales	Rosaceae	Crataegus pruinosa	CATO, CUVA, GWCA, HOSP, INDU, MIMA
Rosales	Rosaceae	Crataegus pumila	EFMO
Rosales	Rosaceae	Crataegus punctata	APIS, CUVA, HOCU, INDU, MANA, MISS, SACN, SARA, SLBE, WICR
Rosales	Rosaceae	Crataegus schuettei	SACN
Rosales	Rosaceae	Crataegus spathulata	HOSP, PERI, WICR
Rosales	Rosaceae	Crataegus succulenta	GATE, MISS, PIPE, SACN, VOYA
Rosales	Rosaceae	Crataegus uniflora	PERI, WICR
Rosales	Rosaceae	Dalibarda repens	ACAD
Rosales	Rosaceae	Dasiphora floribunda	ACAD, INDU, ISRO, MABI, MIMA, PIPE, PIRO, SACN, SLBE
Rosales	Rosaceae	Duchesnea indica	ANTI, ASIS, CATO, COLO, GEWA, HAFE, HOCU, HOSP, MANA, PRWI, THST

Rosales	Rosaceae	Filipendula rubra	CATO
Rosales	Rosaceae	Fragaria vesca	APIS, CUVA, EFMO, GEWA, GRPO, ISRO, MIMA, MISS, SACN, SAIR, SARA, SLBE, VOYA
Rosales	Rosaceae	Fragaria virginiana	ACAD, APIS, ASIS, CATO, COLO, CUVA, EFMO, GATE, GRPO, GWCA, HAFE, HOCU, HOME, INDU, ISRO, LIBO, MABI, MANA, MIMA, MISS, OZAR, PERI, PIPE, PRWI, SACN, SAGA, SAIR, SARA, SLBE, VOYA, WEFA, WICR
Rosales	Rosaceae	Geum aleppicum	APIS, GRPO, ISRO, MIMA, PIRO, SACN, SLBE, VOYA
Rosales	Rosaceae	Geum canadense	ANTI, APIS, ARPO, BUFF, CATO, COLO, CUVA, EFMO, GATE, GEWA, GWCA, HAFE, HEHO, HOCU, HOME, HOSP, INDU, LIBO, MABI, MANA, MIMA, MISS, MORR, OZAR, PERI, PIRO, PRWI, SACN, SAGA, SAIR, SARA, SLBE, TAPR, THST, WEFA, WICR
Rosales	Rosaceae	Geum laciniatum	CATO, CUVA, INDU, MIMA, SACN
Rosales	Rosaceae	Geum macrophyllum	APIS, GRPO, PIRO, VOYA
Rosales	Rosaceae	Geum rivale	ACAD, EFMO, GRPO, ISRO, MABI, PIRO, SACN, SAGA, SLBE, VOYA
Rosales	Rosaceae	Geum triflorum	EFMO, MISS, PIPE, SACN
Rosales	Rosaceae	Geum vernum	GWCA, HAFE, HOCU, OZAR, PERI, WEFA, WICR
Rosales	Rosaceae	Geum virginianum	CATO, COLO, CUVA, GEWA, MANA, PRWI, WEFA
Rosales	Rosaceae	Malus angustifolia	MANA
Rosales	Rosaceae	Malus baccata	MIMA
Rosales	Rosaceae	Malus coronaria	CATO, INDU, LIBO, MABI
Rosales	Rosaceae	Malus floribunda	ANTI, GATE
Rosales	Rosaceae	Malus ioensis	EFMO, INDU, OZAR, SACN, WICR
Rosales	Rosaceae	Malus prunifolia	PIRO
Rosales	Rosaceae	Malus pumila	CATO, COLO, CUVA, GATE, GRPO, ISRO, MANA, MIMA, SAIR, SARA, SLBE
Rosales	Rosaceae	Malus sargentii	ACAD
Rosales	Rosaceae	Malus sieboldii	ACAD
Rosales	Rosaceae	Malus sylvestris	ACAD, ASIS, CUVA, HOCU, INDU, ISRO, MABI, MIMA, MORR, SAGA, SARA, SLBE
Rosales	Rosaceae	Photinia arbutifolia	ASIS, CATO, COLO, GATE, MIMA, WEFA
Rosales	Rosaceae	Photinia floribunda	ACAD, APIS, INDU, ISRO, MIMA, PIRO, SLBE
Rosales	Rosaceae	Photinia melanocarpa	ACAD, CATO, CUVA, GATE, GRPO, INDU, MIMA, PERI, PRWI, SARA, SLBE, VOYA
Rosales	Rosaceae	Photinia prunifolia	ASIS, CUVA, GATE
Rosales	Rosaceae	Photinia pyrifolia	PRWI
Rosales	Rosaceae	Photinia serratifolia	HOSP
Rosales	Rosaceae	Physocarpus opulifolius	ACAD, APIS, BUFF, CATO, CUVA, EFMO, GRPO, HAFE, HOCU, INDU, ISRO, MANA, MISS, OZAR, PERI, PIRO, SACN
Rosales	Rosaceae	Porteranthus stipulatus	BUFF, OZAR, PERI
Rosales	Rosaceae	Porteranthus trifoliatus	CATO, PRWI
Rosales	Rosaceae	Potentilla argentea	ACAD, APIS, GATE, GRPO, INDU, ISRO, MABI, MIMA, MISS, PIRO, SACN, SAIR, SARA, SLBE, VOYA
Rosales	Rosaceae	Potentilla arguta	EFMO, GATE, HEHO, HOME, INDU, ISRO, MIMA, MISS, PIPE, SACN, SLBE, VOYA
Rosales	Rosaceae	Potentilla canadensis	ANTI, ASIS, CATO, COLO, GATE, GEWA, HAFE, MANA, MIMA, MORR, OZAR, PRWI, SAGA, SARA, THST, WEFA
Rosales	Rosaceae	Potentilla intermedia	ANTI
Rosales	Rosaceae	Potentilla norvegica	ACAD, APIS, CATO, CUVA, EFMO, GATE, GRPO, HEHO, HOCU, INDU, ISRO, MABI, MIMA, MISS, PIPE, PIRO, SACN, SLBE, VOYA
Rosales	Rosaceae	Potentilla paradoxa	EFMO
Rosales	Rosaceae	Potentilla pensylvanica	ISRO, PIPE
Rosales	Rosaceae	Potentilla recta	ANTI, APIS, ASIS, BUFF, CATO, CUVA, EFMO, GATE, GRPO, GWCA, HAFE, HOCU, INDU, ISRO, MABI, MANA, MIMA, MORR, OZAR, PERI, PIPE, PIRO, SACN, SAGA, SAIR, SARA, SLBE, VOYA, WEFA, WICR
Rosales	Rosaceae	Potentilla reptans	MORR
Rosales	Rosaceae	Potentilla rivalis	MISS
Rosales	Rosaceae	Potentilla simplex	ACAD, ANTI, APIS, ARPO, BUFF, CATO, CUVA, EFMO, GATE, GWCA, HOSP, INDU, ISRO, LIBO, MANA, MIMA, MISS, MORR, OZAR, PERI, PIRO, PRWI, SACN, SAGA, SARA, SLBE, THST, VOYA, WEFA, WICR
Rosales	Rosaceae	Prunus americana	APIS, CUVA, EFMO, GWCA, HEHO, HOME, INDU, MANA, MISS, OZAR, PIPE, SACN, SAIR, TAPR, VOYA, WICR
Rosales	Rosaceae	Prunus angustifolia	COLO, GWCA, INDU, MANA, PRWI, WICR
Rosales	Rosaceae	Prunus armeniaca	COLO
Rosales	Rosaceae	Prunus avium	ANTI, CATO, COLO, INDU, MANA, MORR, PRWI, WEFA
Rosales	Rosaceae	Prunus caroliniana	HOSP
Rosales	Rosaceae	Prunus cerasus	ANTI, GATE, PRWI
Rosales	Rosaceae	Prunus domestica	MANA, PIRO, SARA
Rosales	Rosaceae	Prunus hortulana	GEWA, GWCA
Rosales	Rosaceae	Prunus mahaleb	HOCU, SLBE
Rosales	Rosaceae	Prunus maritima	ASIS, GATE
Rosales	Rosaceae	Prunus mexicana	BUFF, GWCA, HOSP, OZAR, PERI, WICR
Rosales	Rosaceae	Prunus munsoniana	GWCA
Rosales	Rosaceae	Prunus nigra	INDU, SACN, VOYA
Rosales	Rosaceae	Prunus pensylvanica	ACAD, ANTI, APIS, CUVA, GATE, GRPO, INDU, MABI, MIMA, PIRO, PRWI, SACN, SAGA, SARA, SLBE, VOYA
Rosales	Rosaceae	Prunus persica	ASIS, COLO, GATE, MORR, PERI
Rosales	Rosaceae	Prunus pumila	ACAD, APIS, GRPO, INDU, MISS, PIPE, PIRO, SACN, SLBE, VOYA

Rosales	Rosaceae	Prunus serotina	ACAD, ANTI, ARPO, ASIS, BUFF, CATO, COLO, CUVA, EFMO, GATE, GEWA, GWCA, HAFE, HEHO, HOCU, HOSP, INDU, LIBO, MABI, MANA, MIMA, MORR, OZAR, PERI, PIRO, PRWI, SACN, SAGA, SAIR, SARA, SLBE, THST, VOYA, WEFA, WICR
Rosales	Rosaceae	Prunus serrulata	ANTI
Rosales	Rosaceae	Prunus subhirtella	WEFA
Rosales	Rosaceae	Prunus tomentosa	SACN
Rosales	Rosaceae	Prunus virginiana	ACAD, ANTI, APIS, CATO, CUVA, EFMO, GATE, GRPO, HAFE, HEHO, HOME, INDU, ISRO, LIBO, MABI, MIMA, MISS, MORR, PIPE, PIRO, PRWI, SACN, SAGA, SARA, SLBE, TAPR, VOYA, WEFA
Rosales	Rosaceae	Pyracantha coccinea	ANTI, GATE, GEWA
Rosales	Rosaceae	Pyrus calleryana	GWCA, HOSP, PRWI
Rosales	Rosaceae	Pyrus communis	ARPO, CATO, COLO, CUVA, GATE, INDU, MABI, MANA, MORR, PRWI, SARA, SLBE
Rosales	Rosaceae	Pyrus pyrifolia	PRWI
Rosales	Rosaceae	Pyrus sylvestris	GATE
Rosales	Rosaceae	Rhodotypos scandens	HAFE, HOCU, MIMA
Rosales	Rosaceae	Rosa acicularis	APIS, GRPO, ISRO, SACN, SLBE, VOYA
Rosales	Rosaceae	Rosa arkansana	HOME, ISRO, MISS, PIPE, SACN, TAPR
Rosales	Rosaceae	Rosa blanda	APIS, EFMO, GRPO, INDU, ISRO, MISS, PIPE, PIRO, SACN, SLBE, VOYA
Rosales	Rosaceae	Rosa canina	ACAD, GATE, INDU
Rosales	Rosaceae	Rosa carolina	ACAD, ANTI, APIS, BUFF, CATO, CUVA, EFMO, GATE, GWCA, HAFE, HOSP, INDU, MANA, MIMA, MORR, OZAR, PERI, PRWI, SACN, SARA, SLBE, WEFA, WICR
Rosales	Rosaceae	Rosa eglanteria	COLO, SLBE
Rosales	Rosaceae	Rosa gallica	CUVA, GATE
Rosales	Rosaceae	Rosa micrantha	COLO, WICR
Rosales	Rosaceae	Rosa multiflora	ACAD, ANTI, ASIS, BUFF, CATO, COLO, CUVA, EFMO, FIIS, GATE, GWCA, HAFE, HEHO, HOCU, INDU, LIBO, MANA, MIMA, MORR, OZAR, PERI, PRWI, SAIR, SARA, SLBE, TAPR, THST, WEFA, WICR
Rosales	Rosaceae	Rosa nitida	ACAD
Rosales	Rosaceae	Rosa palustris	ACAD, APIS, ASIS, COLO, CUVA, EFMO, FIIS, GATE, GEWA, INDU, MIMA, MORR, PIRO, PRWI, SAIR, SLBE, WEFA
Rosales	Rosaceae	Rosa rubrifolia	ACAD
Rosales	Rosaceae	Rosa rugosa	ACAD, APIS, ASIS, CUVA, FIIS, GATE, ISRO, MIMA
Rosales	Rosaceae	Rosa setigera	BUFF, CUVA, GWCA, HOCU, INDU, OZAR, PERI, WICR
Rosales	Rosaceae	Rosa virginiana	ACAD, GATE, MIMA, MORR, SARA, WEFA
Rosales	Rosaceae	Rosa wichuraiana	COLO, PRWI
Rosales	Rosaceae	Rosa xanthina	FIIS
Rosales	Rosaceae	Rubus allegheniensis	ACAD, ANTI, APIS, ASIS, CATO, COLO, CUVA, EFMO, GATE, HAFE, HOCU, INDU, MABI, MANA, MIMA, MORR, PERI, PIRO, PRWI, SACN, SAGA, SARA, SLBE, VOYA, WEFA
Rosales	Rosaceae	Rubus alumnus	SACN
Rosales	Rosaceae	Rubus argutus	ARPO, ASIS, CATO, COLO, GEWA, GWCA, HOSP, MANA, PERI, PRWI, SACN
Rosales	Rosaceae	Rubus canadensis	APIS, SACN, SLBE, VOYA
Rosales	Rosaceae	Rubus chamaemorus	ACAD
Rosales	Rosaceae	Rubus cuneifolius	ASIS, COLO, MANA
Rosales	Rosaceae	Rubus dalibarda	ACAD
Rosales	Rosaceae	Rubus flagellaris	ACAD, APIS, ASIS, BUFF, CATO, COLO, FIIS, GATE, GWCA, HOSP, INDU, MABI, MANA, MIMA, MORR, PERI, PIRO, PRWI, SACN, SAGA, SARA, SLBE, THST, VOYA, WEFA, WICR
Rosales	Rosaceae	Rubus frondosus	SACN
Rosales	Rosaceae	Rubus glandicaulis	SACN
Rosales	Rosaceae	Rubus hispidus	ACAD, APIS, CATO, CUVA, EFMO, FIIS, INDU, MABI, MIMA, MORR, PIRO, PRWI, SACN, SARA, SLBE, THST, WEFA
Rosales	Rosaceae	Rubus idaeus	ACAD, APIS, CATO, EFMO, GATE, GRPO, INDU, ISRO, MABI, MANA, MIMA, MISS, MORR, PIRO, SACN, SAGA, SARA, SLBE, VOYA
Rosales	Rosaceae	Rubus illecebrosus	CATO
Rosales	Rosaceae	Rubus ithacanus	SACN
Rosales	Rosaceae	Rubus laudatus	SACN
Rosales	Rosaceae	Rubus missouricus	SACN
Rosales	Rosaceae	Rubus mollior	WICR
Rosales	Rosaceae	Rubus multifer	MISS
Rosales	Rosaceae	Rubus occidentalis	ANTI, BUFF, CATO, COLO, CUVA, EFMO, GATE, GEWA, GWCA, HOCU, HOME, INDU, MABI, MANA, MIMA, MORR, OZAR, PERI, PIPE, PRWI, SACN, SAGA, SARA, SLBE, THST, VOYA, WEFA, WICR
Rosales	Rosaceae	Rubus odoratus	ACAD, CATO, CUVA, HAFE, INDU, MABI, MIMA, SAGA, SARA, SLBE, WEFA
Rosales	Rosaceae	Rubus ostryifolius	ARPO
Rosales	Rosaceae	Rubus parviflorus	APIS, GRPO, ISRO, PIRO, SLBE, VOYA
Rosales	Rosaceae	Rubus pensilvanicus	ANTI, ASIS, GATE, GWCA, HOCU, INDU, ISRO, OZAR, SARA, SLBE, VOYA
Rosales	Rosaceae	Rubus pensylvanicus	CUVA, SAIR, THST
Rosales	Rosaceae	Rubus phoenicolasius	ANTI, BUFF, CATO, COLO, GATE, HAFE, MORR, PRWI, SARA, THST
Rosales	Rosaceae	Rubus pubescens	ACAD, APIS, GRPO, INDU, ISRO, MABI, MISS, PIRO, SACN, SARA, SLBE, VOYA
Rosales	Rosaceae	Rubus recurvans	SACN

Rosales	Rosaceae	Rubus recurvicaulis	SAGA
Rosales	Rosaceae	Rubus setosus	APIS
Rosales	Rosaceae	Rubus trivialis	ARPO, BUFF, COLO, HOSP
Rosales	Rosaceae	Rubus wheeleri	SACN
Rosales	Rosaceae	Sanguisorba canadensis	COLO
Rosales	Rosaceae	Sanguisorba minor	SAIR
Rosales	Rosaceae	Sibbaldiopsis tridentata	ACAD, APIS, GRPO, ISRO, PIRO, SACN, VOYA
Rosales	Rosaceae	Sorbaria sorbifolia	ACAD, APIS, CATO, MIMA, SLBE
Rosales	Rosaceae	Sorbus americana	ACAD, ANTI, APIS, GRPO, ISRO, MABI, PIRO, VOYA
Rosales	Rosaceae	Sorbus aucuparia	ACAD, CUVA, GATE, MIMA, SACN, SAIR
Rosales	Rosaceae	Sorbus decora	ACAD, APIS, GRPO, ISRO, PIRO, SACN, SLBE, VOYA
Rosales	Rosaceae	Spiraea alba	ACAD, APIS, CUVA, GRPO, INDU, ISRO, LIBO, MABI, MANA, MISS, PIPE, PIRO, SACN, SAGA, SLBE, VOYA
Rosales	Rosaceae	Spiraea betulifolia	HAFE
Rosales	Rosaceae	Spiraea cantoniensis	LIBO, PERI
Rosales	Rosaceae	Spiraea japonica	CATO
Rosales	Rosaceae	Spiraea prunifolia	ARPO, COLO, PRWI
Rosales	Rosaceae	Spiraea tomentosa	ACAD, CUVA, GATE, INDU, MABI, MIMA, MISS, SACN, SARA, WEFA
Rosales	Rosaceae	Waldsteinia fragarioides	APIS, CUVA, ISRO, OZAR, SACN
Rosales	Saxifragaceae	Astilbe biternata	MABI
Rosales	Saxifragaceae	Chrysosplenium americanum	ACAD, APIS, CATO, INDU, MIMA, PIRO, SACN, SLBE, WEFA
Rosales	Saxifragaceae	Heuchera americana	ANTI, BUFF, CATO, COLO, CUVA, GEWA, HAFE, HOSP, MANA, OZAR, PERI, PRWI
Rosales	Saxifragaceae	Heuchera parviflora	OZAR
Rosales	Saxifragaceae	Heuchera pubescens	HAFE
Rosales	Saxifragaceae	Heuchera richardsonii	EFMO, GRPO, INDU, MISS, PIPE, SACN, VOYA
Rosales	Saxifragaceae	Heuchera sanguinea	MABI
Rosales	Saxifragaceae	Heuchera villosa	BUFF
Rosales	Saxifragaceae	Mitella diphylla	ANTI, CATO, CUVA, EFMO, INDU, LIBO, MABI, MISS, MORR, OZAR, PRWI, SACN, SAGA, SARA, SLBE
Rosales	Saxifragaceae	Mitella nuda	ACAD, APIS, EFMO, GRPO, ISRO, MIMA, MISS, PIRO, SACN, SLBE, VOYA
Rosales	Saxifragaceae	Parnassia glauca	CUVA, INDU, MISS, SACN, SLBE
Rosales	Saxifragaceae	Parnassia grandifolia	OZAR
Rosales	Saxifragaceae	Parnassia palustris	APIS, ISRO, VOYA
Rosales	Saxifragaceae	Saxifraga michauxii	CATO
Rosales	Saxifragaceae	Saxifraga micranthidifolia	CATO, HAFE
Rosales	Saxifragaceae	Saxifraga paniculata	ISRO
Rosales	Saxifragaceae	Saxifraga pensylvanica	CATO, CUVA, INDU, MISS, MORR, SACN, VOYA
Rosales	Saxifragaceae	Saxifraga tricuspidata	ISRO
Rosales	Saxifragaceae	Saxifraga virginiensis	ACAD, ANTI, CATO, COLO, CUVA, GRPO, HAFE, ISRO, MABI, MANA, MIMA, PRWI, SAGA, VOYA, WEFA
Rosales	Saxifragaceae	Sullivantia sullivantii	EFMO
Rosales	Saxifragaceae	Tiarella cordifolia	CUVA, MABI, PIRO, SAGA, SARA, SLBE
Rubiales	Rubiaceae	Cephalanthus occidentalis	ASIS, CATO, COLO, CUVA, EFMO, GATE, GEWA, GWCA, HAFE, HOSP, INDU, LIBO, MANA, MIMA, MORR, OZAR, PRWI, SACN, SAIR, SARA, SLBE, TAPR, THST, WEFA
Rubiales	Rubiaceae	Cruciata pedemontana	GWCA, MANA, PERI, PRWI
Rubiales	Rubiaceae	Diodia teres	ASIS, BUFF, COLO, GATE, GEWA, GWCA, HOSP, LIBO, MANA, OZAR, PERI, PRWI, THST
Rubiales	Rubiaceae	Diodia virginiana	ARPO, ASIS, BUFF, COLO, GEWA, HOSP
Rubiales	Rubiaceae	Galium aparine	ACAD, ANTI, ARPO, ASIS, BUFF, CATO, COLO, CUVA, EFMO, GATE, GEWA, GWCA, HAFE, HEHO, HOCU, HOME, HOSP, INDU, LIBO, MANA, MIMA, MISS, MORR, OZAR, PERI, PIPE, PRWI, SACN, SARA, SLBE, TAPR, WEFA, WICR
Rubiales	Rubiaceae	Galium arkansanum	BUFF, HOSP, OZAR, PERI
Rubiales	Rubiaceae	Galium asprellum	ACAD, ANTI, APIS, CUVA, EFMO, GRPO, INDU, ISRO, MIMA, MISS, MORR, PIRO, SACN, SAGA, SARA, SLBE, VOYA, WEFA
Rubiales	Rubiaceae	Galium boreale	APIS, CUVA, EFMO, GRPO, INDU, ISRO, MIMA, MISS, MORR, OZAR, PIPE, SACN, SARA, VOYA
Rubiales	Rubiaceae	Galium brevipes	INDU
Rubiales	Rubiaceae	Galium circaezans	ANTI, ARPO, BUFF, CATO, COLO, CUVA, EFMO, GATE, HAFE, HOCU, HOME, HOSP, INDU, LIBO, MANA, MIMA, MORR, OZAR, PERI, PRWI, SARA, TAPR, THST, WEFA, WICR
Rubiales	Rubiaceae	Galium concinnum	ANTI, ARPO, BUFF, CATO, CUVA, EFMO, HOCU, INDU, LIBO, MANA, MISS, MORR, OZAR, PERI, SACN, WICR
Rubiales	Rubiaceae	Galium hispidulum	ASIS
Rubiales	Rubiaceae	Galium labradoricum	INDU, SLBE, VOYA
Rubiales	Rubiaceae	Galium lanceolatum	ANTI, APIS, CATO, CUVA, EFMO, INDU, MIMA, MORR, SAGA, SLBE
Rubiales	Rubiaceae	Galium latifolium	CATO
Rubiales	Rubiaceae	Galium mollugo	ACAD, ASIS, CATO, CUVA, HOCU, MABI, MIMA, MORR, SARA, VOYA, WEFA
Rubiales	Rubiaceae	Galium obtusum	APIS, ARPO, ASIS, COLO, CUVA, GEWA, INDU, MANA, MISS, PERI, PIPE, PRWI, SACN, SARA, SLBE, VOYA, WICR
Rubiales	Rubiaceae	Galium odoratum	SAIR
Rubiales	Rubiaceae	Galium palustre	ACAD, COLO, GATE, MIMA, MORR, SAGA, SAIR, SARA, SLBE
Rubiales	Rubiaceae	Galium parisiense	ANTI

Rubiales	Rubiaceae	Galium pilosum	ASIS, BUFF, CATO, COLO, GATE, GEWA, HOSP, INDU, MANA, MIMA, MORR, OZAR, PERI, PRWI, SARA, SLBE, THST
Rubiales	Rubiaceae	Galium sylvaticum	SARA
Rubiales	Rubiaceae	Galium tinctorium	ACAD, APIS, COLO, CUVA, GATE, GEWA, GRPO, INDU, ISRO, MANA, MIMA, PIRO, PRWI, SACN, SAIR, SLBE, THST
Rubiales	Rubiaceae	Galium trifidum	ACAD, APIS, GRPO, INDU, ISRO, MIMA, PIRO, SACN, VOYA
Rubiales	Rubiaceae	Galium triflorum	ACAD, ANTI, APIS, BUFF, CATO, COLO, CUVA, EFMO, GEWA, GRPO, HAFE, INDU, ISRO, LIBO, MABI, MANA, MIMA, MISS, MORR, OZAR, PERI, PIPE, PIRO, PRWI, SACN, SARA, SLBE, TAPR, THST, VOYA, WEFA
Rubiales	Rubiaceae	Galium uniflorum	COLO
Rubiales	Rubiaceae	Galium verum	ACAD, MORR, SAIR, SARA, SLBE
Rubiales	Rubiaceae	Hedyotis nigricans	BUFF, OZAR, PERI, TAPR, WICR
Rubiales	Rubiaceae	Houstonia caerulea	ACAD, CATO, COLO, CUVA, GEWA, INDU, LIBO, MABI, MANA, MIMA, PRWI, SAGA, THST, WEFA
Rubiales	Rubiaceae	Houstonia canadensis	CUVA, PIPE, PRWI
Rubiales	Rubiaceae	Houstonia longifolia	HAFE, HOSP, PRWI, SACN, SLBE, VOYA, WICR
Rubiales	Rubiaceae	Houstonia purpurea	ANTI, BUFF, COLO, HAFE, MANA, PERI, PRWI
Rubiales	Rubiaceae	Houstonia pusilla	GWCA, OZAR, PERI, WICR
Rubiales	Rubiaceae	Mitchella repens	ACAD, ANTI, APIS, ASIS, CATO, COLO, CUVA, GATE, GEWA, GRPO, HOSP, INDU, MABI, MANA, MIMA, MORR, PIRO, PRWI, SACN, SAGA, SARA, SLBE, THST, WEFA
Rubiales	Rubiaceae	Oldenlandia uniflora	COLO
Rubiales	Rubiaceae	Rubia tinctorum	SAIR
Rubiales	Rubiaceae	Sherardia arvensis	COLO, GATE, GEWA, PERI, WICR
Rubiales	Rubiaceae	Spermacoce glabra	ARPO, EFMO
Salicales	Salicaceae	Populus alba	ACAD, ARPO, ASIS, COLO, CUVA, GATE, INDU, MIMA, PERI, PRWI, SLBE, VOYA
Salicales	Salicaceae	Populus balsamifera	ACAD, APIS, GATE, GRPO, INDU, ISRO, MABI, PIRO, SACN, SLBE, VOYA
Salicales	Salicaceae	Populus deltoides	ANTI, APIS, ARPO, ASIS, BUFF, CATO, COLO, CUVA, EFMO, GATE, GWCA, HAFE, HEHO, HOCU, HOME, INDU, LIBO, MABI, MIMA, MISS, OZAR, PIPE, PIRO, PRWI, SACN, SARA, SLBE, TAPR
Salicales	Salicaceae	Populus grandidentata	ACAD, APIS, CATO, CUVA, EFMO, FIIS, GATE, GEWA, INDU, ISRO, MABI, MIMA, MORR, PIRO, PRWI, SACN, SAGA, SARA, SLBE, THST, VOYA, WEFA
Salicales	Salicaceae	Populus nigra	GATE, INDU, PIPE, SAGA, SLBE
Salicales	Salicaceae	Populus tremula	MIMA
Salicales	Salicaceae	Populus tremuloides	ACAD, APIS, COLO, CUVA, EFMO, GATE, GRPO, INDU, ISRO, MABI, MIMA, MISS, MORR, PIRO, PRWI, SACN, SAGA, SARA, SLBE, VOYA, WEFA
Salicales	Salicaceae	Salix alba	CUVA, GATE, INDU, LIBO, MABI, PIPE, SARA
Salicales	Salicaceae	Salix amygdaloides	APIS, CUVA, EFMO, INDU, MISS, PIPE, SACN, SLBE, TAPR, VOYA
Salicales	Salicaceae	Salix bebbiana	ACAD, APIS, GRPO, INDU, ISRO, MABI, MIMA, MISS, PIRO, SACN, SAGA, SARA, SLBE, VOYA
Salicales	Salicaceae	Salix candida	APIS, INDU, MISS, PIRO, SLBE, VOYA
Salicales	Salicaceae	Salix caroliniana	BUFF, GWCA, OZAR, PERI, TAPR
Salicales	Salicaceae	Salix cordata	INDU, PIRO, SLBE
Salicales	Salicaceae	Salix discolor	ACAD, APIS, CUVA, FIIS, GATE, GRPO, INDU, ISRO, MIMA, MISS, PIRO, SACN, SAGA, SARA, SLBE, VOYA, WEFA
Salicales	Salicaceae	Salix eriocephala	ACAD, APIS, CUVA, INDU, MABI, MISS, PIPE, PIRO, SACN, SAGA, SARA, SLBE, VOYA
Salicales	Salicaceae	Salix exigua	APIS, CUVA, EFMO, GATE, GWCA, INDU, MABI, MISS, PIPE, PIRO, SACN, SLBE, VOYA
Salicales	Salicaceae	Salix fragilis	APIS, CATO, CUVA, GATE, INDU, MABI, MIMA, SARA, VOYA
Salicales	Salicaceae	Salix humilis	ACAD, APIS, CATO, CUVA, EFMO, GATE, GRPO, INDU, ISRO, MIMA, MISS, PIRO, SACN, SAGA, SLBE, VOYA
Salicales	Salicaceae	Salix interior	CUVA, EFMO, OZAR, PIPE
Salicales	Salicaceae	Salix lucida	APIS, CUVA, GRPO, INDU, ISRO, MISS, PIRO, SACN, SLBE, VOYA
Salicales	Salicaceae	Salix lutea	GATE
Salicales	Salicaceae	Salix myricoides	APIS, INDU, SLBE
Salicales	Salicaceae	Salix nigra	ANTI, ARPO, ASIS, CATO, COLO, CUVA, EFMO, GATE, GEWA, GWCA, HEHO, HOCU, INDU, MABI, MANA, MIMA, MORR, OZAR, PIPE, PRWI, SACN, SAIR, SARA, TAPR, THST, WEFA, WICR
Salicales	Salicaceae	Salix pedicellaris	APIS, INDU, ISRO, PIRO, SACN, SLBE, VOYA
Salicales	Salicaceae	Salix pellita	APIS, GRPO, ISRO
Salicales	Salicaceae	Salix pentandra	GATE
Salicales	Salicaceae	Salix petiolaris	ACAD, APIS, GRPO, INDU, ISRO, PIRO, SACN, SLBE, VOYA
Salicales	Salicaceae	Salix planifolia	APIS, GRPO, ISRO, VOYA
Salicales	Salicaceae	Salix purpurea	MABI, SAGA
Salicales	Salicaceae	Salix pyrifolia	ACAD, APIS, GRPO, ISRO, SACN, VOYA
Salicales	Salicaceae	Salix sericea	ACAD, CATO, CUVA, INDU, MABI, SAGA, SARA
Salicales	Salicaceae	Salix serissima	APIS, MISS, PIRO, SLBE, VOYA
Salicales	Salicaceae	Salix viminalis	GATE
Santalales	Santalaceae	Comandra umbellata	APIS, BUFF, CUVA, EFMO, GATE, INDU, ISRO, MANA, MIMA, MISS, OZAR, PIPE, PIRO, PRWI, SACN, SARA, SLBE, VOYA, WEFA, WICR
Santalales	Santalaceae	Geocaulon lividum	ISRO, PIRO, SLBE
Santalales	Viscaceae	Arceuthobium pusillum	ACAD, APIS, SACN, SLBE, VOYA

Santalales	Viscaceae	Phoradendron leucarpum	OZAR
Sapindales	Aceraceae	Acer barbatum	COLO
Sapindales	Aceraceae	Acer ginnala	ACAD, GWCA, MIMA
Sapindales	Aceraceae	Acer negundo	ANTI, APIS, ARPO, BUFF, CATO, COLO, CUVA, EFMO, GATE, GEWA, GWCA, HAFE, HEHO, HOCU, HOME, HOSP, INDU, LIBO, MABI, MANA, MIMA, MISS, MORR, OZAR, PERI, PIPE, PRWI, SACN, SAGA, SAIR, SARA, SLBE, TAPR, VOYA, WICR
Sapindales	Aceraceae	Acer nigrum	ANTI, CATO, CUVA, EFMO, HAFE, INDU, LIBO, MIMA, OZAR, SACN
Sapindales	Aceraceae	Acer palmatum	ANTI, MIMA, MORR
Sapindales	Aceraceae	Acer pensylvanicum	ACAD, CATO, EFMO, MABI, MANA, MIMA, PIRO, PRWI, SAGA, SARA, SLBE, WEFA
Sapindales	Aceraceae	Acer platanoides	ACAD, ANTI, APIS, CATO, COLO, EFMO, GATE, GWCA, HAFE, INDU, MABI, MANA, MIMA, MORR, PRWI, SAGA, SAIR, SARA
Sapindales	Aceraceae	Acer pseudoplatanus	ANTI, GATE, MIMA
Sapindales	Aceraceae	Acer rubrum	ACAD, ANTI, APIS, ARPO, ASIS, BUFF, CATO, COLO, CUVA, EFMO, GATE, GEWA, GRPO, GWCA, HAFE, HOCU, HOSP, INDU, ISRO, LIBO, MABI, MANA, MIMA, MISS, MORR, OZAR, PERI, PIRO, PRWI, SACN, SAGA, SAIR, SARA, SLBE, THST, VOYA, WEFA
Sapindales	Aceraceae	Acer saccharinum	ANTI, APIS, ASIS, BUFF, COLO, CUVA, EFMO, GATE, GEWA, GWCA, HAFE, HEHO, HOCU, HOME, INDU, LIBO, MABI, MANA, MIMA, MORR, OZAR, PERI, SACN, SAIR, SARA, TAPR, VOYA, WICR
Sapindales	Aceraceae	Acer saccharum	ACAD, ANTI, APIS, CATO, CUVA, EFMO, GRPO, GWCA, HAFE, HOCU, INDU, ISRO, LIBO, MABI, MIMA, MISS, MORR, OZAR, PERI, PIRO, PRWI, SACN, SAGA, SARA, SLBE, WEFA, WICR
Sapindales	Aceraceae	Acer spicatum	ACAD, APIS, CUVA, GRPO, ISRO, MABI, PIRO, SACN, SAGA, SARA, SLBE, VOYA
Sapindales	Anacardiaceae	Cotinus obovatus	BUFF
Sapindales	Anacardiaceae	Rhus aromatica	ANTI, BUFF, GATE, HAFE, HOME, HOSP, INDU, MANA, OZAR, PERI, TAPR, WICR
Sapindales	Anacardiaceae	Rhus copallina	ASIS, BUFF, FIIS, GATE, GEWA, GWCA, HOSP, MORR, OZAR, PERI, PRWI
Sapindales	Anacardiaceae	Rhus copallinum	ARPO, COLO, CUVA, INDU, LIBO, MANA, MIMA, PRWI, WEFA, WICR
Sapindales	Anacardiaceae	Rhus glabra	ANTI, BUFF, CATO, CUVA, EFMO, GATE, GEWA, GRPO, GWCA, HEHO, HOCU, HOME, HOSP, INDU, LIBO, MANA, MIMA, MISS, MORR, OZAR, PIPE, PRWI, SACN, SAGA, SARA, TAPR, VOYA, WEFA, WICR
Sapindales	Anacardiaceae	Rhus hirta	ACAD, APIS, CATO, CUVA, GATE, HOCU, INDU, ISRO, MABI, MANA, MISS, MORR, SACN, SAGA, SAIR, SARA, SLBE, VOYA, WEFA
Sapindales	Anacardiaceae	Rhus trilobata	HOME
Sapindales	Anacardiaceae	Toxicodendron pubescens	ARPO, SARA
Sapindales	Anacardiaceae	Toxicodendron radicans	ACAD, ANTI, ARPO, ASIS, BUFF, COLO, CUVA, GATE, GEWA, GWCA, HAFE, HEHO, HOCU, HOME, HOSP, INDU, LIBO, MABI, MANA, OZAR, PERI, PRWI, SAGA, SAIR, SARA, TAPR, THST, VOYA, WEFA, WICR
Sapindales	Anacardiaceae	Toxicodendron rydbergii	ACAD, APIS, EFMO, ISRO, MANA, MISS, PIPE, PIRO, SACN, SLBE
Sapindales	Anacardiaceae	Toxicodendron vernix	ASIS, INDU, MIMA, MORR, PRWI, SACN
Sapindales	Hippocastanaceae	Aesculus flava	CATO, MORR
Sapindales	Hippocastanaceae	Aesculus glabra	BUFF, CUVA, HOCU, LIBO, OZAR, PERI, TAPR, WICR
Sapindales	Hippocastanaceae	Aesculus hippocastanum	ANTI, HOCU, MIMA, MORR, SAIR
Sapindales	Hippocastanaceae	Aesculus pavia	ARPO, HOSP
Sapindales	Meliaceae	Melia azedarach	COLO, HOSP
Sapindales	Rutaceae	Phellodendron amurense	MIMA
Sapindales	Rutaceae	Poncirus trifoliata	ARPO, MORR
Sapindales	Rutaceae	Ptelea trifoliata	BUFF, CUVA, EFMO, GWCA, HOCU, INDU, MIMA, OZAR, SLBE, WICR
Sapindales	Rutaceae	Ruta graveolens	SAIR
Sapindales	Rutaceae	Zanthoxylum americanum	EFMO, INDU, MANA, MISS, PIPE, SACN, SARA, TAPR, WICR
Sapindales	Rutaceae	Zanthoxylum clava-herculis	ARPO, ASIS
Sapindales	Sapindaceae	Koelreuteria paniculata	HOCU
Sapindales	Sapindaceae	Sapindus saponaria	TAPR
Sapindales	Simaroubaceae	Ailanthus altissima	ANTI, ASIS, BUFF, CATO, COLO, CUVA, GATE, GEWA, HAFE, HOCU, INDU, MANA, MIMA, MORR, PERI, PRWI, SAIR, SLBE, THST, WEFA
Sapindales	Staphyleaceae	Staphylea trifolia	ANTI, BUFF, CATO, CUVA, EFMO, HAFE, INDU, LIBO, MABI, MANA, MISS, OZAR, PERI, PRWI, SACN, WICR
Sapindales	Zygophyllaceae	Tribulus terrestris	TAPR
Scrophulariales	Acanthaceae	Dicliptera brachiata	BUFF, GWCA, OZAR
Scrophulariales	Acanthaceae	Justicia americana	ANTI, BUFF, COLO, HAFE, HOCU, MANA, OZAR, PRWI, TAPR
Scrophulariales	Acanthaceae	Ruellia caroliniensis	ANTI, COLO, GEWA, LIBO, MANA, PRWI
Scrophulariales	Acanthaceae	Ruellia humilis	BUFF, GWCA, HOSP, INDU, OZAR, PERI, TAPR, WICR
Scrophulariales	Acanthaceae	Ruellia pedunculata	ARPO, BUFF, HOSP, OZAR, PERI
Scrophulariales	Acanthaceae	Ruellia strepens	BUFF, GWCA, HOCU, OZAR, TAPR, WICR
Scrophulariales	Bignoniaceae	Bignonia capreolata	ARPO, COLO, HOSP
Scrophulariales	Bignoniaceae	Campsis radicans	ANTI, ARPO, ASIS, BUFF, CATO, COLO, CUVA, GATE, GEWA, GWCA, HOCU, HOSP, INDU, LIBO, OZAR, PERI, PRWI, THST
Scrophulariales	Bignoniaceae	Catalpa bignonioides	GATE, MIMA, PRWI, SARA, TAPR
Scrophulariales	Bignoniaceae	Catalpa ovata	COLO
Scrophulariales	Bignoniaceae	Catalpa speciosa	ANTI, BUFF, COLO, CUVA, HOCU, INDU, LIBO, MIMA, PERI, PRWI
Scrophulariales	Buddlejaceae	Buddleja davidii	GATE
Scrophulariales	Buddlejaceae	Polypremum procumbens	ARPO, ASIS, COLO, GEWA, PRWI
Scrophulariales	Lentibulariaceae	Pinguicula vulgaris	APIS, ISRO, PIRO
Scrophulariales	Lentibulariaceae	Utricularia cornuta	ACAD, APIS, INDU, ISRO, MIMA, PIRO, SACN, SLBE

Scrophulariales	Lentibulariaceae	Utricularia fibrosa	COLO
Scrophulariales	Lentibulariaceae	Utricularia geminiscapa	ACAD, INDU, MIMA, SLBE
Scrophulariales	Lentibulariaceae	Utricularia gibba	ACAD, COLO, HOCU, INDU, ISRO, PRWI, SLBE
Scrophulariales	Lentibulariaceae	Utricularia intermedia	ACAD, APIS, GRPO, ISRO, PIRO, SACN, SLBE, VOYA
Scrophulariales	Lentibulariaceae	Utricularia macrorhiza	ACAD, APIS, GRPO, INDU, ISRO, MISS, PIRO, SACN, SLBE, VOYA
Scrophulariales	Lentibulariaceae	Utricularia minor	ACAD, GRPO, INDU, ISRO, PIRO, SLBE, VOYA
Scrophulariales	Lentibulariaceae	Utricularia purpurea	ACAD, INDU
Scrophulariales	Lentibulariaceae	Utricularia radiata	ACAD, COLO
Scrophulariales	Lentibulariaceae	Utricularia resupinata	APIS, PIRO
Scrophulariales	Lentibulariaceae	Utricularia subulata	ASIS, FIIS, INDU
Scrophulariales	Oleaceae	Chionanthus virginicus	BUFF, CATO, HAFE, MANA, PERI, PRWI, THST
Scrophulariales	Oleaceae	Forestiera acuminata	BUFF
Scrophulariales	Oleaceae	Forsythia suspensa	CUVA, GATE, GWCA, MIMA
Scrophulariales	Oleaceae	Forsythia viridissima	GATE, MABI, MIMA, MORR
Scrophulariales	Oleaceae	Fraxinus americana	ACAD, ANTI, BUFF, CATO, COLO, CUVA, EFMO, GATE, GWCA, HAFE, HEHO, HOCU, HOSP, INDU, LIBO, MABI, MANA, MIMA, MORR, OZAR, PERI, PIRO, PRWI, SACN, SAGA, SARA, SLBE, THST, WEFA, WICR
Scrophulariales	Oleaceae	Fraxinus caroliniana	ARPO, COLO
Scrophulariales	Oleaceae	Fraxinus excelsior	MABI
Scrophulariales	Oleaceae	Fraxinus nigra	ACAD, APIS, CATO, CUVA, EFMO, GRPO, INDU, ISRO, MABI, MIMA, MISS, MORR, PIRO, PRWI, SACN, SAGA, SARA, SLBE, VOYA, WEFA
Scrophulariales	Oleaceae	Fraxinus pennsylvanica	ANTI, APIS, ARPO, BUFF, CATO, COLO, CUVA, EFMO, GATE, GWCA, HAFE, HOCU, HOME, HOSP, INDU, LIBO, MABI, MANA, MIMA, MISS, MORR, OZAR, PERI, PIPE, PIRO, PRWI, SACN, SARA, SLBE, TAPR, VOYA, WEFA, WICR
Scrophulariales	Oleaceae	Fraxinus profunda	COLO, CUVA, SARA
Scrophulariales	Oleaceae	Fraxinus quadrangulata	HOCU, OZAR, WICR
Scrophulariales	Oleaceae	Ligustrum amurense	ACAD, GATE
Scrophulariales	Oleaceae	Ligustrum japonicum	ARPO
Scrophulariales	Oleaceae	Ligustrum obtusifolium	CUVA, GEWA, LIBO, MANA, MORR, PRWI
Scrophulariales	Oleaceae	Ligustrum ovalifolium	CATO, GATE, GWCA, PRWI
Scrophulariales	Oleaceae	Ligustrum sinense	ARPO, COLO, GEWA, HOSP, PRWI
Scrophulariales	Oleaceae	Ligustrum vulgare	ACAD, ANTI, ARPO, ASIS, COLO, CUVA, GATE, GWCA, HAFE, HOCU, INDU, LIBO, MIMA, MORR, WICR
Scrophulariales	Oleaceae	Syringa reticulata	MABI
Scrophulariales	Oleaceae	Syringa vulgaris	APIS, CUVA, GATE, HAFE, HEHO, HOCU, INDU, ISRO, LIBO, MABI, MIMA, MORR, PIRO, SACN, SAGA, SAIR, SARA, SLBE, VOYA, WICR
Scrophulariales	Orobanchaceae	Conopholis americana	ANTI, APIS, CATO, CUVA, GATE, HAFE, INDU, MANA, SLBE
Scrophulariales	Orobanchaceae	Epifagus virginiana	ACAD, ANTI, BUFF, CATO, COLO, CUVA, INDU, MABI, MIMA, MORR, PIRO, PRWI, SAGA, SARA, SLBE, THST, WEFA
Scrophulariales	Orobanchaceae	Orobanche fasciculata	HOME, INDU, SLBE
Scrophulariales	Orobanchaceae	Orobanche ludoviciana	MISS
Scrophulariales	Orobanchaceae	Orobanche uniflora	ANTI, CATO, CUVA, HOSP, INDU, MABI, MISS, OZAR, PRWI, SLBE
Scrophulariales	Pedaliaceae	Proboscidea louisianica	GATE
Scrophulariales	Scrophulariaceae	Agalinis aspera	MISS, PIPE, SACN, TAPR
Scrophulariales	Scrophulariaceae	Agalinis auriculata	INDU
Scrophulariales	Scrophulariaceae	Agalinis densiflora	TAPR
Scrophulariales	Scrophulariaceae	Agalinis fasciculata	EFMO, GWCA, PERI
Scrophulariales	Scrophulariaceae	Agalinis heterophylla	PERI
Scrophulariales	Scrophulariaceae	Agalinis maritima	ASIS, GATE
Scrophulariales	Scrophulariaceae	Agalinis obtusifolia	PRWI
Scrophulariales	Scrophulariaceae	Agalinis paupercula	ACAD, GATE, INDU, SACN
Scrophulariales	Scrophulariaceae	Agalinis purpurea	ASIS, COLO, FIIS, GEWA, INDU, MANA, MIMA, MORR, PRWI, SLBE
Scrophulariales	Scrophulariaceae	Agalinis setacea	COLO
Scrophulariales	Scrophulariaceae	Agalinis tenuifolia	CUVA, GWCA, HOME, INDU, MANA, OZAR, PERI, PIPE, PRWI, SACN, SLBE, TAPR, VOYA
Scrophulariales	Scrophulariaceae	Aureolaria flava	BUFF, CUVA, HOSP, INDU, OZAR
Scrophulariales	Scrophulariaceae	Aureolaria grandiflora	INDU, PERI
Scrophulariales	Scrophulariaceae	Aureolaria laevigata	PRWI
Scrophulariales	Scrophulariaceae	Aureolaria pectinata	OZAR, PRWI
Scrophulariales	Scrophulariaceae	Aureolaria pedicularia	CATO, INDU, MANA, MIMA, SACN
Scrophulariales	Scrophulariaceae	Aureolaria virgimica	CATO, COLO, MANA, PRWI, WEFA
Scrophulariales	Scrophulariaceae	Bacopa monnieri	ASIS
Scrophulariales	Scrophulariaceae	Bacopa rotundifolia	EFMO, GWCA, PIPE
Scrophulariales	Scrophulariaceae	Besseya bullii	MISS, SACN
Scrophulariales	Scrophulariaceae	Buchnera americana	INDU, MANA
Scrophulariales	Scrophulariaceae	Castilleja coccinea	CUVA, INDU, MISS, OZAR, SACN, WICR
Scrophulariales	Scrophulariaceae	Castilleja septentrionalis	ISRO
Scrophulariales	Scrophulariaceae	Castilleja sessiliflora	PIPE, SACN
Scrophulariales	Scrophulariaceae	Chaenorhinum minus	CATO, CUVA, INDU, MIMA, MISS, SACN
Scrophulariales	Scrophulariaceae	Chelone glabra	ACAD, APIS, CATO, COLO, CUVA, GATE, GRPO, HAFE, INDU, ISRO, MABI, MANA, MIMA, MISS, PIRO, PRWI, SACN, SAGA, SAIR, SARA, SLBE, THST, WEFA
Scrophulariales	Scrophulariaceae	Chelone obliqua	CATO
Scrophulariales	Scrophulariaceae	Collinsia parviflora	ISRO
Scrophulariales	Scrophulariaceae	Collinsia verna	CUVA, INDU

Scrophulariales	Scrophulariaceae	Cymbalaria muralis	MIMA
Scrophulariales	Scrophulariaceae	Dasistoma macrophylla	BUFF, EFMO, GWCA, HOCU, INDU, OZAR
Scrophulariales	Scrophulariaceae	Digitalis lanata	SACN
Scrophulariales	Scrophulariaceae	Digitalis purpurea	ACAD, APIS, PIRO
Scrophulariales	Scrophulariaceae	Euphrasia arctica	ISRO
Scrophulariales	Scrophulariaceae	Euphrasia hudsoniana	GRPO, ISRO
Scrophulariales	Scrophulariaceae	Euphrasia nemorosa	ACAD, GRPO, ISRO
Scrophulariales	Scrophulariaceae	Euphrasia randii	ACAD
Scrophulariales	Scrophulariaceae	Gratiola aurea	EFMO
Scrophulariales	Scrophulariaceae	Gratiola neglecta	ARPO, GRPO, GWCA, INDU, MANA, MIMA, PIPE, SACN, SARA, VOYA
Scrophulariales	Scrophulariaceae	Gratiola pilosa	ASIS
Scrophulariales	Scrophulariaceae	Gratiola virginiana	GEWA, INDU, PRWI
Scrophulariales	Scrophulariaceae	Kickxia elatine	ASIS, COLO, GEWA, OZAR, PRWI
Scrophulariales	Scrophulariaceae	Leucospora multifida	GWCA, OZAR, TAPR
Scrophulariales	Scrophulariaceae	Limosella aquatica	PIPE
Scrophulariales	Scrophulariaceae	Linaria vulgaris	ACAD, ANTI, APIS, CATO, CUVA, EFMO, GATE, HEHO, INDU, ISRO, MIMA, MISS, MORR, PIPE, PIRO, PRWI, SACN, SAIR, SARA, SLBE, VOYA, WEFA
Scrophulariales	Scrophulariaceae	Lindernia dubia	ANTI, ASIS, COLO, CUVA, GATE, GWCA, INDU, MANA, MISS, SACN, THST
Scrophulariales	Scrophulariaceae	Mazus pumilus	GATE
Scrophulariales	Scrophulariaceae	Mecardonia acuminata	COLO
Scrophulariales	Scrophulariaceae	Melampyrum lineare	ACAD, APIS, CATO, GRPO, INDU, ISRO, MIMA, MORR, PIRO, SACN, SARA, SLBE, VOYA, WEFA
Scrophulariales	Scrophulariaceae	Mimulus alatus	ANTI, CATO, GWCA, HOCU, INDU, LIBO, MANA, OZAR, PRWI, THST, WEFA
Scrophulariales	Scrophulariaceae	Mimulus glabratus	INDU, PIRO, SACN, SLBE
Scrophulariales	Scrophulariaceae	Mimulus moschatus	PIRO
Scrophulariales	Scrophulariaceae	Mimulus ringens	APIS, BUFF, CATO, COLO, CUVA, EFMO, GRPO, GWCA, HAFE, INDU, ISRO, MANA, MIMA, MISS, MORR, OZAR, PIPE, PIRO, PRWI, SACN, SARA, SLBE, VOYA, WEFA
Scrophulariales	Scrophulariaceae	Misopates orontium	GATE
Scrophulariales	Scrophulariaceae	Nuttallanthus canadensis	ACAD, ASIS, BUFF, COLO, FIIS, GATE, GEWA, INDU, MIMA, MISS, PRWI, SACN, SAGA, SLBE, THST
Scrophulariales	Scrophulariaceae	Nuttallanthus texanus	GWCA
Scrophulariales	Scrophulariaceae	Odontites vernus	ACAD
Scrophulariales	Scrophulariaceae	Orthocarpus luteus	PIPE
Scrophulariales	Scrophulariaceae	Paulownia tomentosa	ANTI, CATO, COLO, GATE, HAFE, HOSP, MORR, PERI, PRWI, THST
Scrophulariales	Scrophulariaceae	Pedicularis canadensis	ACAD, BUFF, CATO, CUVA, EFMO, GWCA, HEHO, HOSP, INDU, MIMA, MISS, OZAR, PERI, PIPE, SACN, SLBE, VOYA, WEFA, WICR
Scrophulariales	Scrophulariaceae	Pedicularis lanceolata	COLO, CUVA, INDU, MISS, OZAR, PIPE, SACN
Scrophulariales	Scrophulariaceae	Penstemon albidus	PIPE
Scrophulariales	Scrophulariaceae	Penstemon arkansanus	BUFF, HOSP
Scrophulariales	Scrophulariaceae	Penstemon calycosus	INDU
Scrophulariales	Scrophulariaceae	Penstemon canescens	CUVA
Scrophulariales	Scrophulariaceae	Penstemon cobaea	BUFF, TAPR
Scrophulariales	Scrophulariaceae	Penstemon digitalis	BUFF, CATO, CUVA, GWCA, HEHO, HOCU, INDU, LIBO, MANA, MIMA, MORR, OZAR, PERI, SACN, SARA, WICR
Scrophulariales	Scrophulariaceae	Penstemon gracilis	MISS, PIPE, SACN, VOYA
Scrophulariales	Scrophulariaceae	Penstemon grandiflorus	EFMO, HEHO, MISS, PIPE, SACN
Scrophulariales	Scrophulariaceae	Penstemon hirsutus	CATO, CUVA, HOCU, MANA, MORR, SARA
Scrophulariales	Scrophulariaceae	Penstemon laevigatus	COLO, MANA
Scrophulariales	Scrophulariaceae	Penstemon pallidus	BUFF, COLO, OZAR, WICR
Scrophulariales	Scrophulariaceae	Penstemon tubiflorus	BUFF, GWCA, TAPR
Scrophulariales	Scrophulariaceae	Rhinanthus minor	ACAD
Scrophulariales	Scrophulariaceae	Scrophularia lanceolata	ACAD, APIS, CATO, EFMO, INDU, ISRO, MISS, PIPE, PIRO, SACN, SARA, SLBE
Scrophulariales	Scrophulariaceae	Scrophularia marilandica	ACAD, ANTI, BUFF, CUVA, EFMO, GWCA, HOCU, HOME, INDU, MISS, OZAR, PERI, TAPR, THST, VOYA, WICR
Scrophulariales	Scrophulariaceae	Verbascum blattaria	ACAD, ANTI, ASIS, CATO, COLO, CUVA, GATE, GEWA, GWCA, HOCU, INDU, MANA, MIMA, MORR, OZAR, PERI, PRWI, SLBE, TAPR, WICR
Scrophulariales	Scrophulariaceae	Verbascum phlomoides	PRWI
Scrophulariales	Scrophulariaceae	Verbascum phoeniceum	HAFE
Scrophulariales	Scrophulariaceae	Verbascum thapsus	ACAD, ANTI, APIS, ARPO, ASIS, BUFF, CATO, COLO, CUVA, EFMO, FIIS, GATE, GEWA, GWCA, HAFE, HOCU, HOME, INDU, ISRO, LIBO, MABI, MANA, MIMA, MISS, MORR, OZAR, PERI, PIPE, PIRO, PRWI, SACN, SAGA, SAIR, SARA, SLBE, TAPR, THST, VOYA, WEFA, WICR
Scrophulariales	Scrophulariaceae	Veronica agrestis	ANTI, WEFA
Scrophulariales	Scrophulariaceae	Veronica americana	APIS, CATO, GRPO, ISRO, MISS, OZAR, PIRO, SACN, SLBE
Scrophulariales	Scrophulariaceae	Veronica anagallis-aquatica	ANTI, COLO, INDU, MISS, SACN, TAPR, VOYA, WICR
Scrophulariales	Scrophulariaceae	Veronica arvensis	ACAD, APIS, ARPO, ASIS, CATO, COLO, CUVA, GATE, GEWA, GWCA, HOCU, HOME, INDU, ISRO, LIBO, MANA, MORR, OZAR, PERI, PIPE, PIRO, PRWI, SACN, SARA, SLBE, TAPR, THST, VOYA, WICR
Scrophulariales	Scrophulariaceae	Veronica beccabunga	PIRO
Scrophulariales	Scrophulariaceae	Veronica chamaedrys	ACAD, GATE, MABI, MIMA, MORR, PIRO
Scrophulariales	Scrophulariaceae	Veronica dillenii	GRPO
Scrophulariales	Scrophulariaceae	Veronica filiformis	CUVA

Scrophulariales	Scrophulariaceae	Veronica hederifolia	ANTI, CATO, COLO, GEWA, HAFE, MANA, WICR
Scrophulariales	Scrophulariaceae	Veronica longifolia	ACAD, PIRO, SACN, SLBE
Scrophulariales	Scrophulariaceae	Veronica officinalis	ACAD, ANTI, APIS, CATO, COLO, CUVA, GATE, HOCU, INDU, ISRO, MABI, MANA, MIMA, MORR, PIRO, PRWI, SAGA, SARA, SLBE, WEFA
Scrophulariales	Scrophulariaceae	Veronica peregrina	ACAD, ANTI, APIS, ASIS, CATO, COLO, CUVA, EFMO, GATE, GRPO, GWCA, HOME, INDU, ISRO, MANA, MISS, PIPE, PRWI, SACN, SARA, TAPR, THST, VOYA
Scrophulariales	Scrophulariaceae	Veronica persica	ACAD, ANTI, CATO, COLO, CUVA, HOCU, MABI, MANA, PRWI, SAGA
Scrophulariales	Scrophulariaceae	Veronica polita	GWCA, WICR
Scrophulariales	Scrophulariaceae	Veronica scutellata	ACAD, GRPO, INDU, PIRO, SACN, SAGA, VOYA
Scrophulariales	Scrophulariaceae	Veronica serpyllifolia	ACAD, ANTI, APIS, CATO, COLO, CUVA, GATE, GEWA, GRPO, HOCU, INDU, ISRO, MABI, MANA, MIMA, MORR, PIRO, PRWI, SACN, SARA, SLBE, THST, VOYA
Scrophulariales	Scrophulariaceae	Veronica verna	INDU, ISRO, PIRO, SACN
Scrophulariales	Scrophulariaceae	Veronicastrum virginicum	CUVA, EFMO, HAFE, HEHO, INDU, ISRO, MIMA, MISS, OZAR, PIPE, SACN, WICR
Selaginellales	Selaginellaceae	Selaginella apoda	COLO, MORR, OZAR, PRWI, SARA
Selaginellales	Selaginellaceae	Selaginella densa	VOYA
Selaginellales	Selaginellaceae	Selaginella eclipes	OZAR
Selaginellales	Selaginellaceae	Selaginella rupestris	ACAD, GRPO, INDU, ISRO, MISS, OZAR, PIPE, PIRO, SACN, SLBE, VOYA
Selaginellales	Selaginellaceae	Selaginella selaginoides	ISRO, PIRO
Solanales	Convolvulaceae	Calystegia macounii	HOME, TAPR
Solanales	Convolvulaceae	Calystegia pellita	GATE
Solanales	Convolvulaceae	Calystegia sepium	ACAD, APIS, ASIS, CATO, COLO, GEWA, GWCA, HOCU, INDU, ISRO, MABI, MISS, MORR, OZAR, PERI, PIPE, PRWI, SACN, SAIR, SLBE, VOYA, WICR
Solanales	Convolvulaceae	Calystegia spithamaea	ISRO, MANA, SACN, SARA, VOYA
Solanales	Convolvulaceae	Convolvulus arvensis	ANTI, APIS, CATO, COLO, CUVA, EFMO, GATE, GEWA, GWCA, HEHO, HOCU, HOME, INDU, MIMA, MISS, MORR, PERI, PIPE, SACN, SARA, SLBE, TAPR, WICR
Solanales	Convolvulaceae	Convolvulus scammonia	EFMO
Solanales	Convolvulaceae	Dichondra carolinensis	COLO
Solanales	Convolvulaceae	Evolvulus nuttallianus	PERI, TAPR
Solanales	Convolvulaceae	Ipomoea coccinea	ASIS, COLO, OZAR, PRWI
Solanales	Convolvulaceae	Ipomoea hederacea	ANTI, ARPO, ASIS, COLO, GEWA, GWCA, HOCU, INDU, LIBO, MANA, OZAR, PRWI, TAPR, THST, WICR
Solanales	Convolvulaceae	Ipomoea lacunosa	ASIS, BUFF, COLO, GEWA, GWCA, HOCU, PRWI
Solanales	Convolvulaceae	Ipomoea pandurata	ANTI, BUFF, CATO, GWCA, HOCU, MANA, OZAR, PRWI, WICR
Solanales	Convolvulaceae	Ipomoea purpurea	COLO, GATE, INDU, MABI, MANA, PRWI
Solanales	Cuscutaceae	Cuscuta cephalanthi	MISS, SACN, VOYA
Solanales	Cuscutaceae	Cuscuta compacta	COLO, GEWA, OZAR, PRWI
Solanales	Cuscutaceae	Cuscuta coryli	GWCA, INDU
Solanales	Cuscutaceae	Cuscuta glomerata	ARPO, INDU
Solanales	Cuscutaceae	Cuscuta gronovii	ACAD, ANTI, ASIS, CATO, COLO, CUVA, EFMO, GATE, HAFE, INDU, MIMA, MISS, OZAR, PERI, PIPE, PRWI, SACN, SARA, THST, VOYA, WEFA
Solanales	Cuscutaceae	Cuscuta indecora	GEWA
Solanales	Cuscutaceae	Cuscuta megalocarpa	HOME, SACN
Solanales	Cuscutaceae	Cuscuta pentagona	ASIS, COLO, GATE, GEWA, GWCA, HAFE, INDU, PIPE, PRWI, SACN, WEFA
Solanales	Cuscutaceae	Cuscuta polygonorum	GATE, GWCA
Solanales	Hydrophyllaceae	Ellisia nyctelea	BUFF, EFMO, HAFE, HOME, INDU, MISS, OZAR, PIPE, SACN, TAPR
Solanales	Hydrophyllaceae	Hydrophyllum appendiculatum	CUVA, EFMO, HOCU, INDU, MISS, SLBE
Solanales	Hydrophyllaceae	Hydrophyllum canadense	ANTI, CUVA, EFMO, HAFE
Solanales	Hydrophyllaceae	Hydrophyllum virginianum	ANTI, BUFF, CATO, CUVA, EFMO, HAFE, INDU, LIBO, MABI, MANA, MISS, PIPE, SACN, SLBE
Solanales	Hydrophyllaceae	Nemophila aphylla	COLO
Solanales	Hydrophyllaceae	Phacelia bipinnatifida	LIBO
Solanales	Hydrophyllaceae	Phacelia dubia	ANTI, CATO, COLO, PRWI
Solanales	Hydrophyllaceae	Phacelia franklinii	ISRO
Solanales	Hydrophyllaceae	Phacelia gilioides	OZAR
Solanales	Hydrophyllaceae	Phacelia glabra	HOSP
Solanales	Hydrophyllaceae	Phacelia hirsuta	ARPO, PERI, WICR
Solanales	Hydrophyllaceae	Phacelia purshii	CUVA, HOCU
Solanales	Menyanthaceae	Menyanthes trifoliata	ACAD, APIS, INDU, ISRO, MISS, PIRO, SACN, SLBE, VOYA
Solanales	Menyanthaceae	Nymphoides cordata	ACAD, MIMA
Solanales	Polemoniaceae	Collomia linearis	PIPE, VOYA
Solanales	Polemoniaceae	Phlox bifida	INDU
Solanales	Polemoniaceae	Phlox carolina	OZAR
Solanales	Polemoniaceae	Phlox divaricata	ANTI, BUFF, CUVA, EFMO, GWCA, HOCU, HOSP, INDU, LIBO, MISS, MORR, OZAR, SACN, SLBE, TAPR
Solanales	Polemoniaceae	Phlox drummondii	ASIS
Solanales	Polemoniaceae	Phlox glaberrima	INDU
Solanales	Polemoniaceae	Phlox maculata	CUVA, OZAR
Solanales	Polemoniaceae	Phlox paniculata	APIS, CATO, CUVA, GEWA, HOCU, INDU, OZAR, PRWI, SACN, WICR

Solanales	Polemoniaceae	Phlox pilosa	BUFF, CUVA, EFMO, HOSP, INDU, MISS, OZAR, PIPE, SACN, VOYA, WICR
Solanales	Polemoniaceae	Phlox subulata	APIS, CUVA, SLBE
Solanales	Polemoniaceae	Polemonium reptans	BUFF, CUVA, EFMO, HOCU, INDU, MISS, OZAR, PERI, SACN, SAGA
Solanales	Solanaceae	Capsicum annuum	MABI
Solanales	Solanaceae	Datura stramonium	ANTI, ASIS, CATO, COLO, CUVA, GATE, GEWA, GWCA, HAFE, HOCU, INDU, MANA, MISS, MORR, OZAR, PRWI, SLBE, TAPR, WICR
Solanales	Solanaceae	Leucophysalis grandiflora	ISRO, SACN
Solanales	Solanaceae	Lycium barbarum	COLO, GATE, MISS
Solanales	Solanaceae	Nicotiana tabacum	LIBO
Solanales	Solanaceae	Petunia hybrida	HOCU, SAGA
Solanales	Solanaceae	Physalis angulata	GWCA
Solanales	Solanaceae	Physalis cordata	ARPO
Solanales	Solanaceae	Physalis heterophylla	ANTI, APIS, ASIS, COLO, CUVA, EFMO, GATE, GWCA, HEHO, HOCU, INDU, ISRO, MIMA, MISS, MORR, OZAR, PIPE, PIRO, PRWI, SACN, SARA, SLBE, TAPR, WICR
Solanales	Solanaceae	Physalis hispida	WICR
Solanales	Solanaceae	Physalis longifolia	ANTI, CUVA, GEWA, GWCA, HOCU, INDU, MANA, PRWI, SLBE, TAPR, WICR
Solanales	Solanaceae	Physalis philadelphica	EFMO
Solanales	Solanaceae	Physalis pubescens	EFMO, GWCA, HOME, HOSP, INDU, PERI, VOYA
Solanales	Solanaceae	Physalis pumila	GWCA, TAPR, WICR
Solanales	Solanaceae	Physalis virginiana	ANTI, COLO, EFMO, GEWA, GWCA, HEHO, HOME, INDU, MANA, MISS, OZAR, PIPE, SACN, TAPR
Solanales	Solanaceae	Solanum americanum	ASIS, CATO, COLO, PRWI, SAIR
Solanales	Solanaceae	Solanum carolinense	ANTI, ARPO, ASIS, BUFF, CATO, COLO, CUVA, EFMO, GATE, GEWA, GWCA, HEHO, HOCU, HOSP, INDU, LIBO, MANA, MIMA, MISS, MORR, OZAR, PERI, PRWI, SARA, SLBE, TAPR, THST, WICR
Solanales	Solanaceae	Solanum dulcamara	ACAD, ANTI, APIS, CATO, CUVA, EFMO, GATE, INDU, MABI, MANA, MIMA, MORR, PIPE, SACN, SAGA, SAIR, SARA, SLBE, VOYA, WEFA
Solanales	Solanaceae	Solanum elaeagnifolium	TAPR
Solanales	Solanaceae	Solanum lycopersicum	COLO, GEWA, ISRO, MABI, OZAR
Solanales	Solanaceae	Solanum nigrum	ANTI, ASIS, CUVA, EFMO, GATE, HOCU, MORR, PRWI, SARA, THST, WEFA
Solanales	Solanaceae	Solanum physalifolium	GWCA, PRWI
Solanales	Solanaceae	Solanum ptychanthum	APIS, GWCA, HOME, HOSP, INDU, MISS, OZAR, PERI, PIPE, PIRO, SACN, SLBE
Solanales	Solanaceae	Solanum rostratum	ACAD, GWCA, PIPE, TAPR
Solanales	Solanaceae	Solanum tuberosum	MABI, MISS, SLBE
Solanales	Solanaceae	Solanum umbelliferum	EFMO
Taxales	Taxaceae	Taxus baccata	MIMA
Taxales	Taxaceae	Taxus canadensis	ACAD, APIS, CUVA, EFMO, GATE, GRPO, ISRO, MABI, MIMA, MISS, MORR, PIRO, SACN, SAGA, SLBE, VOYA
Taxales	Taxaceae	Taxus cuspidata	CUVA, GATE, INDU, MIMA
Theales	Actinidiaceae	Actinidia arguta	ACAD
Theales	Clusiaceae	Hypericum hypericoides	ASIS
Theales	Clusiaceae	Hypericum ascyron	EFMO, HEHO, INDU, SACN
Theales	Clusiaceae	Hypericum boreale	ACAD, INDU, ISRO, MIMA, PIRO, SACN
Theales	Clusiaceae	Hypericum canadense	ACAD, ASIS, FIIS, GATE, INDU, LIBO, MANA, MIMA, PIRO, PRWI
Theales	Clusiaceae	Hypericum crux-andreae	ASIS
Theales	Clusiaceae	Hypericum densiflorum	PRWI
Theales	Clusiaceae	Hypericum denticulatum	LIBO
Theales	Clusiaceae	Hypericum dissimulatum	ACAD
Theales	Clusiaceae	Hypericum drummondii	ARPO, CUVA, GWCA, HOSP, OZAR
Theales	Clusiaceae	Hypericum ellipticum	ACAD, MIMA, PIRO, SACN
Theales	Clusiaceae	Hypericum gentianoides	ACAD, ASIS, BUFF, CATO, FIIS, HOSP, INDU, MANA, MIMA, OZAR, PRWI, THST
Theales	Clusiaceae	Hypericum gymnanthum	COLO, MANA, OZAR
Theales	Clusiaceae	Hypericum hypericoides	ARPO, ASIS, BUFF, GEWA, HOSP, OZAR, PERI, PRWI, THST
Theales	Clusiaceae	Hypericum kalmianum	INDU, SLBE
Theales	Clusiaceae	Hypericum majus	APIS, INDU, ISRO, PIRO, SACN, SARA, SLBE, VOYA
Theales	Clusiaceae	Hypericum mitchellianum	CATO
Theales	Clusiaceae	Hypericum mutilum	ACAD, ANTI, ARPO, ASIS, CATO, COLO, CUVA, GATE, GEWA, GWCA, HOCU, HOSP, INDU, MANA, MIMA, MORR, PRWI, SAIR, SARA, THST
Theales	Clusiaceae	Hypericum perforatum	ACAD, ANTI, APIS, ASIS, CATO, COLO, CUVA, EFMO, GATE, GEWA, GWCA, HOCU, INDU, ISRO, MABI, MANA, MIMA, MORR, OZAR, PERI, PIRO, PRWI, SACN, SAGA, SARA, SLBE, TAPR, WEFA, WICR
Theales	Clusiaceae	Hypericum prolificum	ACAD, BUFF, CUVA, HAFE, MANA, OZAR, PRWI, WICR
Theales	Clusiaceae	Hypericum pseudomaculatum	BUFF, GWCA, HOSP, OZAR, PERI, WICR
Theales	Clusiaceae	Hypericum punctatum	ACAD, ANTI, ARPO, CATO, COLO, CUVA, EFMO, GEWA, GWCA, HEHO, HOCU, INDU, MABI, MANA, MORR, OZAR, PRWI, SACN, SAIR, SARA, THST, WICR
Theales	Clusiaceae	Hypericum setosum	COLO
Theales	Clusiaceae	Hypericum sphaerocarpum	GWCA, OZAR
Theales	Clusiaceae	Triadenum fraseri	ACAD, APIS, GRPO, INDU, ISRO, PIRO, SACN, SLBE, VOYA
Theales	Clusiaceae	Triadenum virginicum	ACAD, COLO, FIIS, GEWA, INDU, MIMA, PRWI, SARA
Theales	Clusiaceae	Triadenum walteri	COLO

Theales	Elatinaceae	Elatine americana	MIMA, SAIR
Theales	Elatinaceae	Elatine minima	ACAD, EFMO, SACN, VOYA
Theales	Elatinaceae	Elatine triandra	VOYA
Theales	Theaceae	Stewartia ovata	COLO
Typhales	Sparganiaceae	Sparganium americanum	ACAD, COLO, CUVA, EFMO, GEWA, INDU, ISRO, MABI, MIMA, MORR, PIRO, PRWI, SACN, SAGA, SAIR, SLBE, THST, VOYA
Typhales	Sparganiaceae	Sparganium androcladum	EFMO, INDU, SACN, WEFA
Typhales	Sparganiaceae	Sparganium angustifolium	APIS, ISRO, PIRO, SACN, VOYA
Typhales	Sparganiaceae	Sparganium erectum	APIS, GRPO, INDU, ISRO, MIMA, PIRO, SACN, SARA, SLBE
Typhales	Sparganiaceae	Sparganium eurycarpum	APIS, CUVA, EFMO, GRPO, INDU, ISRO, MIMA, MISS, PIPE, PRWI, SACN, SAIR, SARA, SLBE, VOYA
Typhales	Sparganiaceae	Sparganium fluctuans	ACAD, APIS, EFMO, GRPO, ISRO, PIRO, SACN, SLBE, VOYA
Typhales	Sparganiaceae	Sparganium glomeratum	VOYA
Typhales	Sparganiaceae	Sparganium natans	ACAD, ISRO, PIRO, SACN, SLBE, VOYA
Typhales	Typhaceae	Typha angustifolia	ACAD, APIS, ASIS, COLO, CUVA, EFMO, FIIS, GATE, GEWA, INDU, MABI, MIMA, MISS, PIRO, PRWI, SACN, SAIR, SARA, SLBE, VOYA
Typhales	Typhaceae	Typha augustifolia	CUVA
Typhales	Typhaceae	Typha latifolia	ACAD, ANTI, APIS, ARPO, ASIS, BUFF, CATO, COLO, CUVA, EFMO, FIIS, GATE, GRPO, HAFE, HOCU, INDU, ISRO, MABI, MIMA, MISS, MORR, PIPE, PIRO, PRWI, SACN, SAGA, SARA, SLBE, TAPR, THST, VOYA
Urticales	Cannabaceae	Cannabis sativa	APIS, CATO, EFMO, HOME, INDU, MISS, SACN, SARA
Urticales	Cannabaceae	Humulus japonicus	ANTI, CUVA, EFMO, HAFE, INDU, WICR
Urticales	Cannabaceae	Humulus lupulus	CATO, CUVA, GWCA, HOCU, INDU, MIMA, MISS, PERI, SACN
Urticales	Moraceae	Broussonetia papyrifera	ARPO, COLO, GATE, HOCU, MORR, PRWI
Urticales	Moraceae	Maclura pomifera	ANTI, ARPO, BUFF, CATO, CUVA, GWCA, HOCU, HOME, INDU, OZAR, PERI, PRWI, TAPR, THST, WICR
Urticales	Moraceae	Morus alba	ANTI, ASIS, COLO, CUVA, EFMO, GATE, GEWA, GWCA, HAFE, HEHO, HOCU, HOME, INDU, LIBO, MANA, MIMA, MORR, PRWI, SACN, SAIR, SARA, TAPR, WICR
Urticales	Moraceae	Morus rubra	ANTI, ARPO, BUFF, CATO, COLO, CUVA, EFMO, GATE, GEWA, GWCA, HAFE, HOCU, HOSP, INDU, LIBO, MANA, MIMA, OZAR, PERI, PRWI, WICR
Urticales	Ulmaceae	Celtis laevigata	ARPO, BUFF, COLO, GEWA, GWCA, HOSP, MANA, OZAR, PERI, WICR
Urticales	Ulmaceae	Celtis occidentalis	ANTI, ASIS, BUFF, CATO, COLO, EFMO, GATE, GEWA, GWCA, HAFE, HEHO, HOCU, HOME, INDU, LIBO, MANA, MIMA, MISS, MORR, OZAR, PERI, PIPE, PRWI, SACN, SARA, TAPR, WEFA, WICR
Urticales	Ulmaceae	Celtis tenuifolia	BUFF, GWCA, HAFE, HOSP, INDU, MANA, OZAR, PERI, PRWI, WICR
Urticales	Ulmaceae	Ulmus alata	ARPO, BUFF, COLO, HOSP, LIBO, OZAR, PERI
Urticales	Ulmaceae	Ulmus americana	ACAD, ANTI, APIS, ARPO, BUFF, CATO, COLO, CUVA, EFMO, GATE, GEWA, GWCA, HAFE, HOCU, HOME, INDU, ISRO, LIBO, MABI, MANA, MIMA, MISS, MORR, OZAR, PIPE, PIRO, PRWI, SACN, SAGA, SARA, SLBE, TAPR, THST, VOYA, WEFA, WICR
Urticales	Ulmaceae	Ulmus pumila	CUVA, EFMO, GATE, GWCA, HEHO, HOCU, HOME, INDU, MISS, PIPE, SACN, TAPR, WICR
Urticales	Ulmaceae	Ulmus rubra	ANTI, ARPO, ASIS, BUFF, CATO, COLO, CUVA, EFMO, GWCA, HAFE, HOCU, HOME, INDU, LIBO, MABI, MANA, MIMA, MISS, MORR, OZAR, PERI, PRWI, SACN, SAGA, SAIR, SARA, SLBE, WEFA, WICR
Urticales	Ulmaceae	Ulmus thomasii	SACN
Urticales	Ulmaceae	Ulmus vulgaris	MIMA
Urticales	Urticaceae	Boehmeria cylindrica	ANTI, ASIS, BUFF, CATO, COLO, CUVA, EFMO, GATE, GEWA, GWCA, HAFE, HOCU, HOME, HOSP, INDU, LIBO, MANA, MIMA, MISS, MORR, OZAR, PERI, PRWI, SACN, SAGA, SAIR, SARA, SLBE, THST, WEFA, WICR
Urticales	Urticaceae	Boehmeria nivea	COLO
Urticales	Urticaceae	Laportea canadensis	ANTI, APIS, BUFF, CATO, CUVA, EFMO, GRPO, GWCA, HAFE, HOCU, HOME, INDU, MABI, MANA, MISS, OZAR, PIRO, PRWI, SACN, SARA, SLBE, TAPR, VOYA, WEFA, WICR
Urticales	Urticaceae	Parietaria pensylvanica	ACAD, ANTI, ASIS, BUFF, CATO, GWCA, HAFE, HOME, INDU, MANA, OZAR, PERI, PIPE, SACN, TAPR, VOYA, WICR
Urticales	Urticaceae	Pilea fontana	COLO, CUVA, INDU, SACN
Urticales	Urticaceae	Pilea pumila	ANTI, APIS, BUFF, CATO, COLO, CUVA, EFMO, GATE, GEWA, GWCA, HAFE, HOCU, INDU, LIBO, MABI, MANA, MIMA, MISS, MORR, OZAR, PERI, PRWI, SACN, SARA, SLBE, THST, WEFA, WICR
Urticales	Urticaceae	Urtica dioica	ACAD, ANTI, APIS, GRPO, HAFE, HEHO, HOCU, HOME, INDU, ISRO, LIBO, MABI, MIMA, MORR, OZAR, PIPE, PIRO, SACN, SAGA, SARA, SLBE, TAPR, VOYA
Urticales	Urticaceae	Urtica urens	CUVA
Violales	Cistaceae	Helianthemum bicknellii	INDU, MISS, SACN
Violales	Cistaceae	Helianthemum canadense	ASIS, INDU, MIMA, MISS, PIRO, SACN, SARA, SLBE
Violales	Cistaceae	Hudsonia ericoides	ACAD, GATE
Violales	Cistaceae	Hudsonia tomentosa	APIS, ASIS, COLO, GATE, INDU, PIRO, SACN, SLBE
Violales	Cistaceae	Lechea intermedia	ACAD, ANTI, CUVA, MIMA, SACN, VOYA
Violales	Cistaceae	Lechea maritima	ASIS, GATE
Violales	Cistaceae	Lechea minor	INDU
Violales	Cistaceae	Lechea mucronata	BUFF, INDU, OZAR
Violales	Cistaceae	Lechea pulchella	ASIS, CATO, INDU
Violales	Cistaceae	Lechea racemulosa	COLO, MANA, PRWI, THST
Violales	Cistaceae	Lechea stricta	INDU, MISS, SACN, SLBE

Violales	Cistaceae	Lechea tenuifolia	BUFF, HOSP, INDU, MORR, OZAR, PERI, SACN
Violales	Cucurbitaceae	Citrullus lanatus	ASIS, GATE, OZAR
Violales	Cucurbitaceae	Cucumis melo	MABI
Violales	Cucurbitaceae	Cucumis sativus	MABI
Violales	Cucurbitaceae	Cucurbita foetidissima	TAPR
Violales	Cucurbitaceae	Cucurbita maxima	MABI
Violales	Cucurbitaceae	Cucurbita mixta	MABI
Violales	Cucurbitaceae	Cucurbita moschata	MABI
Violales	Cucurbitaceae	Cucurbita pepo	ASIS, HOCU, MABI, PRWI
Violales	Cucurbitaceae	Echinocystis lobata	CUVA, INDU, MABI, MISS, PIPE, SACN, SAGA, SAIR, VOYA
Violales	Cucurbitaceae	Melothria pendula	BUFF, COLO, GEWA, PERI
Violales	Cucurbitaceae	Sicyos angulatus	ANTI, CATO, CUVA, EFMO, GATE, HAFE, HOCU, HOME, INDU, MABI, MISS, OZAR, SACN, SARA, TAPR, WICR
Violales	Loasaceae	Mentzelia oligosperma	TAPR
Violales	Passifloraceae	Passiflora incarnata	ARPO, COLO, GWCA, HOSP, PERI, WICR
Violales	Passifloraceae	Passiflora lutea	ASIS, BUFF, COLO, GEWA, GWCA, HOSP, OZAR, PERI, PRWI
Violales	Violaceae	Hybanthus concolor	ANTI, BUFF, MANA, OZAR
Violales	Violaceae	Hybanthus verticillatus	TAPR
Violales	Violaceae	Viola adunca	ACAD, GRPO, ISRO, MISS, SACN, SLBE, VOYA, WEFA
Violales	Violaceae	Viola affinis	ARPO, COLO, CUVA, HOME, INDU, MISS, PIPE, SACN, SLBE
Violales	Violaceae	Viola arvensis	COLO, INDU, SLBE
Violales	Violaceae	Viola bicolor	ANTI, BUFF, CATO, COLO, GEWA, GWCA, HOCU, HOME, HOSP, MIMA, MORR, OZAR, PRWI, SLBE, TAPR, THST, WICR
Violales	Violaceae	Viola blanda	ACAD, ANTI, APIS, CUVA, EFMO, GRPO, INDU, ISRO, MABI, MIMA, MORR, PIRO, SACN, SARA, SLBE, VOYA, WEFA
Violales	Violaceae	Viola brittoniana	MIMA
Violales	Violaceae	Viola canadensis	CUVA, HAFE, INDU, MABI, MIMA, MISS, PIPE, PIRO, SARA, SLBE, VOYA
Violales	Violaceae	Viola conspersa	CATO, CUVA, INDU, MABI, MORR, PIRO, SAGA, SARA, SLBE, VOYA
Violales	Violaceae	Viola cucullata	ACAD, APIS, ASIS, CATO, COLO, CUVA, GEWA, GRPO, INDU, ISRO, MANA, MIMA, MORR, PIRO, PRWI, SACN, SAGA, SARA, SLBE, THST, VOYA, WEFA
Violales	Violaceae	Viola hastata	CUVA, MANA
Violales	Violaceae	Viola hirsutula	CATO, PRWI
Violales	Violaceae	Viola labradorica	ISRO, MISS, PIRO, SACN
Violales	Violaceae	Viola lanceolata	ACAD, APIS, ASIS, INDU, PIRO, THST
Violales	Violaceae	Viola macloskeyi	ACAD, APIS, CATO, INDU, ISRO, MABI, MIMA, MISS, PIRO, SACN, SLBE, VOYA
Violales	Violaceae	Viola nephrophylla	APIS, HEHO, HOME, ISRO, MABI, MISS, PIPE, SACN, SLBE, WICR
Violales	Violaceae	Viola novae-angliae	GRPO, SACN, VOYA
Violales	Violaceae	Viola odorata	GATE, INDU, SAIR
Violales	Violaceae	Viola palmata	ARPO, ASIS, BUFF, CUVA, HOCU, HOSP, MANA, MORR, OZAR, PERI, PRWI, SACN, WICR
Violales	Violaceae	Viola pedata	EFMO, HOSP, INDU, MIMA, MISS, MORR, OZAR, PERI, SACN, WICR
Violales	Violaceae	Viola pedatifida	HOME, PIPE, SACN, TAPR
Violales	Violaceae	Viola pubescens	APIS, BUFF, CUVA, EFMO, GRPO, GWCA, HOCU, HOME, INDU, ISRO, MABI, MANA, MIMA, MISS, MORR, OZAR, PIRO, SACN, SARA, SLBE, THST, VOYA, WEFA, WICR
Violales	Violaceae	Viola renifolia	APIS, GRPO, ISRO, PIRO, SLBE, VOYA
Violales	Violaceae	Viola rostrata	CUVA, INDU, SARA, SLBE
Violales	Violaceae	Viola rotundifolia	CATO, CUVA, MABI, MORR, SAGA
Violales	Violaceae	Viola sagittata	ACAD, ASIS, CATO, CUVA, INDU, MABI, MANA, MIMA, OZAR, PERI, PRWI, SACN, SARA, WEFA
Violales	Violaceae	Viola selkirkii	GRPO, ISRO, MABI, PIRO, SLBE, VOYA
Violales	Violaceae	Viola sororia	ACAD, APIS, BUFF, COLO, GWCA, HOCU, HOSP, INDU, ISRO, LIBO, MABI, MANA, MIMA, MISS, OZAR, PERI, PIPE, PRWI, SACN, SAGA, SLBE, TAPR, THST, VOYA, WICR
Violales	Violaceae	Viola striata	ANTI, CATO, CUVA, HOCU, INDU, LIBO, MANA, MIMA, OZAR, PERI, PRWI
Violales	Violaceae	Viola tricolor	INDU, MABI, MIMA, PERI, SACN, SAGA, SAIR
Violales	Violaceae	Viola walteri	COLO

Amphibians

OrderName	FamilyName	Genus Species	Park Codes
Anura	Bufonidae	Bufo americanus	ACAD, ANTI, APIS, ARPO, BUFF, CATO, CUVA EFMO, GEWA, GRPO, HAFE, HEHO, HOCU, HOSP INDU, ISRO, MABI, MANA, MIMA, MISS, MORR, OZAR, PERI, PIRO, SACN, SAGA, SARA, SLBE, THST, VOYA, WICR
Anura	Bufonidae	Bufo fowleri	BUFF, COLO, GEWA, INDU, LIBO, OZAR, PRWI
Anura	Bufonidae	Bufo woodhousii	ARPO, CATO, HOME, HOSP, TAPR
Anura	Hylidae	Acris crepitans	ARPO, BUFF, COLO, GEWA, GWCA, HOME, HOSP, MANA, OZAR, PERI, SLBE, TAPR, THST
Anura	Hylidae	Hyla chrysoscelis	ARPO, COLO, GEWA, HOSP, INDU, LIBO, MANA, OZAR, PRWI, SACN, TAPR, THST WICR
Anura	Hylidae	Hyla chrysoscelis/versicolor	HOCU
Anura	Hylidae	Hyla cinerea	ARPO, COLO, GEWA, HOSP
Anura	Hylidae	Hyla squirella	COLO
Anura	Hylidae	Hyla versicolor	APIS, BUFF, COLO, CUVA, EFMO, GRPO, INDU, MANA, MIMA, MORR, OZAR, PERI PIPE, PIRO SACN SAGA SARA SLBE VOYA
Anura	Hylidae	Pseudacris brimleyi	COLO
Anura	Hylidae	Pseudacris crucifer	ACAD, ANTI, APIS, ARPO, BUFF, CUVA, EFMO, GEWA, GRPO, GWCA, HAFE, HOCU, HOSP, INDU, ISRO, LIBO, MABI, MANA, OZAR, PERI, PIRO SACN SAGA, SARA SLBE THST VOYA, WICR
Anura	Hylidae	Pseudacris feriarum	COLO, MANA
Anura	Hylidae	Pseudacris maculata	APIS, ISRO, VOYA
Anura	Hylidae	Pseudacris triseriata	APIS, BUFF, CUVA, EFMO, GWCA, HOME, HOSP, INDU, LIBO, MISS, PERI PIPE SLBE, TAPR
Anura	Microhylidae	Gastrophryne carolinensis	ARPO, COLO, HOSP, OZAR, PERI
Anura	Microhylidae	Gastrophryne olivacea	TAPR
Anura	Pelobatidae	Scaphiopus holbrookii	COLO
Anura	Ranidae	Rana blairi	HOME, TAPR
Anura	Ranidae	Rana catesbeiana	ACAD, ANTI, ARPO, BUFF, CATO, COLO, CUVA, EFMO, GEWA, HAFE, HOCU, HOME, HOSP, INDU, LIBO, MABI, MANA, MIMA, MORR, OZAR, PERI PRWI SACN SAGA, SARA, SLBE, TAPR, THST
Anura	Ranidae	Rana clamitans	ACAD, ANTI, APIS, ARPO, CATO, CUVA, EFMO, GEWA, GRPO, HAFE, HOCU, HOSP, INDU, ISRO, LIBO, MABI, MANA, MISS, MORR, OZAR, PERI, PIRO, SACN SAGA, SARA, SLBE THST VOYA
Anura	Ranidae	Rana palustris	ACAD, ANTI, BUFF, CATO, COLO, CUVA, EFMO, HAFE, MABI, MANA, MIMA MORR, OZAR, PERI, PRWI SACN, SAGA SLBE, THST WICR
Anura	Ranidae	Rana pipiens	APIS, CUVA, EFMO, GRPO, HOCU, INDU, MABI, MIMA, MISS, PIPE, PIRO SACN SARA SLBE, VOYA
Anura	Ranidae	Rana septentrionalis	APIS, GRPO, ISRO, PIRO, SACN, VOYA
Anura	Ranidae	Rana sphenocephala	ARPO, BUFF, GEWA, HOSP, LIBO, OZAR, PERI, THST, WICR
Anura	Ranidae	Rana sylvatica	ACAD, ANTI, APIS, BUFF, CATO, CUVA, GRPO, HAFE, INDU, ISRO, LIBO, MABI, MANA, MIMA, MORR, OZAR, PERI, PIRO, PRWI, SACN, SAGA, SARA, SLBE, THST VOYA
Caudata	Ambystomatidae	Ambystoma annulatum	BUFF, OZAR
Caudata	Ambystomatidae	Ambystoma jeffersonianum	CUVA, HAFE, HOCU, INDU, MABI, MANA, SAGA, SARA
Caudata	Ambystomatidae	Ambystoma laterale	APIS, GRPO, INDU, ISRO PIRO, SACN, SARA, SLBE, VOYA
Caudata	Ambystomatidae	Ambystoma mabeei	COLO
Caudata	Ambystomatidae	Ambystoma maculatum	ACAD, APIS, BUFF, CATO, COLO, CUVA, GEWA, HAFE, HOSP, MABI, MANA, MIMA, MORR, OZAR, PERI, PIRO, PRWI, SACN, SAGA, SARA, SLBE THST
Caudata	Ambystomatidae	Ambystoma mavortium	TAPR
Caudata	Ambystomatidae	Ambystoma opacum	ARPO, CATO, COLO, GEWA, LIBO, MANA, PRWI
Caudata	Ambystomatidae	Ambystoma texanum	LIBO
Caudata	Ambystomatidae	Ambystoma tigrinum	GWCA, INDU, PIPE, SACN
Caudata	Ambystomatidae	Ambystoma tremblayi	INDU
Caudata	Amphiumidae	Amphiuma means	COLO
Caudata	Cryptobranchidae	Cryptobranchus alleganiensis	OZAR
Caudata	Plethodontidae	Desmognathus brimleyorum	HOSP
Caudata	Plethodontidae	Desmognathus fuscus	ACAD, ANTI CATO, COLO, CUVA, HAFE, MABI, MANA, MORR, SAGA, THST
Caudata	Plethodontidae	Desmognathus monticola	HAFE
Caudata	Plethodontidae	Eurycea bislineata	ACAD, ANTI, CATO, CUVA, HAFE, HOCU, MABI, MANA, MORR, PRWI, SAGA SARA THST
Caudata	Plethodontidae	Eurycea cirrigera	COLO
Caudata	Plethodontidae	Eurycea guttolineata	COLO
Caudata	Plethodontidae	Eurycea longicauda	ANTI, BUFF, CATO, CUVA, PERI, WICR
Caudata	Plethodontidae	Eurycea lucifuga	BUFF, OZAR, PERI, WICR
Caudata	Plethodontidae	Eurycea multiplicata	BUFF, PERI
Caudata	Plethodontidae	Eurycea spelaea	BUFF, OZAR, WICR
Caudata	Plethodontidae	Gyrinophilus porphyriticus	CATO, HAFE
Caudata	Plethodontidae	Hemidactylium scutatum	ACAD, APIS, CATO, COLO, GEWA, INDU, MANA, OZAR, PIRO, PRWI, SACN SLBE
Caudata	Plethodontidae	Plethodon albagula	BUFF, OZAR, PERI, WICR
Caudata	Plethodontidae	Plethodon angusticlavius	BUFF
Caudata	Plethodontidae	Plethodon chlorobryonis	COLO
Caudata	Plethodontidae	Plethodon cinereus	ANTI, APIS, CATO, COLO, CUVA, GRPO, HAFE, HOCU, INDU, LIBO, MABI MANA, MIMA MORR, PIRO SACN, SAGA SARA SLBE THST
Caudata	Plethodontidae	Plethodon cylindraceus	PRWI
Caudata	Plethodontidae	Plethodon dorsalis	PERI
Caudata	Plethodontidae	Plethodon electromorphus	HOCU
Caudata	Plethodontidae	Plethodon glutinosus	ANTI, CATO, CUVA, LIBO, MANA, MORR
Caudata	Plethodontidae	Plethodon hoffmani	HAFE
Caudata	Plethodontidae	Plethodon kisatchie	ARPO
Caudata	Plethodontidae	Plethodon serratus	OZAR
Caudata	Plethodontidae	Pseudotriton montanus	COLO
Caudata	Plethodontidae	Pseudotriton ruber	CATO, COLO CUVA, HAFE, MORR, THST
Caudata	Proteidae	Necturus maculosus	BUFF, SACN, SLBE
Caudata	Salamandridae	Notophthalmus viridescens	ACAD, APIS, BUFF, CATO, CUVA, GEWA, GWCA, HAFE, HOCU, INDU, ISRO, MABI, MANA, MORR, OZAR, PERI, PIRO, SACN, SAGA, SLBE, VOYA
Caudata	Sirenidae	Siren intermedia	OZAR

Reptiles

OrderName	FamilyName	Genus Species	Park Codes
Crocodilia	Alligatoridae	Alligator mississippiensis	ARPO
Squamata	Anguidae	Ophisaurus attenuatus	INDU, WICR
Squamata	Colubridae	Carphophis amoenus	GEWA, HAFE, MANA, THST
Squamata	Colubridae	Carphophis vermis	BUFF, HOSP, OZAR, PERI, WICR
Squamata	Colubridae	Cemophora coccinea	COLO
Squamata	Colubridae	Coluber constrictor	ARPO, BUFF, CUVA, GEWA, HAFE, HOCU, HOME, INDU, LIBO, MANA, MIMA, MISS, PERI, SACN, TAPR, THST, WICR
Squamata	Colubridae	Diadophis punctatus	ACAD, ANTI, APIS, BUFF, CATO, CUVA, EFMO, GEWA, HAFE, INDU, MANA, MORR, OZAR, PERI, SACN, SLBE, TAPR, THST, WICR
Squamata	Colubridae	Elaphe alleghaniensis	PRWI
Squamata	Colubridae	Elaphe guttata	BUFF, TAPR
Squamata	Colubridae	Elaphe obsoleta	ANTI, ARPO, BUFF, CATO, CUVA, EFMO, GEWA, HAFE, HOCU, MANA, OZAR, PERI, TAPR, THST, WICR
Squamata	Colubridae	Elaphe vulpina	HEHO, INDU, MISS, SACN
Squamata	Colubridae	Farancia erytrogramma	COLO
Squamata	Colubridae	Heterodon nasicus	MISS
Squamata	Colubridae	Heterodon platirhinos	BUFF, CATO, COLO, HOSP, INDU, MANA, MISS, OZAR, PERI, PRWI, SACN, SLBE
Squamata	Colubridae	Lampropeltis calligaster	BUFF, MANA, OZAR, PERI, TAPR, WICR
Squamata	Colubridae	Lampropeltis getula	ARPO, BUFF, GEWA, HOCU, HOSP, OZAR, PERI, TAPR, WICR
Squamata	Colubridae	Lampropeltis triangulum	ANTI, ARPO, BUFF, CATO, COLO, CUVA, EFMO, GWCA, HAFE, HOCU, INDU, MABI, MIMA, MISS, MORR, OZAR, PERI, SACN, SARA, SLBE, TAPR
Squamata	Colubridae	Masticophis flagellum	BUFF
Squamata	Colubridae	Nerodia cyclopion	ARPO
Squamata	Colubridae	Nerodia erythrogaster	ARPO, BUFF, COLO, HOSP, PERI, TAPR
Squamata	Colubridae	Nerodia fasciata	ARPO
Squamata	Colubridae	Nerodia rhombifer	ARPO, OZAR
Squamata	Colubridae	Nerodia sipedon	ANTI, BUFF, CATO, CUVA, EFMO, GEWA, HAFE, HOCU, HOME, HOSP, INDU, LIBO, MANA, MIMA, MISS, MORR, OZAR, PERI, SACN, SARA, SLBE, TAPR
Squamata	Colubridae	Nerodia taxispilota	COLO
Squamata	Colubridae	Opheodrys aestivus	ARPO, BUFF, GWCA, HAFE, HOSP, LIBO, OZAR, WICR
Squamata	Colubridae	Opheodrys vernalis	ACAD, APIS, CUVA, HAFE, HEHO, PIRO, SACN, SLBE
Squamata	Colubridae	Pituophis catenifer	GWCA, HEHO, HOME, MISS, TAPR
Squamata	Colubridae	Regina grahamii	ARPO
Squamata	Colubridae	Regina septemvittata	ANTI, MANA, PRWI
Squamata	Colubridae	Storeria dekayi	CUVA, EFMO, GEWA, GWCA, HEHO, HOCU, HOME, HOSP, INDU, LIBO, MANA, OZAR, SACN, SARA, WICR
Squamata	Colubridae	Storeria occipitomaculata	ACAD, APIS, BUFF, CATO, COLO, EFMO, HOSP, INDU, ISRO, MABI, MANA, MISS, OZAR, PERI, PIRO, PRWI, SACN, SARA, SLBE, VOYA
Squamata	Colubridae	Tantilla gracilis	HOSP, OZAR, TAPR
Squamata	Colubridae	Thamnophis proximus	ARPO, BUFF, HEHO, INDU, OZAR, PERI, TAPR
Squamata	Colubridae	Thamnophis radix	EFMO, HEHO, INDU, MISS, PIPE
Squamata	Colubridae	Thamnophis sauritus	COLO, CUVA, INDU, MIMA, SARA, SLBE
Squamata	Colubridae	Thamnophis sirtalis	ACAD, ANTI, APIS, BUFF, CATO, CUVA, GRPO, GWCA, HAFE, HEHO, HOCU, HOME, HOSP, INDU, ISRO, LIBO, MABI, MANA, MIMA, MISS, MORR, OZAR, PERI, PIRO, PRWI, SACN, SAGA, SARA, SLBE, TAPR, VOYA, WICR
Squamata	Colubridae	Tropidoclonion lineatum	TAPR
Squamata	Colubridae	Virginia striatula	BUFF, COLO, OZAR
Squamata	Colubridae	Virginia valeriae	BUFF, MANA, OZAR
Squamata	Crotaphytidae	Crotaphytus collaris	BUFF, OZAR, TAPR
Squamata	Phrynosomatidae	Phrynosoma cornutum	TAPR
Squamata	Phrynosomatidae	Sceloporus undulatus	ARPO, BUFF, GWCA, HAFE, LIBO, OZAR, PERI, THST, WICR
Squamata	Polychrotidae	Anolis carolinensis	ARPO, HOSP
Squamata	Scincidae	Eumeces anthracinus	BUFF, OZAR
Squamata	Scincidae	Eumeces fasciatus	ARPO, BUFF, CATO, COLO, EFMO, GEWA, HAFE, LIBO, MANA, OZAR, PERI, PRWI, SACN, SLBE, THST, WICR
Squamata	Scincidae	Eumeces inexpectatus	MANA
Squamata	Scincidae	Eumeces laticeps	ARPO, BUFF, COLO, GWCA, HAFE, MANA, OZAR, PERI, PRWI, WICR
Squamata	Scincidae	Eumeces obsoletus	TAPR
Squamata	Scincidae	Eumeces septentrionalis	PIPE, SACN
Squamata	Scincidae	Scincella lateralis	ARPO, BUFF, COLO, GEWA, OZAR, PERI, WICR
Squamata	Teiidae	Cnemidophorus sexlineatus	BUFF, COLO, GEWA, HOSP, INDU, MISS, OZAR, PRWI, SACN, WICR
Squamata	Viperidae	Agkistrodon contortrix	ANTI, ARPO, BUFF, CATO, COLO, HOSP, MANA, OZAR, PERI, WICR
Squamata	Viperidae	Agkistrodon piscivorus	ARPO, BUFF, COLO, HOSP, OZAR
Squamata	Viperidae	Crotalus horridus	CATO, MISS, OZAR, SACN
Squamata	Viperidae	Sistrurus catenatus	INDU, TAPR
Squamata	Viperidae	Sistrurus miliarius	BUFF, OZAR, PERI
Testudines	Chelydridae	Chelydra serpentina	ACAD, ANTI, APIS, ARPO, BUFF, CUVA, EFMO, GEWA, GWCA, HAFE, HEHO, HOCU, HOME, HOSP, INDU, LIBO, MABI, MANA, MIMA, MISS, MORR, OZAR, PERI, PIPE, PIRO, SACN, SAGA, SLBE, TAPR, VOYA, WICR
Testudines	Chelydridae	Macrochelys temminckii	BUFF

Testudines	Emydidae	Chrysemys picta	ACAD, ANTI, APIS, CUVA, EFMO, GEWA, GWCA, HOME, INDU, ISRO, LIBO, MABI, MIMA, MISS, PIRO, SACN, SAGA, SARA, SLBE, TAPR, THST VOYA
Testudines	Emydidae	Clemmys guttata	CATO, COLO, INDU, MANA, MIMA, PRWI
Testudines	Emydidae	Emydoidea blandingii	CUVA, INDU, MIMA, MISS, SACN, SLBE
Testudines	Emydidae	Glyptemys insculpta	CATO, HAFE, MISS, MORR, PIRO, SACN, SAGA, SARA, SLBE
Testudines	Emydidae	Graptemys geographica	ARPO, BUFF, HOCU, INDU, OZAR, SACN, SARA, WICR
Testudines	Emydidae	Graptemys ouachitensis	BUFF
Testudines	Emydidae	Graptemys pseudogeographica	EFMO, HOCU, SACN
Testudines	Emydidae	Malaclemys terrapin	GEWA
Testudines	Emydidae	Pseudemys concinna	ARPO, BUFF, HOSP
Testudines	Emydidae	Pseudemys rubriventris	ANTI, GEWA, HAFE, MANA, PRWI
Testudines	Emydidae	Terrapene carolina	ANTI, ARPO, BUFF, CATO, COLO, CUVA, GEWA, HAFE, HOCU, INDU, LIBO, MANA, MORR, OZAR, PERI, SARA, SLBE, THST, WICR
Testudines	Emydidae	Terrapene ornata	GWCA, TAPR
Testudines	Emydidae	Trachemys scripta	ARPO, HOSP, LIBO, MANA, OZAR, TAPR, WICR
Testudines	Kinosternidae	Kinosternon baurii	COLO
Testudines	Kinosternidae	Kinosternon subrubrum	ARPO, COLO, GEWA, MANA
Testudines	Kinosternidae	Sternotherus carinatus	ARPO
Testudines	Kinosternidae	Sternotherus odoratus	ARPO, BUFF, COLO, CUVA, GEWA, HAFE, HOSP, INDU, MANA, MIMA, MORR, OZAR, PRWI
Testudines	Trionychidae	Apalone mutica	BUFF, EFMO, MISS, SACN
Testudines	Trionychidae	Apalone spinifera	CUVA, GWCA, INDU, OZAR, SACN, TAPR

Birds

OrderName	FamilyName	Genus Species	Park Codes
Anseriformes	Anatidae	Aix sponsa	ACAD, ANTI, APIS, BUFF, CUVA, EFMO, FIIS, GATE, GEWA, GRPO, GWCA, HAFE, HOCU, INDU, ISRO, MABI, MANA, MIMA, MISS, MORR, OZAR, PIPE, PIRO, PRWI, SACN, SLBE,
Anseriformes	Anatidae	Anas acuta	ACAD, APIS, BUFF, CUVA, EFMO, FIIS, GATE, GEWA, HOCU, INDU, ISRO, MISS, MORR, SACN, SLBE, TAPR, VOYA
Anseriformes	Anatidae	Anas americana	ACAD, APIS, BUFF, CUVA, EFMO, FIIS, GATE, GEWA, GWCA, HOCU, INDU, ISRO, MISS, OZAR, SACN, SLBE, TAPR, VOYA
Anseriformes	Anatidae	Anas clypeata	APIS, BUFF, CUVA, EFMO, FIIS, GATE, GEWA, GRPO, GWCA, HOME, INDU, ISRO, MISS, MORR, OZAR, PIPE, PIRO, SACN, SLBE, VOYA
Anseriformes	Anatidae	Anas crecca	ACAD, APIS, BUFF, CUVA, EFMO, FIIS, GATE, GEWA, GRPO, GWCA, HAFE, HOCU, HOSP, INDU, ISRO, MISS, MORR, OZAR, SACN, SLBE, TAPR, VOYA
Anseriformes	Anatidae	Anas cyanoptera	GATE, MISS, SACN
Anseriformes	Anatidae	Anas discors	ACAD, APIS, BUFF, CUVA, EFMO, FIIS, GATE, GEWA, GRPO, GWCA, HOCU, INDU, ISRO, MISS, MORR, OZAR, PIPE, PIRO, SACN, SLBE, TAPR, VOYA
Anseriformes	Anatidae	Anas penelope	ACAD, FIIS, GATE
Anseriformes	Anatidae	Anas platyrhynchos	ACAD, ANTI, APIS, ARPO, BUFF, CUVA, EFMO, FIIS, GATE, GEWA, GRPO, GWCA, HAFE, HEHO, HOCU, INDU, ISRO, LIBO, MABI, MANA, MIMA, MISS, MORR, OZAR, PIPE, PIRO, PRWI, SACN, SAIR, SLBE, TAPR, THST, VOYA
Anseriformes	Anatidae	Anas rubripes	ACAD, APIS, CUVA, EFMO, FIIS, GATE, GEWA, GRPO, HAFE, HOCU, INDU, ISRO, MIMA, MISS, MORR, PIRO, SACN, SLBE, VOYA
Anseriformes	Anatidae	Anas strepera	ACAD, APIS, BUFF, CUVA, FIIS, GATE, GEWA, GRPO, GWCA, INDU, ISRO, MISS, OZAR, SACN, SLBE, TAPR, VOYA
Anseriformes	Anatidae	Anser albifrons	ACAD, ARPO, GATE, GEWA, GWCA, ISRO, MISS, SACN, TAPR
Anseriformes	Anatidae	Aythya affinis	APIS, BUFF, CUVA, EFMO, FIIS, GATE, GEWA, GRPO, HOCU, HOME, INDU, ISRO, MISS, OZAR, PIRO, SACN, SLBE, TAPR, VOYA
Anseriformes	Anatidae	Aythya americana	APIS, ARPO, BUFF, CUVA, EFMO, FIIS, GATE, GEWA, HOCU, INDU, ISRO, MISS, SACN, SLBE, TAPR
Anseriformes	Anatidae	Aythya collaris	ACAD, APIS, BUFF, CUVA, EFMO, FIIS, GATE, GEWA, GRPO, GWCA, HOCU, INDU, ISRO, MISS, MORR, SACN, SLBE, TAPR, VOYA
Anseriformes	Anatidae	Aythya fuligula	GATE
Anseriformes	Anatidae	Aythya marila	ACAD, APIS, CUVA, FIIS, GATE, GEWA, INDU, ISRO, MISS, SACN, SLBE, VOYA
Anseriformes	Anatidae	Aythya valisineria	ACAD, APIS, BUFF, CUVA, EFMO, FIIS, GATE, GEWA, HAFE, HOCU, INDU, ISRO, MISS, SACN, SLBE, TAPR, VOYA
Anseriformes	Anatidae	Branta bernicla	FIIS, GATE, INDU
Anseriformes	Anatidae	Branta canadensis	ACAD, ANTI, APIS, BUFF, CUVA, EFMO, FIIS, GATE, GEWA, GRPO, GWCA, HAFE, HEHO, HOCU, HOME, HOSP, INDU, ISRO, LIBO, MANA, MIMA, MISS, OZAR, PIPE, PIRO, PRWI, SACN, SAIR, SLBE, TAPR, THST, VOYA, WEFA
Anseriformes	Anatidae	Bucephala albeola	ACAD, APIS, BUFF, CUVA, EFMO, FIIS, GATE, GEWA, GRPO, GWCA, HAFE, HOCU, INDU, ISRO, MISS, OZAR, PIRO, SACN, SLBE, TAPR, VOYA
Anseriformes	Anatidae	Bucephala clangula	ACAD, APIS, BUFF, CUVA, EFMO, FIIS, GATE, GEWA, GRPO, HAFE, HOCU, INDU, ISRO, MISS, MORR, OZAR, PIRO, SACN, SLBE, TAPR, VOYA
Anseriformes	Anatidae	Bucephala islandica	FIIS, MISS, SLBE
Anseriformes	Anatidae	Chen caerulescens	ACAD, APIS, BUFF, CUVA, EFMO, FIIS, GATE, GEWA, GRPO, GWCA, HOCU, HOME, HOSP, INDU, ISRO, MISS, MORR, OZAR, PIPE, SACN, SLBE, TAPR, VOYA
Anseriformes	Anatidae	Clangula hyemalis	APIS, FIIS, GATE, GEWA, GRPO, INDU, ISRO, MISS, SLBE, VOYA
Anseriformes	Anatidae	Cygnus buccinator	BUFF, MISS, OZAR, SACN, VOYA
Anseriformes	Anatidae	Cygnus columbianus	APIS, CUVA, EFMO, FIIS, GATE, GEWA, GRPO, INDU, ISRO, MISS, PIRO, PRWI, SACN, SLBE, THST, VOYA
Anseriformes	Anatidae	Cygnus olor	CUVA, FIIS, GATE, GEWA, GRPO, HOCU, INDU, ISRO, MISS, MORR, SACN, SLBE
Anseriformes	Anatidae	Histrionicus histrionicus	ACAD, FIIS, GATE, GRPO, INDU, ISRO
Anseriformes	Anatidae	Lophodytes cucullatus	ACAD, APIS, BUFF, CUVA, EFMO, FIIS, GATE, GEWA, GRPO, HOCU, INDU, ISRO, MANA, MISS, MORR, OZAR, PIRO, PRWI, SACN, SLBE, THST, VOYA
Anseriformes	Anatidae	Melanitta fusca	CUVA, FIIS, GATE, GEWA, INDU, ISRO, MISS, SLBE, VOYA
Anseriformes	Anatidae	Melanitta nigra	FIIS, GATE, GEWA, INDU, ISRO, MISS
Anseriformes	Anatidae	Melanitta perspicillata	FIIS, GATE, GEWA, INDU, ISRO, MISS, SLBE, VOYA

Anseriformes	Anatidae	Mergus merganser	ACAD, ANTI, APIS, BUFF, CUVA, EFMO, FIIS, GATE, GEWA, GRPO, HAFE, HOCU, INDU, ISRO, MABI, MISS, MORR, OZAR, PIRO, SACN, SLBE, VOYA
Anseriformes	Anatidae	Mergus serrator	ACAD, APIS, CUVA, EFMO, FIIS, GATE, GEWA, GRPO, HOCU, INDU, ISRO, MANA, MISS, PIRO, SACN, SLBE, VOYA
Anseriformes	Anatidae	Oxyura jamaicensis	BUFF, CUVA, EFMO, FIIS, GATE, GEWA, GRPO, INDU, ISRO, MISS, SACN, SLBE, VOYA
Anseriformes	Anatidae	Somateria mollissima	ACAD, FIIS, GATE
Anseriformes	Anatidae	Somateria spectabilis	FIIS, GATE, INDU
Anseriformes	Dendrocygnidae	Dendrocygna autumnalis	GATE
Anseriformes	Dendrocygnidae	Dendrocygna bicolor	FIIS, GATE
Apodiformes	Apodidae	Aeronautes saxatalis	BUFF
Apodiformes	Apodidae	Chaetura pelagica	ACAD, ANTI, APIS, ARPO, BUFF, CATO, CUVA, EFMO, FIIS, GATE, GEWA, GRPO, GWCA, HAFE, HEHO, HOCU, HOME, HOSP, INDU, ISRO, LIBO, MABI, MANA, MIMA, MISS, OZAR, PIPE, PIRO, PRWI, SACN, SAIR, SLBE, TAPR, THST, VOYA, WEFA
Charadriiformes	Scolopacidae	Gallinago delicata	APIS, FIIS, GATE, MISS
Ciconiiformes	Accipitridae	Accipiter cooperii	ACAD, ANTI, APIS, BUFF, CATO, CUVA, EFMO, FIIS, GATE, GEWA, GRPO, GWCA, HAFE, HOCU, INDU, ISRO, MANA, MISS, MORR, OZAR, PIRO, SACN, SLBE, THST, VOYA
Ciconiiformes	Accipitridae	Accipiter gentilis	ACAD, APIS, CUVA, EFMO, FIIS, GATE, GRPO, HAFE, INDU, ISRO, MISS, OZAR, PIRO, SACN, SLBE, VOYA
Ciconiiformes	Accipitridae	Accipiter striatus	ACAD, ANTI, APIS, BUFF, CATO, CUVA, EFMO, FIIS, GATE, GEWA, GRPO, GWCA, HAFE, HOCU, HOSP, INDU, ISRO, MANA, MISS, MORR, OZAR, PIRO, PRWI, SACN, SLBE, THST, VOYA, WEFA
Ciconiiformes	Accipitridae	Aquila chrysaetos	ACAD, APIS, BUFF, CATO, EFMO, FIIS, GATE, GRPO, HAFE, HOSP, INDU, ISRO, MISS, OZAR, SACN, VOYA
Ciconiiformes	Accipitridae	Buteo jamaicensis	ACAD, ANTI, APIS, ARPO, BUFF, CATO, CUVA, EFMO, FIIS, GATE, GEWA, GRPO, GWCA, HAFE, HEHO, HOCU, HOME, HOSP, INDU, ISRO, MANA, MIMA, MISS, OZAR, PIPE, PIRO, PRWI, SACN, SLBE, TAPR, THST, VOYA, WEFA, WICR
Ciconiiformes	Accipitridae	Buteo lagopus	ACAD, APIS, BUFF, CUVA, EFMO, FIIS, GATE, GRPO, GWCA, HOCU, HOME, INDU, ISRO, MISS, PIRO, SACN, SLBE, TAPR, VOYA
Ciconiiformes	Accipitridae	Buteo lineatus	ACAD, ANTI, APIS, ARPO, BUFF, CATO, CUVA, EFMO, FIIS, GATE, GEWA, GWCA, HAFE, HOSP, INDU, ISRO, MANA, MISS, MORR, OZAR, PIRO, PRWI, SACN, SLBE, THST, WEFA
Ciconiiformes	Accipitridae	Buteo platypterus	ACAD, ANTI, APIS, ARPO, BUFF, CATO, CUVA, EFMO, FIIS, GATE, GRPO, GWCA, HAFE, HOCU, HOSP, INDU, ISRO, MABI, MANA, MIMA, MISS, MORR, OZAR, PERI, PIPE, PIRO, PRWI, SACN, SLBE, VOYA, WEFA
Ciconiiformes	Accipitridae	Buteo regalis	APIS
Ciconiiformes	Accipitridae	Buteo swainsoni	EFMO, GWCA, MISS, PIPE, TAPR
Ciconiiformes	Accipitridae	Circus cyaneus	ACAD, ANTI, APIS, BUFF, CUVA, EFMO, FIIS, GATE, GEWA, GRPO, GWCA, HOCU, HOME, INDU, ISRO, MANA, MISS, MORR, OZAR, PERI, PIPE, PIRO, SACN, SLBE, TAPR, VOYA
Ciconiiformes	Accipitridae	Elanoides forficatus	GATE, SACN
Ciconiiformes	Accipitridae	Haliaeetus leucocephalus	ACAD, APIS, BUFF, CUVA, EFMO, FIIS, GATE, GEWA, GRPO, GWCA, HAFE, HOCU, HOSP, INDU, ISRO, MANA, MISS, MORR, OZAR, PIRO, PRWI, SACN, SLBE, TAPR, THST, VOYA
Ciconiiformes	Accipitridae	Ictinia mississippiensis	ARPO, CUVA, EFMO, GATE, ISRO, LIBO
Ciconiiformes	Accipitridae	Pandion haliaetus	ACAD, ANTI, APIS, BUFF, CUVA, EFMO, FIIS, GATE, GEWA, GRPO, GWCA, HAFE, HOCU, HOSP, INDU, ISRO, MANA, MISS, MORR, OZAR, PIRO, PRWI, SACN, SLBE, VOYA
Ciconiiformes	Ardeidae	Ardea alba	ACAD, ANTI, APIS, ARPO, BUFF, CUVA, EFMO, FIIS, GATE, GEWA, HAFE, HOCU, INDU, MORR, OZAR, SACN, SLBE
Ciconiiformes	Ardeidae	Ardea herodias	ACAD, ANTI, APIS, ARPO, BUFF, CATO, CUVA, EFMO, FIIS, GATE, GEWA, GRPO, GWCA, HAFE, HEHO, HOCU, HOME, HOSP, INDU, ISRO, MANA, MIMA, MISS, MORR, OZAR, PERI, PIPE, PIRO, PRWI, SACN, SAIR, SLBE, TAPR, THST, VOYA, WICR
Ciconiiformes	Ardeidae	Botaurus lentiginosus	ACAD, APIS, BUFF, CUVA, EFMO, FIIS, GATE, GRPO, HOCU, INDU, ISRO, MISS, MORR, PIRO, SACN, SLBE, VOYA
Ciconiiformes	Ardeidae	Bubulcus ibis	ARPO, BUFF, CUVA, FIIS, GATE, GEWA, GRPO, GWCA, INDU, MISS, OZAR, TAPR
Ciconiiformes	Ardeidae	Butorides striata	CUVA, GEWA, GWCA, HOCU, LIBO, MISS, MORR, OZAR, PIPE

Ciconiiformes	Ardeidae	Butorides virescens	ACAD, ANTI, APIS, BUFF, CATO, EFMO, FIIS, GATE, GEWA, HAFE, INDU, MANA, MISS, MORR, SACN, SLBE, TAPR
Ciconiiformes	Ardeidae	Egretta caerulea	ACAD, BUFF, CUVA, FIIS, GATE, GRPO, GWCA, HOSP, INDU, MORR, OZAR, SACN
Ciconiiformes	Ardeidae	Egretta rufescens	GATE
Ciconiiformes	Ardeidae	Egretta thula	ACAD, BUFF, FIIS, GATE
Ciconiiformes	Ardeidae	Egretta tricolor	ACAD, ARPO, FIIS, GATE
Ciconiiformes	Ardeidae	Ixobrychus exilis	ACAD, APIS, CUVA, FIIS, GATE, INDU, MISS, PIRO, SACN, SLBE
Ciconiiformes	Ardeidae	Nyctanassa violacea	ACAD, BUFF, FIIS, GATE, GWCA, INDU, MISS, SACN, SLBE, WICR
Ciconiiformes	Ardeidae	Nycticorax nycticorax	ACAD, APIS, BUFF, CUVA, EFMO, FIIS, GATE, GEWA, INDU, ISRO, MANA, MISS, MORR, OZAR, SACN, SAIR
Ciconiiformes	Ardeidae	Nycticorax violaceus	ACAD, BUFF, OZAR
Ciconiiformes	Charadriidae	Charadrius melodus	APIS, FIIS, GATE, INDU, MISS, PIRO, SLBE, VOYA
Ciconiiformes	Charadriidae	Charadrius semipalmatus	APIS, CUVA, FIIS, GATE, GRPO, INDU, ISRO, MISS, MORR, SACN, SLBE, VOYA
Ciconiiformes	Charadriidae	Charadrius vociferus	ACAD, ANTI, APIS, BUFF, CUVA, EFMO, FIIS, GATE, GEWA, GRPO, GWCA, HAFE, HEHO, HOCU, HOME, HOSP, INDU, ISRO, LIBO, MANA, MIMA, MISS, MORR, OZAR, PIPE, PIRO, PRWI, SACN, SLBE, TAPR THST, VOYA, WICR
Ciconiiformes	Charadriidae	Charadrius wilsonia	FIIS, GATE
Ciconiiformes	Charadriidae	Haematopus palliatus	FIIS, GATE
Ciconiiformes	Charadriidae	Himantopus mexicanus	GATE
Ciconiiformes	Charadriidae	Pluvialis dominica	APIS, FIIS, GATE, GRPO, INDU, ISRO, MISS, VOYA
Ciconiiformes	Charadriidae	Pluvialis squatarola	ACAD, APIS, CUVA, FIIS, GATE, GRPO, INDU, ISRO, MISS, SLBE
Ciconiiformes	Charadriidae	Recurvirostra americana	ACAD, BUFF, GATE, INDU, MISS, PIRO
Ciconiiformes	Ciconiidae	Cathartes aura	ACAD, ANTI, APIS, BUFF, CATO, CUVA, EFMO, FIIS, GATE, GEWA, GRPO, GWCA, HAFE, HEHO, HOCU, HOME, HOSP, INDU, ISRO, MANA, MISS, MORR, OZAR, PERI, PIRO, PRWI, SACN, SLBE, TAPR, THST, VOYA, WICR
Ciconiiformes	Ciconiidae	Coragyps atratus	ANTI, BUFF, CATO, CUVA, GATE, GEWA, HAFE, HOCU, HOSP, MANA, OZAR, PRWI, THST
Ciconiiformes	Ciconiidae	Mycteria americana	GATE
Ciconiiformes	Falconidae	Falco columbarius	ACAD, APIS, BUFF, CUVA, EFMO, FIIS, GATE, GRPO, GWCA, INDU, ISRO, MANA, MISS, MORR, OZAR, PIRO, SACN, SLBE, TAPR, THST, VOYA
Ciconiiformes	Falconidae	Falco peregrinus	ACAD, APIS, BUFF, CUVA, EFMO, FIIS, GATE, GRPO, HAFE, INDU, ISRO, MISS, MORR, PIRO, SACN, VOYA
Ciconiiformes	Falconidae	Falco rusticolus	ACAD, FIIS, GATE, GRPO, ISRO, VOYA
Ciconiiformes	Falconidae	Falco sparverius	ACAD, ANTI, APIS, BUFF, CATO, CUVA, EFMO, FIIS, GATE, GEWA, GRPO, GWCA, HEHO, HOCU, HOME, HOSP, INDU, ISRO, MANA, MIMA, MISS, MORR, OZAR, PIPE, PIRO, PRWI, SACN, SLBE, TAPR, THST VOYA, WICR
Ciconiiformes	Fregatidae	Fregata magnificens	FIIS, GATE
Ciconiiformes	Gaviidae	Gavia immer	ACAD, APIS, BUFF, CATO, CUVA, FIIS, GATE, GEWA, GRPO, INDU, ISRO, MABI, MANA, MISS, MORR, PIRO, SACN, SLBE, VOYA
Ciconiiformes	Gaviidae	Gavia pacifica	GATE, INDU
Ciconiiformes	Gaviidae	Gavia stellata	APIS, FIIS, GATE, GEWA, INDU, ISRO, PIRO, SLBE, VOYA
Ciconiiformes	Laridae	Alca torda	FIIS, GATE
Ciconiiformes	Laridae	Alle alle	FIIS
Ciconiiformes	Laridae	Brachyramphus marmoratus	INDU
Ciconiiformes	Laridae	Cepphus grylle	ACAD, GATE
Ciconiiformes	Laridae	Chlidonias niger	APIS, CUVA, EFMO, FIIS, GATE, INDU, ISRO, MISS, PIPE, SACN, VOYA
Ciconiiformes	Laridae	Larus	TAPR
Ciconiiformes	Laridae	Larus argentatus	ACAD, APIS, ARPO, CUVA, EFMO, FIIS, GATE, GEWA, GRPO, HAFE, INDU, ISRO, MIMA, MISS, MORR, PIRO, PRWI, SACN, SAIR, SLBE, THST, VOYA
Ciconiiformes	Laridae	Larus atricilla	ACAD, FIIS, GATE, GEWA, HAFE, INDU, THST
Ciconiiformes	Laridae	Larus delawarensis	ACAD, ANTI, APIS, BUFF, CATO, CUVA, EFMO, FIIS, GATE, GEWA, GRPO, HAFE, HOCU, INDU, ISRO, MANA, MISS, MORR, PIRO, PRWI, SACN, SLBE, THST, VOYA
Ciconiiformes	Laridae	Larus eburnea	MISS
Ciconiiformes	Laridae	Larus fuscus	FIIS, GATE, INDU
Ciconiiformes	Laridae	Larus glaucoides	FIIS, GATE, INDU, ISRO
Ciconiiformes	Laridae	Larus hyperboreus	FIIS, GATE, INDU, ISRO
Ciconiiformes	Laridae	Larus marinus	ACAD, CUVA, FIIS, GATE, GEWA, INDU, SAIR
Ciconiiformes	Laridae	Larus minutus	FIIS, GATE, INDU
Ciconiiformes	Laridae	Larus philadelphia	APIS, CUVA, FIIS, GATE, INDU, ISRO, MISS, PIRO, SACN, SLBE, VOYA
Ciconiiformes	Laridae	Larus pipixcan	APIS, HOME, INDU, MISS, PIPE, VOYA
Ciconiiformes	Laridae	Larus ridibundus	FIIS, GATE, INDU
Ciconiiformes	Laridae	Larus thayeri	INDU
Ciconiiformes	Laridae	Rissa tridactyla	FIIS, GATE, INDU

Ciconiiformes	Laridae	Rynchops niger	FIIS, GATE
Ciconiiformes	Laridae	Stercorarius longicaudus	FIIS, INDU, ISRO
Ciconiiformes	Laridae	Stercorarius maccormicki	FIIS
Ciconiiformes	Laridae	Stercorarius parasiticus	FIIS, GATE, INDU
Ciconiiformes	Laridae	Stercorarius pomarinus	FIIS, GATE, INDU
Ciconiiformes	Laridae	Stercorarius skua	FIIS
Ciconiiformes	Laridae	Sterna antillarum	ARPO, FIIS, GATE
Ciconiiformes	Laridae	Sterna caspia	APIS, FIIS, GATE, GEWA, HOCU, INDU, ISRO, MISS, SACN, SLBE, VOYA
Ciconiiformes	Laridae	Sterna dougallii	FIIS, GATE
Ciconiiformes	Laridae	Sterna forsteri	APIS, EFMO, FIIS, GATE, GEWA, INDU, MISS, SACN
Ciconiiformes	Laridae	Sterna fuscata	FIIS, GATE
Ciconiiformes	Laridae	Sterna hirundo	ACAD, APIS, EFMO, FIIS, GATE, GEWA, GRPO, INDU, ISRO, MISS, SACN, SLBE, VOYA
Ciconiiformes	Laridae	Sterna maxima	FIIS, GATE, GEWA
Ciconiiformes	Laridae	Sterna nilotica	FIIS, GATE, INDU
Ciconiiformes	Laridae	Sterna paradisaea	FIIS, GATE
Ciconiiformes	Laridae	Sterna sandvicensis	FIIS
Ciconiiformes	Laridae	Uria aalge	FIIS
Ciconiiformes	Laridae	Uria lomvia	FIIS, GATE
Ciconiiformes	Laridae	Xema sabini	FIIS, INDU
Ciconiiformes	Pelecanidae	Pelecanus erythrorhynchos	APIS, BUFF, EFMO, GATE, GWCA, INDU, ISRO, MISS, OZAR, SACN, TAPR, VOYA
Ciconiiformes	Pelecanidae	Pelecanus occidentalis	FIIS, GATE
Ciconiiformes	Phalacrocoracidae	Phalacrocorax auritus	ACAD, APIS, ARPO, BUFF, CUVA, EFMO, FIIS, GATE, GEWA, GRPO, GWCA, HAFE, HEHO, HOCU, INDU, ISRO, MANA, MISS, PIRO, SACN, SLBE, VOYA
Ciconiiformes	Phalacrocoracidae	Phalacrocorax carbo	FIIS, GATE
Ciconiiformes	Podicipedidae	Aechmophorus clarkii	MISS
Ciconiiformes	Podicipedidae	Aechmophorus occidentalis	INDU, MISS, VOYA
Ciconiiformes	Podicipedidae	Podiceps auritus	APIS, CUVA, FIIS, GATE, GEWA, GRPO, HOCU, INDU, ISRO, MISS, PIRO, SACN, SLBE, VOYA
Ciconiiformes	Podicipedidae	Podiceps grisegena	APIS, CUVA, FIIS, GATE, GEWA, INDU, ISRO, MISS, PIRO, SACN, VOYA
Ciconiiformes	Podicipedidae	Podiceps nigricollis	FIIS, GATE, INDU, MISS
Ciconiiformes	Podicipedidae	Podilymbus podiceps	ACAD, APIS, ARPO, BUFF, CUVA, EFMO, FIIS, GATE, GEWA, GWCA, HOCU, INDU, ISRO, MANA, MISS, MORR, OZAR, PIRO, SACN, SLBE, TAPR, VOYA
Ciconiiformes	Procellariidae	Calonectris diomedea	FIIS
Ciconiiformes	Procellariidae	Fulmarus glacialis	FIIS
Ciconiiformes	Procellariidae	Oceanites oceanicus	FIIS
Ciconiiformes	Procellariidae	Puffinus gravis	FIIS
Ciconiiformes	Procellariidae	Puffinus griseus	FIIS, GATE
Ciconiiformes	Procellariidae	Puffinus lherminieri	FIIS
Ciconiiformes	Procellariidae	Puffinus puffinus	FIIS
Ciconiiformes	Scolopacidae	Actitis macularius	ACAD, APIS, BUFF, CUVA, EFMO, FIIS, GATE, GEWA, GRPO, GWCA, HAFE, HOCU, INDU, ISRO, MANA, MIMA, MISS, MORR, OZAR, PIPE, PIRO, PRWI, SACN, SLBE, VOYA
Ciconiiformes	Scolopacidae	Arenaria interpres	ACAD, APIS, FIIS, GATE, GRPO, INDU, ISRO, MISS, SACN, SLBE, VOYA
Ciconiiformes	Scolopacidae	Bartramia longicauda	ACAD, ANTI, APIS, FIIS, GATE, GWCA, HOCU, MISS, MORR, PIPE, SACN, SLBE, TAPR, VOYA
Ciconiiformes	Scolopacidae	Calidris acuminata	GATE
Ciconiiformes	Scolopacidae	Calidris alba	APIS, FIIS, GATE, GRPO, INDU, ISRO, MISS, SACN, SLBE, VOYA
Ciconiiformes	Scolopacidae	Calidris alpina	APIS, CUVA, FIIS, GATE, GRPO, HOCU, INDU, ISRO, MISS, SACN, SLBE, VOYA
Ciconiiformes	Scolopacidae	Calidris bairdii	APIS, FIIS, GATE, INDU, ISRO, MISS, SLBE, VOYA
Ciconiiformes	Scolopacidae	Calidris canutus	APIS, FIIS, GATE, INDU, MISS
Ciconiiformes	Scolopacidae	Calidris ferruginea	GATE
Ciconiiformes	Scolopacidae	Calidris fuscicollis	ACAD, APIS, CUVA, FIIS, GATE, INDU, ISRO, MISS, VOYA
Ciconiiformes	Scolopacidae	Calidris himantopus	FIIS, GATE, INDU, MISS, SACN
Ciconiiformes	Scolopacidae	Calidris maritima	ACAD, FIIS, GATE, INDU
Ciconiiformes	Scolopacidae	Calidris mauri	APIS, FIIS, GATE, INDU, VOYA
Ciconiiformes	Scolopacidae	Calidris melanotos	ACAD, APIS, CUVA, EFMO, FIIS, GATE, GEWA, GRPO, HOCU, INDU, ISRO, MISS, SACN, SLBE, VOYA
Ciconiiformes	Scolopacidae	Calidris minuta	GATE
Ciconiiformes	Scolopacidae	Calidris minutilla	ACAD, APIS, CUVA, FIIS, GATE, GRPO, INDU, ISRO, MISS, PIRO, SACN, SLBE, VOYA
Ciconiiformes	Scolopacidae	Calidris pusilla	ACAD, APIS, FIIS, GATE, GRPO, INDU, ISRO, MISS, SACN, SLBE, VOYA
Ciconiiformes	Scolopacidae	Calidris ruficollis	GATE
Ciconiiformes	Scolopacidae	Catoptrophorus semipalmatus	APIS, BUFF, FIIS, GATE, INDU, MISS, VOYA
Ciconiiformes	Scolopacidae	Gallinago gallinago	ACAD, BUFF, CUVA, EFMO, GRPO, GWCA, HOCU, INDU, ISRO, MANA, MORR, PIPE, PIRO, SACN, SLBE, TAPR, VOYA
Ciconiiformes	Scolopacidae	Limnodromus	ISRO
Ciconiiformes	Scolopacidae	Limnodromus griseus	ACAD, APIS, FIIS, GATE, INDU, ISRO, MISS, SLBE

Ciconiiformes	Scolopacidae	Limnodromus scolopaceus	APIS, FIIS, GATE, INDU, ISRO, MISS, VOYA
Ciconiiformes	Scolopacidae	Limosa fedoa	APIS, FIIS, GATE, INDU, ISRO, MISS, VOYA
Ciconiiformes	Scolopacidae	Limosa haemastica	APIS, FIIS, GATE, INDU, ISRO, MISS, VOYA
Ciconiiformes	Scolopacidae	Limosa lapponica	FIIS
Ciconiiformes	Scolopacidae	Numenius phaeopus	ACAD, APIS, FIIS, GATE, INDU, ISRO
Ciconiiformes	Scolopacidae	Phalaropus fulicarius	FIIS, GATE, INDU
Ciconiiformes	Scolopacidae	Phalaropus lobatus	FIIS, GATE, INDU, ISRO
Ciconiiformes	Scolopacidae	Phalaropus tricolor	APIS, FIIS, GATE, INDU, MISS, PIRO, VOYA
Ciconiiformes	Scolopacidae	Philomachus pugnax	FIIS, GATE
Ciconiiformes	Scolopacidae	Scolopax minor	ACAD, APIS, BUFF, CATO, CUVA, EFMO, FIIS, GATE, GRPO, GWCA, HOCU, HOSP, INDU, ISRO, MANA, MIMA, MISS, MORR, OZAR, PIPE, PIRO, PRWI, SACN, SLBE, THST, VOYA, WICR
Ciconiiformes	Scolopacidae	Tringa erythropus	GATE
Ciconiiformes	Scolopacidae	Tringa flavipes	ACAD, APIS, CUVA, EFMO, FIIS, GATE, GEWA, GRPO, HOME, INDU, ISRO, MISS, MORR, PIRO, SACN, SLBE, VOYA
Ciconiiformes	Scolopacidae	Tringa melanoleuca	ACAD, ANTI, APIS, BUFF, CUVA, FIIS, GATE, GRPO, INDU, ISRO, MISS, MORR, SACN, SLBE, VOYA
Ciconiiformes	Scolopacidae	Tringa solitaria	ACAD, ANTI, APIS, CUVA, EFMO, FIIS, GATE, GRPO, GWCA, HOCU, INDU, ISRO, MANA, MISS, MORR, PIRO, SACN, SLBE, VOYA
Ciconiiformes	Scolopacidae	Tryngites subruficollis	APIS, FIIS, GATE, INDU
Ciconiiformes	Sulidae	Morus bassanus	FIIS, GATE, INDU
Ciconiiformes	Sulidae	Sula leucogaster	FIIS
Ciconiiformes	Threskiornithidae	Eudocimus albus	ARPO, FIIS, MANA
Ciconiiformes	Threskiornithidae	Plegadis chihi	GATE
Ciconiiformes	Threskiornithidae	Plegadis falcinellus	ACAD, CUVA, FIIS, GATE, GEWA
Columbiformes	Columbidae	Columba livia	ANTI, APIS, BUFF, CATO, CUVA, EFMO, FIIS, GATE, GEWA, GWCA, HAFE, HEHO, HOCU, HOME, INDU, ISRO, MANA, MIMA, MISS, MORR, OZAR, PIPE, PRWI, SACN, SAIR, SLBE, TAPR, THST, VOYA
Columbiformes	Columbidae	Columbina passerina	CUVA
Columbiformes	Columbidae	Patagioenas fasciata	HOSP
Columbiformes	Columbidae	Streptopelia decaocto	VOYA
Columbiformes	Columbidae	Zenaida macroura	ACAD, ANTI, APIS, ARPO, BUFF, CATO, CUVA, EFMO, FIIS, GATE, GEWA, GRPO, GWCA, HAFE, HEHO, HOCU, HOME, HOSP, INDU, ISRO, LIBO, MABI, MANA, MIMA, MISS, OZAR, PERI, PIPE, PIRO, PRWI, SACN, SAGA, SAIR, SLBE, TAPR, THST, VOYA, WICR
Coraciiformes	Cerylidae	Megaceryle alcyon	ACAD, ANTI, APIS, ARPO, BUFF, CATO, CUVA, EFMO, FIIS, GATE, GEWA, GRPO, GWCA, HAFE, HEHO, HOCU, HOME, HOSP, INDU, ISRO, MANA, MISS, MORR, OZAR, PIPE, PIRO, PRWI, SACN, SAIR, SLBE, TAPR, THST, VOYA, WEFA
Cuculiformes	Coccyzidae	Coccyzus americanus	ACAD, ANTI, APIS, ARPO, BUFF, CATO, CUVA, EFMO, FIIS, GATE, GEWA, GWCA, HAFE, HOCU, HOME, HOSP, INDU, ISRO, LIBO, MANA, MISS, OZAR, PERI, PIPE, PIRO, PRWI, SACN SLBE, TAPR, THST, VOYA, WEFA, WICR
Cuculiformes	Coccyzidae	Coccyzus erythropthalmus	ACAD, ANTI, APIS, BUFF, CUVA, EFMO, FIIS, GATE, GRPO, HOCU, INDU, ISRO, MANA, MISS, MORR, OZAR, PIPE, PIRO, SACN, SLBE, TAPR, VOYA
Cuculiformes	Neomorphidae	Geococcyx californianus	BUFF, HOSP, WICR
Galliformes	Odontophoridae	Colinus virginianus	ANTI, ARPO, BUFF, CATO, FIIS, GATE, GEWA, GWCA, HAFE, HEHO, HOCU, HOME, HOSP, INDU, LIBO, MANA, MORR, OZAR, PIPE, SACN, TAPR, THST, WICR
Galliformes	Phasianidae	Bonasa umbellus	ACAD, APIS, CATO, CUVA, EFMO, GRPO, MORR, OZAR, PIRO, SACN, SLBE, VOYA
Galliformes	Phasianidae	Falcipennis canadensis	ACAD, GRPO, PIRO, VOYA
Galliformes	Phasianidae	Meleagris gallopavo	ANTI, ARPO, BUFF, CATO, CUVA, EFMO, GEWA, GWCA, HAFE, HOSP, INDU, LIBO, MABI, MANA, MISS, OZAR, PERI, PRWI, SACN, SLBE, TAPR, THST, WEFA, WICR
Galliformes	Phasianidae	Perdix perdix	MISS, PIPE
Galliformes	Phasianidae	Phasianus colchicus	CUVA, EFMO, FIIS, GATE, HEHO, HOCU, HOME, INDU, LIBO, MIMA, MISS, MORR, PIPE, SACN, SLBE
Galliformes	Phasianidae	Tympanuchus cupido	TAPR
Galliformes	Phasianidae	Tympanuchus phasianellus	GRPO, SACN, VOYA
Gruiformes	Gruidae	Grus canadensis	APIS, CUVA, EFMO, FIIS, GRPO, INDU, ISRO, MISS, PIRO, SACN, SLBE, TAPR, VOYA
Gruiformes	Rallidae	Coturnicops noveboracensis	FIIS, GATE, INDU, MISS, VOYA
Gruiformes	Rallidae	Fulica americana	ACAD, APIS, BUFF, CUVA, EFMO, FIIS, GATE, GEWA, GWCA, HAFE, HOCU, INDU, ISRO, MISS, MORR, OZAR, PERI, PIRO, SACN, SLBE, VOYA
Gruiformes	Rallidae	Gallinula chloropus	ACAD, ARPO, CUVA, FIIS, GATE, INDU, MISS, SLBE
Gruiformes	Rallidae	Laterallus jamaicensis	FIIS, GATE
Gruiformes	Rallidae	Porphyrio martinica	ACAD, GATE, MANA
Gruiformes	Rallidae	Porzana carolina	ACAD, APIS, BUFF, CUVA, EFMO, FIIS, GATE, GRPO, GWCA, INDU, ISRO, MISS, PIPE, PIRO, SACN, SLBE, VOYA
Gruiformes	Rallidae	Rallus elegans	FIIS, GATE, MISS, SLBE

Gruiformes	Rallidae	Rallus limicola	ACAD, APIS, CUVA, FIIS, GATE, INDU, ISRO, MISS, SACN, SLBE, VOYA
Gruiformes	Rallidae	Rallus longirostris	FIIS, GATE
Passeriformes	Alaudidae	Eremophila alpestris	ACAD, ANTI, APIS, ARPO, BUFF, CUVA, FIIS, GATE, GEWA, GRPO, GWCA, HOCU, INDU, ISRO, MISS, MORR, SACN, SLBE, TAPR, THST, VOYA
Passeriformes	Bombycillidae	Bombycilla cedrorum	ACAD, ANTI, APIS, BUFF, CATO, CUVA, EFMO, FIIS, GATE, GEWA, GRPO, GWCA, HAFE, HEHO, HOCU, HOSP, INDU, ISRO, MABI, MANA, MIMA, MISS, OZAR, PERI, PIPE, PIRO, PRWI, SACN, SAGA, SLBE, THST, VOYA, WEFA
Passeriformes	Bombycillidae	Bombycilla garrulus	ACAD, APIS, CUVA, GRPO, MISS, SACN, SLBE, VOYA
Passeriformes	Certhiidae	Certhia americana	ACAD, ANTI, APIS, ARPO, BUFF, CATO, CUVA, EFMO, FIIS, GATE, GEWA, GRPO, GWCA, HAFE, HOCU, HOME, HOSP, INDU, ISRO, MABI, MANA, MISS, MORR, OZAR, PIRO, PRWI, SACN, SAGA, SLBE, TAPR, THST, VOYA, WEFA, WICR
Passeriformes	Certhiidae	Certhia familiaris	MISS, MORR
Passeriformes	Certhiidae	Cistothorus platensis	ACAD, APIS, CUVA, EFMO, GATE, GRPO, GWCA, HEHO, HOCU, INDU, ISRO, MISS, OZAR, PIPE, PIRO, SACN, SLBE, TAPR, VOYA
Passeriformes	Certhiidae	Polioptila caerulea	ACAD, ANTI, ARPO, BUFF, CATO, CUVA, EFMO, FIIS, GATE, GEWA, GWCA, HAFE, HOCU, HOME, HOSP, INDU, LIBO, MANA, MISS, OZAR, PERI, PIRO, PRWI, SACN, SLBE, TAPR, THST, WICR
Passeriformes	Certhiidae	Thryomanes bewickii	ARPO, BUFF, GWCA, MISS, TAPR
Passeriformes	Certhiidae	Thryothorus ludovicianus	ANTI, ARPO, BUFF, CATO, CUVA, EFMO, FIIS, GATE, GEWA, GWCA, HAFE, HOCU, HOME, HOSP, INDU, LIBO, MANA, MIMA, MISS, OZAR, PERI, PRWI, SACN, SLBE, TAPR, THST, WICR
Passeriformes	Certhiidae	Troglodytes aedon	ANTI, APIS, ARPO, BUFF, CATO, CUVA, EFMO, FIIS, GATE, GRPO, GWCA, HAFE, HEHO, HOCU, HOME, INDU, ISRO, LIBO, MANA, MIMA, MISS, OZAR, PIPE, PRWI, SACN, SLBE, TAPR, THST, VOYA, WICR
Passeriformes	Certhiidae	Troglodytes troglodytes	ACAD, ANTI, APIS, ARPO, BUFF, CATO, CUVA, FIIS, GATE, GEWA, GRPO, GWCA, HAFE, HOCU, HOSP, INDU, ISRO, MABI, MANA, MISS, MORR, OZAR, PIPE, PIRO, PRWI, SACN, SAGA, SLBE, TAPR, THST, VOYA
Passeriformes	Corvidae	Corvus brachyrhynchos	ACAD, ANTI, APIS, ARPO, BUFF, CATO, CUVA, EFMO, FIIS, GATE, GEWA, GRPO, GWCA, HAFE, HEHO, HOCU, HOME, HOSP, INDU, ISRO, LIBO, MABI, MANA, MIMA, MISS, OZAR, PERI, PIPE, PIRO, PRWI, SACN, SAGA, SAIR, SLBE, TAPR, THST, VOYA, WICR
Passeriformes	Corvidae	Corvus caurinus	OZAR
Passeriformes	Corvidae	Corvus corax	ACAD, ANTI, APIS, CATO, GRPO, ISRO, MABI, MANA, PIRO, SACN, SLBE, VOYA
Passeriformes	Corvidae	Corvus ossifragus	ANTI, ARPO, BUFF, FIIS, GATE, GWCA, HAFE, HOSP, MANA, MORR, OZAR, PRWI, THST
Passeriformes	Corvidae	Cyanocitta cristata	ACAD, ANTI, APIS, ARPO, BUFF, CATO, CUVA, EFMO, FIIS, GATE, GEWA, GRPO, GWCA, HAFE, HEHO, HOCU, HOME, HOSP, INDU, ISRO, LIBO, MABI, MANA, MIMA, MISS, OZAR, PERI, PIPE, PIRO, PRWI, SACN, SAGA, SAIR, SLBE, TAPR, THST, VOYA, WICR
Passeriformes	Corvidae	Perisoreus canadensis	ACAD, APIS, GRPO, ISRO, MISS, PIRO, SACN, VOYA
Passeriformes	Corvidae	Pica pica	FIIS, ISRO, VOYA
Passeriformes	Fringillidae	Agelaius phoeniceus	ACAD, ANTI, APIS, ARPO, BUFF, CATO, CUVA, EFMO, FIIS, GATE, GEWA, GRPO, GWCA, HAFE, HEHO, HOCU, HOME, INDU, ISRO, LIBO, MABI, MANA, MIMA, MISS, OZAR, PERI, PIPE, PIRO, PRWI, SACN, SAGA, SAIR, SLBE, TAPR, THST, VOYA, WEFA, WICR
Passeriformes	Fringillidae	Ammodramus bairdii	SACN
Passeriformes	Fringillidae	Ammodramus caudacutus	FIIS, GATE
Passeriformes	Fringillidae	Ammodramus henslowii	APIS, BUFF, CUVA, GATE, GWCA, HEHO, INDU, MISS, MORR, PIPE, SACN, SLBE
Passeriformes	Fringillidae	Ammodramus leconteii	APIS, GWCA, INDU, ISRO, MISS, SACN, SLBE, VOYA
Passeriformes	Fringillidae	Ammodramus maritimus	FIIS, GATE
Passeriformes	Fringillidae	Ammodramus nelsoni	ACAD, CUVA, INDU, MISS, SACN
Passeriformes	Fringillidae	Ammodramus savannarum	ANTI, APIS, CUVA, FIIS, GATE, GEWA, GWCA, HAFE, HEHO, HOCU, INDU, MANA, MISS, MORR, PERI, PIPE, SACN, SLBE, TAPR, WICR
Passeriformes	Fringillidae	Calamospiza melanocorys	FIIS, GATE
Passeriformes	Fringillidae	Calcarius lapponicus	APIS, CUVA, FIIS, GATE, GEWA, GRPO, INDU, ISRO, MISS, PIRO, SACN, TAPR, VOYA
Passeriformes	Fringillidae	Calcarius ornatus	APIS
Passeriformes	Fringillidae	Calcarius pictus	FIIS, GRPO, ISRO, TAPR

Passeriformes	Fringillidae	Cardinalis cardinalis	ANTI, APIS, ARPO, BUFF, CATO, CUVA, EFMO, FIIS, GATE, GEWA, GRPO, GWCA, HAFE, HEHO, HOCU, HOME, HOSP, INDU, ISRO, LIBO, MABI, MANA, MIMA, MISS, OZAR, PERI, PIPE, PIRO, PRWI, SACN, SAGA, SAIR, SLBE, TAPR, THST, WICR
Passeriformes	Fringillidae	Carduelis carduelis	GATE
Passeriformes	Fringillidae	Carduelis flammea	APIS, CUVA, FIIS, GATE, GRPO, INDU, ISRO, MISS, MORR, SACN, SLBE, VOYA
Passeriformes	Fringillidae	Carduelis hornemanni	INDU, MISS, SACN, VOYA
Passeriformes	Fringillidae	Carduelis pinus	ACAD, APIS, BUFF, CATO, CUVA, FIIS, GATE, GEWA, GRPO, GWCA, HOSP, INDU, ISRO, MABI, MISS, MORR, OZAR, PIRO, SACN, SLBE, VOYA
Passeriformes	Fringillidae	Carduelis tristis	ACAD, ANTI, APIS, BUFF, CATO, CUVA, EFMO, FIIS, GATE, GEWA, GRPO, GWCA, HEHO, HOCU, HOME, HOSP, INDU, ISRO, LIBO, MABI, MANA, MIMA, MISS, OZAR, PERI, PIPE, PIRO, PRWI, SACN, SAGA, SAIR, SLBE, TAPR, THST, VOYA, WEFA, WICR
Passeriformes	Fringillidae	Carpodacus mexicanus	ACAD, ANTI, APIS, BUFF, CATO, CUVA, EFMO, FIIS, GATE, GEWA, GWCA, HAFE, HEHO, HOCU, HOME, INDU, LIBO, MANA, MIMA, MISS, PRWI, SACN, SLBE, TAPR, THST, WEFA
Passeriformes	Fringillidae	Carpodacus purpureus	ACAD, ANTI, APIS, BUFF, CATO, CUVA, EFMO, FIIS, GATE, GEWA, GRPO, HAFE, HOCU, HOSP, INDU, ISRO, MABI, MANA, MIMA, MISS, MORR, OZAR, PIRO, PRWI, SACN, SAGA, SLBE, TAPR, VOYA
Passeriformes	Fringillidae	Chondestes grammacus	APIS, BUFF, FIIS, GATE, GWCA, HOCU, HOME, SACN, TAPR
Passeriformes	Fringillidae	Coccothraustes vespertinus	APIS, BUFF, CATO, CUVA, FIIS, GATE, GEWA, GRPO, INDU, ISRO, MABI, MISS, MORR, PIPE, PIRO, SACN, SLBE, VOYA
Passeriformes	Fringillidae	Dendroica auduboni	GEWA
Passeriformes	Fringillidae	Dendroica caerulescens	ACAD, APIS, CATO, CUVA, EFMO, FIIS, GATE, GEWA, GRPO, HAFE, HOCU, INDU, ISRO, MABI, MANA, MISS, PIRO, PRWI, SACN, SLBE, THST, VOYA, WEFA
Passeriformes	Fringillidae	Dendroica castanea	ACAD, APIS, ARPO, BUFF, CUVA, EFMO, FIIS, GATE, GRPO, GWCA, HOCU, HOSP, INDU, ISRO, MANA, MISS, MORR, OZAR, PIRO, PRWI, SACN, SLBE, THST, VOYA
Passeriformes	Fringillidae	Dendroica cerulea	BUFF, CATO, CUVA, EFMO, FIIS, GATE, HAFE, HOCU, INDU, ISRO, LIBO, MANA, MISS, OZAR, PIRO, SACN, SLBE
Passeriformes	Fringillidae	Dendroica coronata	ACAD, ANTI, APIS, BUFF, CATO, CUVA, EFMO, FIIS, GATE, GEWA, GRPO, GWCA, HAFE, HOCU, HOME, HOSP, INDU, ISRO, MABI, MANA, MISS, OZAR, PIPE, PIRO, PRWI, SACN, SAGA, SLBE, THST, VOYA
Passeriformes	Fringillidae	Dendroica discolor	ACAD, ANTI, BUFF, CUVA, FIIS, GATE, GEWA, HAFE, HOCU, INDU, LIBO, MANA, MIMA, MORR, PIRO, PRWI, SLBE, THST
Passeriformes	Fringillidae	Dendroica dominica	ACAD, BUFF, CUVA, FIIS, GATE, GEWA, GWCA, HOCU, HOSP, INDU, MANA, MISS, MORR, OZAR, PRWI
Passeriformes	Fringillidae	Dendroica fusca	ACAD, ANTI, APIS, ARPO, BUFF, CATO, CUVA, EFMO, FIIS, GATE, GRPO, GWCA, HAFE, HOCU, HOSP, INDU, ISRO, MABI, MANA, MISS, MORR, OZAR, PIRO, PRWI, SACN, SAGA, SLBE, VOYA
Passeriformes	Fringillidae	Dendroica kirtlandii	INDU, ISRO, SACN
Passeriformes	Fringillidae	Dendroica magnolia	ACAD, ANTI, APIS, ARPO, BUFF, CATO, CUVA, EFMO, FIIS, GATE, GEWA, GRPO, GWCA, HOCU, HOSP, INDU, ISRO, MABI, MANA, MIMA, MISS, PIRO, PRWI, SACN, SLBE, THST, VOYA WEFA, WICR
Passeriformes	Fringillidae	Dendroica nigrescens	FIIS, GATE
Passeriformes	Fringillidae	Dendroica palmarum	ACAD, ANTI, APIS, BUFF, CATO, CUVA, EFMO, FIIS, GATE, GEWA, GRPO, GWCA, HOCU, INDU, ISRO, MANA, MISS, MORR, PIRO, PRWI, SACN, SLBE, TAPR, THST, VOYA
Passeriformes	Fringillidae	Dendroica pensylvanica	ACAD, APIS, ARPO, BUFF, CATO, CUVA, EFMO, FIIS, GATE, GEWA, GRPO, GWCA, HOCU, HOME, HOSP, INDU, ISRO, MABI, MANA, MISS, OZAR, PIRO, PRWI, SACN, SAGA, SLBE, THST, VOYA
Passeriformes	Fringillidae	Dendroica petechia	ACAD, ANTI, APIS, ARPO, BUFF, CATO, CUVA, EFMO, FIIS, GATE, GEWA, GRPO, GWCA, HAFE, HEHO, HOCU, HOME, HOSP, INDU, ISRO, LIBO, MANA, MIMA, MISS, OZAR, PIPE, PIRO, PRWI, SACN, SAGA, SLBE, TAPR, VOYA, WICR
Passeriformes	Fringillidae	Dendroica pinus	ANTI, APIS, ARPO, BUFF, CATO, CUVA, FIIS, GATE, GEWA, GRPO, HOCU, HOSP, INDU, ISRO, MABI, MANA, MIMA, MISS, MORR, OZAR, PERI, PIRO, PRWI, SACN, SAGA, SLBE, THST, VOYA, WEFA
Passeriformes	Fringillidae	Dendroica striata	ACAD, ANTI, APIS, BUFF, CATO, CUVA, EFMO, FIIS, GATE, GEWA, GWCA, HOCU, INDU, ISRO, MABI, MANA, MISS, PIPE, PIRO, PRWI, SACN, SLBE, THST, VOYA

Passeriformes	Fringillidae	Dendroica tigrina	ACAD, APIS, CUVA, EFMO, FIIS, GATE, GEWA, GRPO, HOCU, INDU, ISRO, MISS, MORR, PIRO, PRWI, SACN, SLBE, THST, VOYA
Passeriformes	Fringillidae	Dendroica townsendi	ACAD, GATE
Passeriformes	Fringillidae	Dendroica virens	ACAD, ANTI, APIS, ARPO, BUFF, CATO, CUVA, EFMO, FIIS, GATE, GEWA, GRPO, GWCA, HAFE, HOCU, HOSP, INDU, ISRO, MABI, MANA, MISS, PIRO, PRWI, SACN, SAGA, SLBE, THST. VOYA
Passeriformes	Fringillidae	Dolichonyx oryzivorus	ANTI, APIS, ARPO, CUVA, EFMO, FIIS, GATE, GWCA, HEHO, HOCU, INDU, ISRO, MABI, MIMA, MISS, MORR, PIPE, PIRO, SACN. SLBE. VOYA
Passeriformes	Fringillidae	Euphagus carolinus	ACAD, APIS, CUVA, EFMO, FIIS, GATE, GRPO, GWCA, INDU, ISRO, MANA, MISS, MORR, PRWI, SACN, SLBE, VOYA
Passeriformes	Fringillidae	Euphagus cyanocephalus	APIS, BUFF, FIIS, GWCA, INDU, ISRO, MISS, PIRO, SACN, SLBE, TAPR. VOYA
Passeriformes	Fringillidae	Geothlypis trichas	ACAD, ANTI, APIS, ARPO, BUFF, CATO, CUVA, EFMO, FIIS, GATE, GEWA, GRPO, GWCA, HAFE, HEHO, HOCU, HOME, HOSP, INDU, ISRO, LIBO, MABI, MANA, MIMA, MISS, MORR, OZAR, PERI, PIPE, PIRO, PRWI, SACN, SAGA, SLBE, TAPR, THST. VOYA. WICR
Passeriformes	Fringillidae	Helmitheros vermivorum	ARPO, BUFF, CATO, CUVA, EFMO, FIIS, GATE, HAFE, HOSP, INDU, MANA, MISS, OZAR, PRWI, SACN
Passeriformes	Fringillidae	Icteria virens	ANTI, BUFF, CUVA, EFMO, FIIS, GATE, GEWA, GWCA, HOCU, HOME, HOSP, INDU, MANA, MISS, MORR, OZAR, PERI. PRWI. SACN. SLBE. TAPR. THST. WICR
Passeriformes	Fringillidae	Icterus bullockii	FIIS
Passeriformes	Fringillidae	Icterus galbula	ACAD, ANTI, APIS, ARPO, CATO, CUVA, EFMO, FIIS, GATE, GRPO, GWCA, HAFE, HEHO, HOCU, HOME, HOSP, INDU, ISRO, LIBO, MABI, MANA, MIMA, MISS, OZAR, PERI, PIPE, PIRO, PRWI, SACN, SAGA, SAIR, SLBE, TAPR, VOYA, WEFA
Passeriformes	Fringillidae	Icterus spurius	ANTI, ARPO, BUFF, CUVA, EFMO, FIIS, GATE, GEWA, GWCA, HAFE, HOCU, HOSP, INDU, MANA, MISS, MORR, OZAR. PIPE. PRWI. SACN. SLBE. TAPR, THST
Passeriformes	Fringillidae	Junco hyemalis	ACAD, ANTI, APIS, BUFF, CATO, CUVA, EFMO, FIIS, GATE, GEWA, GRPO, GWCA, HAFE, HOCU, HOME, HOSP, INDU, ISRO, MABI, MANA, MISS, MORR, OZAR, PIPE, PIRO, PRWI, SACN. SLBE. TAPR. THST, VOYA, WICR
Passeriformes	Fringillidae	Limnothlypis swainsonii	ARPO, BUFF, OZAR
Passeriformes	Fringillidae	Loxia curvirostra	ACAD, APIS, CUVA, EFMO, FIIS, GATE, GRPO, INDU, ISRO, MISS. PIRO. SACN. SLBE. VOYA
Passeriformes	Fringillidae	Loxia leucoptera	ACAD, APIS, CUVA, FIIS, GATE, GRPO, INDU, ISRO, MISS, MORR. PIRO. SACN. SLBE. VOYA
Passeriformes	Fringillidae	Melospiza georgiana	ACAD, APIS, BUFF, CUVA, EFMO, FIIS, GATE, GEWA, GRPO, GWCA, HOCU, INDU, ISRO, MANA, MIMA, MISS, MORR, OZAR, PIPE, PIRO, PRWI, SACN, SAGA, SLBE, THST, VOYA
Passeriformes	Fringillidae	Melospiza lincolnii	ACAD, APIS, BUFF, CUVA, FIIS, GRPO, GWCA, HOCU, HOME, INDU, ISRO, MANA, MISS, MORR, PIRO, SACN, SLBE, VOYA
Passeriformes	Fringillidae	Melospiza melodia	ACAD, ANTI, APIS, BUFF, CATO, CUVA, EFMO, FIIS, GATE, GEWA, GRPO, GWCA, HAFE, HEHO, HOCU, HOME, INDU, ISRO, LIBO, MABI, MANA, MIMA, MISS, OZAR, PERI, PIPE, PIRO, PRWI, SACN, SAGA, SAIR, SLBE, TAPR, THST, VOYA, WICR
Passeriformes	Fringillidae	Mniotilta varia	ACAD, APIS, ARPO, BUFF, CATO, CUVA, EFMO, FIIS, GATE, GEWA, GRPO, GWCA, HAFE, HOCU, HOSP, INDU, ISRO, MABI, MANA, MIMA, MISS, MORR, OZAR, PERI, PIPE, PIRO, PRWI. SACN SAGA. SLBE. THST. VOYA. WICR
Passeriformes	Fringillidae	Molothrus ater	ACAD, ANTI, APIS, ARPO, BUFF, CATO, CUVA, EFMO, FIIS, GATE, GEWA, GRPO, GWCA, HAFE, HEHO, HOCU, HOME, HOSP, INDU, ISRO, LIBO, MABI, MANA, MIMA, MISS, OZAR, PERI, PIPE, PIRO, PRWI, SACN, SAGA, SLBE, TAPR, THST, VOYA. WICR
Passeriformes	Fringillidae	Oporornis agilis	ACAD, APIS, CUVA, FIIS, GATE, INDU, ISRO, MISS, MORR, SACN, SLBE, VOYA
Passeriformes	Fringillidae	Oporornis formosus	ACAD, ARPO, BUFF, CATO, CUVA, EFMO, FIIS, GATE, GWCA, HOCU, HOSP, INDU, MANA, MIMA, MISS, OZAR, PERI. PRWI. SACN. SAIR. THST. WICR
Passeriformes	Fringillidae	Oporornis philadelphia	ACAD, APIS, BUFF, CATO, CUVA, EFMO, FIIS, GATE, GRPO, GWCA, INDU, ISRO, LIBO, MISS, MORR, OZAR, PIPE, PIRO, SACN. SLBE. TAPR. VOYA
Passeriformes	Fringillidae	Oporornis tolmiei	LIBO

Passeriformes	Fringillidae	Parula americana	ACAD, ANTI, APIS, ARPO, BUFF, CATO, CUVA, EFMO, FIIS, GATE, GEWA, GRPO, GWCA, HAFE, HOCU, INDU, ISRO, LIBO, MABI, MANA, MISS, MORR, OZAR, PERI, PIRO, PRWI, SACN, SAGA, SLBE, TAPR, THST, VOYA, WICR
Passeriformes	Fringillidae	Passerculus sandwichensis	ACAD, ANTI, APIS, BUFF, CUVA, FIIS, GATE, GRPO, GWCA, HAFE, HOCU, INDU, ISRO, MANA, MISS, MORR, PIPE, PIRO, SACN, SLBE, TAPR, VOYA, WEFA
Passeriformes	Fringillidae	Passerella iliaca	ANTI, APIS, BUFF, CATO, CUVA, EFMO, FIIS, GATE, GEWA, GRPO, GWCA, HOCU, HOSP, INDU, ISRO, MANA, MISS, MORR, OZAR, PIRO, PRWI, SACN, SLBE, TAPR, VOYA, WICR
Passeriformes	Fringillidae	Passerina amoena	BUFF
Passeriformes	Fringillidae	Passerina caerulea	ANTI, ARPO, BUFF, FIIS, GATE, GEWA, GWCA, HOCU, HOSP, INDU, MANA, OZAR, PERI, PRWI, TAPR, THST, WICR
Passeriformes	Fringillidae	Passerina ciris	BUFF, GWCA
Passeriformes	Fringillidae	Passerina cyanea	ACAD, ANTI, APIS, ARPO, BUFF, CATO, CUVA, EFMO, FIIS, GATE, GEWA, GRPO, GWCA, HAFE, HEHO, HOCU, HOME, HOSP, INDU, ISRO, LIBO, MABI, MANA, MIMA, MISS, OZAR, PERI, PIPE, PIRO, PRWI, SACN, SAGA, SLBE, TAPR, THST, VOYA, WICR
Passeriformes	Fringillidae	Pheucticus ludovicianus	ACAD, ANTI, APIS, BUFF, CATO, CUVA, EFMO, FIIS, GATE, GRPO, GWCA, HAFE, HOCU, HOME, HOSP, INDU, ISRO, MABI, MANA, MIMA, MISS, PERI, PIPE, PIRO, PRWI, SACN, SAGA, SAIR, SLBE, TAPR, VOYA
Passeriformes	Fringillidae	Pheucticus melanocephalus	SACN
Passeriformes	Fringillidae	Pinicola enucleator	APIS, CUVA, FIIS, GATE, GRPO, INDU, ISRO, MISS, MORR, PIRO, SACN, SLBE, VOYA
Passeriformes	Fringillidae	Pipilo erythrophthalmus	ACAD, ANTI, APIS, ARPO, BUFF, CATO, CUVA, EFMO, FIIS, GATE, GEWA, GWCA, HAFE, HEHO, HOCU, HOME, HOSP, INDU, ISRO, LIBO, MANA, MIMA, MISS, OZAR, PERI, PIPE, PIRO, PRWI, SACN, SLBE, TAPR, THST, VOYA, WICR
Passeriformes	Fringillidae	Pipilo maculatus	BUFF
Passeriformes	Fringillidae	Piranga ludoviciana	FIIS, GATE, INDU, MISS
Passeriformes	Fringillidae	Piranga olivacea	ACAD, ANTI, APIS, BUFF, CATO, CUVA, EFMO, FIIS, GATE, GEWA, GRPO, HAFE, HOCU, INDU, ISRO, LIBO, MABI, MANA, MIMA, MISS, OZAR, PERI, PIRO, PRWI, SACN, SAGA, SLBE, THST, VOYA, WEFA
Passeriformes	Fringillidae	Piranga rubra	ARPO, BUFF, CUVA, FIIS, GATE, GEWA, GWCA, HOCU, HOSP, INDU, LIBO, MANA, MORR, OZAR, PERI, PRWI, TAPR, THST
Passeriformes	Fringillidae	Plectrophenax nivalis	ACAD, APIS, CUVA, FIIS, GATE, GRPO, INDU, ISRO, MISS, PIRO, SACN, SLBE, VOYA
Passeriformes	Fringillidae	Pooecetes gramineus	ACAD, ANTI, APIS, CUVA, EFMO, FIIS, GATE, GEWA, GWCA, INDU, ISRO, MABI, MANA, MISS, MORR, OZAR, PIRO, SACN, SLBE, TAPR, VOYA
Passeriformes	Fringillidae	Protonotaria citrea	ARPO, BUFF, CUVA, EFMO, FIIS, GATE, GWCA, HAFE, HOCU, INDU, MANA, MISS, MORR, OZAR, PRWI, SACN, TAPR, WICR
Passeriformes	Fringillidae	Quiscalus major	FIIS, GATE
Passeriformes	Fringillidae	Quiscalus mexicanus	GWCA, TAPR
Passeriformes	Fringillidae	Quiscalus quiscula	ACAD, ANTI, APIS, ARPO, BUFF, CATO, CUVA, EFMO, FIIS, GATE, GEWA, GRPO, GWCA, HAFE, HEHO, HOCU, HOME, HOSP, INDU, ISRO, MABI, MANA, MIMA, MISS, OZAR, PERI, PIPE, PIRO, PRWI, SACN, SAGA, SAIR, SLBE, TAPR, THST, VOYA, WICR
Passeriformes	Fringillidae	Seiurus aurocapilla	ACAD, APIS, ARPO, BUFF, CATO, CUVA, EFMO, FIIS, GATE, GEWA, GRPO, GWCA, HAFE, HOCU, INDU, ISRO, LIBO, MABI, MANA, OZAR, PERI, PIRO, PRWI, SACN, SAGA, SAIR, SLBE, THST, VOYA
Passeriformes	Fringillidae	Seiurus motacilla	ANTI, ARPO, BUFF, CATO, CUVA, FIIS, GATE, GEWA, GWCA, HAFE, HOSP, INDU, MABI, MANA, MISS, OZAR, PERI, PRWI, SACN, SAGA, THST, WEFA
Passeriformes	Fringillidae	Seiurus noveboracensis	ACAD, APIS, ARPO, BUFF, CUVA, EFMO, FIIS, GATE, GRPO, GWCA, HOCU, INDU, ISRO, MISS, MORR, PIRO, SACN, SLBE, VOYA, WEFA
Passeriformes	Fringillidae	Setophaga ruticilla	ACAD, ANTI, APIS, ARPO, BUFF, CATO, CUVA, EFMO, FIIS, GATE, GEWA, GRPO, GWCA, HAFE, HOCU, HOSP, INDU, ISRO, MABI, MANA, MIMA, MISS, OZAR, PIPE, PIRO, PRWI, SACN SAGA, SLBE, TAPR, THST, VOYA
Passeriformes	Fringillidae	Spiza americana	BUFF, CUVA, FIIS, GATE, GWCA, HEHO, HOCU, HOME, INDU, LIBO, MISS, MORR, PERI, PIPE, PIRO, SACN, SLBE, TAPR, WICR
Passeriformes	Fringillidae	Spizella arborea	ACAD, ANTI, APIS, BUFF, CATO, CUVA, EFMO, FIIS, GATE, GRPO, GWCA, HOCU, INDU, ISRO, MANA, MISS, MORR, PERI, PIPE, PIRO, SACN, SLBE, TAPR, VOYA

Passeriformes	Fringillidae	Spizella pallida	APIS, BUFF, FIIS, GATE, GRPO, INDU, ISRO, MANA, MISS, PIPE, PIRO, SACN, SLBE, VOYA
Passeriformes	Fringillidae	Spizella passerina	ACAD, ANTI, APIS, ARPO, BUFF, CATO, CUVA, EFMO, FIIS, GATE, GEWA, GRPO, GWCA, HAFE, HEHO, HOCU, HOSP, INDU, ISRO, LIBO, MABI, MANA, MIMA, MISS, OZAR, PERI, PIPE, PIRO, PRWI, SACN, SAGA, SLBE, TAPR, THST, VOYA, WEFA, WICR
Passeriformes	Fringillidae	Spizella pusilla	ACAD, ANTI, APIS, BUFF, CATO, CUVA, EFMO, FIIS, GATE, GEWA, GWCA, HAFE, HEHO, HOCU, HOME, HOSP, INDU, ISRO, LIBO, MANA, MIMA, MISS, OZAR, PERI, PIPE, PIRO, PRWI, SACN SLBE, TAPR, THST, WICR
Passeriformes	Fringillidae	Sturnella magna	ACAD, ANTI, APIS, BUFF, CUVA, EFMO, FIIS, GATE, GWCA, HEHO, HOCU, INDU, ISRO, LIBO, MANA, MISS, MORR, OZAR, PERI, PIPE, PIRO, SACN, SLBE, TAPR, THST, VOYA, WICR
Passeriformes	Fringillidae	Sturnella neglecta	APIS, GWCA, HOME, INDU, MISS, PIPE, SACN, SLBE, TAPR, VOYA
Passeriformes	Fringillidae	Vermivora celata	ACAD, APIS, CATO, CUVA, EFMO, FIIS, GATE, GRPO, GWCA, HOME, INDU, ISRO, MISS, MORR, PIPE, SACN, SLBE, VOYA
Passeriformes	Fringillidae	Vermivora chrysoptera	ACAD, APIS, ARPO, BUFF, CUVA, EFMO, FIIS, GATE, GWCA, HOCU, INDU, ISRO, MANA, MISS, MORR, OZAR, PIRO, SACN, SLBE, VOYA
Passeriformes	Fringillidae	Vermivora peregrina	ACAD, APIS, ARPO, BUFF, CATO, CUVA, EFMO, FIIS, GATE, GEWA, GRPO, GWCA, HOCU, HOSP, INDU, ISRO, MISS, PIPE, PIRO, PRWI, SACN, SLBE, TAPR, VOYA
Passeriformes	Fringillidae	Vermivora pinus	ACAD, ARPO, BUFF, CATO, CUVA, EFMO, FIIS, GATE, GEWA, HOCU, HOSP, INDU, MANA, MIMA, MISS, MORR, OZAR, PERI, SACN, THST, WICR
Passeriformes	Fringillidae	Vermivora ruficapilla	ACAD, APIS, ARPO, BUFF, CATO, CUVA, EFMO, FIIS, GATE, GRPO, GWCA, HOCU, HOSP, INDU, ISRO, MANA, MISS, MORR, OZAR, PIPE, PIRO, SACN, SLBE, VOYA
Passeriformes	Fringillidae	Wilsonia canadensis	ACAD, APIS, ARPO, BUFF, CATO, CUVA, FIIS, GATE, GRPO, GWCA, HOCU, INDU, ISRO, MANA, MISS, MORR, OZAR, PIPE, PIRO, PRWI, SACN, SLBE, VOYA
Passeriformes	Fringillidae	Wilsonia citrina	ACAD, ANTI, APIS, ARPO, BUFF, CATO, CUVA, FIIS, GATE, GEWA, HOCU, INDU, LIBO, MANA, MISS, OZAR, PRWI, SACN, SLBE, THST, WICR
Passeriformes	Fringillidae	Wilsonia pusilla	ACAD, APIS, BUFF, CUVA, EFMO, FIIS, GATE, GRPO, GWCA, HOCU, INDU, ISRO, MANA, MISS, MORR, OZAR, PIRO, PRWI, SACN, SLBE, VOYA, WEFA
Passeriformes	Fringillidae	Xanthocephalus xanthocephalus	APIS, CUVA, GATE, GRPO, INDU, ISRO, MISS, PIPE, SACN, SLBE, VOYA
Passeriformes	Fringillidae	Zonotrichia albicollis	ACAD, ANTI, APIS, BUFF, CATO, CUVA, EFMO, FIIS, GATE, GEWA, GRPO, GWCA, HAFE, HOCU, HOME, HOSP, INDU, ISRO, MANA, MISS, OZAR, PIPE, PIRO, PRWI, SACN, SLBE, TAPR, THST, VOYA
Passeriformes	Fringillidae	Zonotrichia leucophrys	ANTI, APIS, BUFF, CATO, CUVA, EFMO, FIIS, GATE, GEWA, GRPO, GWCA, HOCU, HOME, HOSP, INDU, ISRO, MANA, MISS, MORR, OZAR, PIPE, PIRO, SACN, SLBE, TAPR, VOYA
Passeriformes	Fringillidae	Zonotrichia querula	APIS, BUFF, GRPO, GWCA, HOME, INDU, ISRO, MISS, PIPE, SACN, SLBE, TAPR, VOYA
Passeriformes	Hirundinidae	Hirundo pyrrhonota	BUFF, CUVA, GWCA, HOCU, MISS, MORR, TAPR, VOYA
Passeriformes	Hirundinidae	Hirundo rustica	ACAD, ANTI, APIS, ARPO, BUFF, CATO, CUVA, EFMO, FIIS, GATE, GEWA, GRPO, GWCA, HAFE, HEHO, HOCU, HOME, HOSP, INDU, ISRO, LIBO, MANA, MIMA, MISS, MORR, OZAR, PERI, PIPE, PIRO, SACN, SAIR, SLBE, TAPR, THST, VOYA, WICR
Passeriformes	Hirundinidae	Petrochelidon fulva	GATE
Passeriformes	Hirundinidae	Petrochelidon pyrrhonota	ACAD, APIS, ARPO, EFMO, FIIS, GATE, GRPO, HEHO, INDU, ISRO, PIPE, PIRO, SACN, SLBE
Passeriformes	Hirundinidae	Progne subis	ACAD, ANTI, APIS, BUFF, CUVA, FIIS, GATE, GEWA, GRPO, GWCA, HAFE, HEHO, HOCU, HOSP, INDU, LIBO, MANA, MISS, OZAR, PIPE, PRWI, SACN, SLBE, THST, VOYA
Passeriformes	Hirundinidae	Riparia riparia	APIS, ARPO, CUVA, EFMO, FIIS, GATE, GRPO, GWCA, HOCU, HOME, INDU, ISRO, MANA, MISS, MORR, OZAR, PIRO, SACN, SLBE, TAPR, VOYA
Passeriformes	Hirundinidae	Stelgidopteryx ruficollis	GWCA, MORR
Passeriformes	Hirundinidae	Stelgidopteryx serripennis	ACAD, ANTI, APIS, ARPO, BUFF, CUVA, EFMO, FIIS, GATE, GEWA, GRPO, HAFE, HEHO, HOCU, HOME, INDU, ISRO, MANA, MIMA, MISS, OZAR, PERI, PIPE, PIRO, PRWI, SACN, SLBE, TAPR, VOYA, WICR
Passeriformes	Hirundinidae	Tachycineta bicolor	ACAD, ANTI, APIS, BUFF, CUVA, EFMO, FIIS, GATE, GEWA, GRPO, GWCA, HAFE, HEHO, HOCU, INDU, ISRO, MABI, MANA, MIMA, MISS, OZAR, PIPE, PIRO, PRWI, SACN, SLBE, VOYA

Passeriformes	Laniidae	Lanius excubitor	CUVA, FIIS, GATE, GRPO, INDU, ISRO, MISS, MORR, SACN, SLBE, VOYA
Passeriformes	Laniidae	Lanius ludovicianus	ANTI, APIS, BUFF, FIIS, GATE, GWCA, INDU, ISRO, MISS, PIRO, SACN, SLBE, TAPR
Passeriformes	Muscicapidae	Catharus bicknelli	FIIS
Passeriformes	Muscicapidae	Catharus fuscescens	ACAD, ANTI, APIS, BUFF, CATO, CUVA, EFMO, FIIS, GATE, GRPO, HOCU, INDU, ISRO, MABI, MANA, MISS, OZAR, PIPE, PIRO, PRWI, SACN, SAGA, SLBE, VOYA
Passeriformes	Muscicapidae	Catharus guttatus	ACAD, ANTI, APIS, BUFF, CATO, CUVA, EFMO, FIIS, GATE, GEWA, GRPO, GWCA, HAFE, HOCU, HOSP, INDU, ISRO, MABI, MANA, MISS, OZAR, PERI, PIPE, PIRO, PRWI, SACN, SAGA, SLBE, THST, VOYA
Passeriformes	Muscicapidae	Catharus minimus	ACAD, APIS, BUFF, CATO, CUVA, EFMO, FIIS, GATE, GRPO, GWCA, HOCU, INDU, ISRO, MISS, OZAR, PIPE, SACN, SLBE, VOYA
Passeriformes	Muscicapidae	Catharus ustulatus	ACAD, APIS, ARPO, BUFF, CATO, CUVA, EFMO, FIIS, GATE, GEWA, GRPO, GWCA, HOCU, HOME, INDU, ISRO, MABI, MANA, MISS, OZAR, PIPE, PIRO, PRWI, SACN, SLBE, TAPR, THST, VOYA
Passeriformes	Muscicapidae	Hylocichla mustelina	ACAD, ANTI, APIS, ARPO, BUFF, CATO, CUVA, EFMO, FIIS, GATE, GEWA, GRPO, HAFE, HOCU, HOSP, INDU, ISRO, LIBO, MABI, MANA, MIMA, MISS, OZAR, PERI, PIPE, PIRO, PRWI, SACN SAGA, SLBE, THST, VOYA, WEFA
Passeriformes	Muscicapidae	Myadestes townsendi	APIS, BUFF, GATE, GRPO, INDU, MISS, TAPR
Passeriformes	Muscicapidae	Sialia sialis	ACAD, ANTI, APIS, ARPO, BUFF, CATO, CUVA, EFMO, FIIS, GATE, GEWA, GRPO, GWCA, HAFE, HOCU, HOME, HOSP, INDU, ISRO, LIBO, MABI, MANA, MISS, OZAR, PERI, PIPE, PIRO, PRWI, SACN, SLBE, TAPR, THST, VOYA, WICR
Passeriformes	Muscicapidae	Turdus iliacus	GATE
Passeriformes	Muscicapidae	Turdus migratorius	ACAD, ANTI, APIS, ARPO, BUFF, CATO, CUVA, EFMO, FIIS, GATE, GEWA, GRPO, GWCA, HAFE, HEHO, HOCU, HOME, HOSP, INDU, ISRO, LIBO, MABI, MANA, MIMA, MISS, OZAR, PERI, PIPE, PIRO, PRWI, SACN, SAGA, SAIR, SLBE, TAPR, THST, VOYA, WICR
Passeriformes	Paridae	Baeolophus bicolor	ANTI, ARPO, BUFF, CATO, CUVA, EFMO, FIIS, GATE, GEWA, GWCA, HAFE, HOCU, HOME, INDU, LIBO, MABI, MANA, MIMA, MISS, OZAR, PERI, PRWI, SACN, SAIR, SLBE, TAPR, THST, WICR
Passeriformes	Paridae	Poecile atricapillus	ACAD, APIS, CATO, CUVA, EFMO, FIIS, GATE, GRPO, HAFE, HEHO, HOCU, HOME, INDU, MABI, MIMA, MISS, OZAR, PIPE, PIRO, SACN, SAGA, SAIR, SLBE, TAPR, VOYA
Passeriformes	Paridae	Poecile carolinensis	ANTI, ARPO, BUFF, CATO, GEWA, GWCA, HAFE, HOCU, LIBO, MANA, OZAR, PERI, PRWI, THST, WICR
Passeriformes	Paridae	Poecile hudsonica	ACAD, APIS, GRPO, MISS, VOYA
Passeriformes	Passeridae	Anthus rubescens	ACAD, ANTI, APIS, ARPO, BUFF, CUVA, FIIS, GATE, GEWA, GRPO, GWCA, HOCU, INDU, ISRO, MISS, MORR, SLBE, VOYA
Passeriformes	Passeridae	Anthus spragueii	ARPO
Passeriformes	Passeridae	Passer domesticus	ANTI, APIS, BUFF, CATO, CUVA, EFMO, FIIS, GATE, GEWA, GWCA, HAFE, HEHO, HOCU, HOME, HOSP, INDU, ISRO, LIBO, MANA, MIMA, MISS, OZAR, PIPE, PRWI, SACN, SAIR, SLBE, TAPR WEFA, WICR
Passeriformes	Regulidae	Regulus calendula	ACAD, ANTI, APIS, BUFF, CATO, CUVA, EFMO, FIIS, GATE, GEWA, GRPO, GWCA, HAFE, HOCU, HOME, HOSP, INDU, ISRO, MANA, MISS, MORR, OZAR, PIRO, PRWI, SACN, SLBE, THST, VOYA
Passeriformes	Regulidae	Regulus satrapa	ACAD, ANTI, APIS, BUFF, CATO, CUVA, EFMO, FIIS, GATE, GEWA, GRPO, GWCA, HAFE, HOCU, HOSP, INDU, ISRO, MABI, MANA, MISS, MORR, OZAR, PIPE, PIRO, PRWI, SACN, SAGA, SLBE, THST, VOYA
Passeriformes	Sittidae	Sitta canadensis	ACAD, APIS, ARPO, BUFF, CATO, CUVA, FIIS, GATE, GEWA, GRPO, HAFE, HOCU, HOSP, INDU, ISRO, MABI, MANA, MISS, MORR, OZAR, PIRO, PRWI, SACN, SAGA, SLBE, THST, VOYA
Passeriformes	Sittidae	Sitta carolinensis	ACAD, ANTI, APIS, ARPO, BUFF, CATO, CUVA, EFMO, FIIS, GATE, GEWA, GRPO, GWCA, HAFE, HOCU, HOME, HOSP, INDU, ISRO, LIBO, MABI, MANA, MIMA, MISS, OZAR, PERI, PIPE, PIRO, PRWI, SACN, SAGA, SAIR, SLBE, TAPR, THST, VOYA, WICR
Passeriformes	Sturnidae	Dumetella carolinensis	ACAD, ANTI, APIS, ARPO, BUFF, CATO, CUVA, EFMO, FIIS, GATE, GEWA, GRPO, GWCA, HAFE, HEHO, HOCU, HOME, HOSP, INDU, ISRO, LIBO, MABI, MANA, MIMA, MISS, OZAR, PIPE, PIRO, PRWI, SACN, SAGA, SAIR, SLBE, TAPR, THST, VOYA WICR
Passeriformes	Sturnidae	Mimus polyglottos	ANTI, APIS, ARPO, BUFF, CATO, CUVA, FIIS, GATE, GEWA, GWCA, HAFE, HOCU, HOSP, INDU, ISRO, MANA, MIMA, MISS, OZAR, PERI, PIRO, SAIR, SLBE, TAPR, THST, VOYA, WEFA, WICR

Passeriformes	Sturnidae	Oreoscoptes montanus	GATE
Passeriformes	Sturnidae	Sturnus vulgaris	ANTI, APIS, ARPO, BUFF, CATO, CUVA, EFMO, FIIS, GATE, GEWA, GRPO, GWCA, HAFE, HEHO, HOCU, HOME, HOSP, INDU, ISRO, LIBO, MANA, MIMA, MISS, OZAR, PERI, PIPE, PIRO, PRWI, SACN, SAIR, SLBE, TAPR, THST, VOYA, WEFA, WICR
Passeriformes	Sturnidae	Toxostoma rufum	ACAD, ANTI, APIS, ARPO, BUFF, CATO, CUVA, EFMO, FIIS, GATE, GEWA, GRPO, GWCA, HAFE, HEHO, HOCU, HOME, HOSP, INDU, ISRO, LIBO, MABI, MANA, MIMA, MISS, MORR, OZAR, PERI, PIPE, PIRO, PRWI, SACN, SLBE, TAPR, THST, VOYA, WICR
Passeriformes	Troglodytidae	Cistothorus palustris	ACAD, APIS, ARPO, BUFF, CUVA, FIIS, GATE, GEWA, GWCA, INDU, ISRO, MANA, MORR, SACN, SLBE, VOYA
Passeriformes	Turdidae	Ixoreus naevius	INDU
Passeriformes	Tyrannidae	Contopus cooperi	ACAD, APIS, BUFF, CUVA, FIIS, GATE, GRPO, INDU, ISRO, MISS, MORR, PIRO, SACN, SLBE, VOYA
Passeriformes	Tyrannidae	Contopus sordidulus	ISRO
Passeriformes	Tyrannidae	Contopus virens	ACAD, ANTI, APIS, ARPO, BUFF, CATO, CUVA, EFMO, FIIS, GATE, GEWA, GRPO, GWCA, HAFE, HEHO, HOCU, HOME, HOSP, INDU, ISRO, LIBO, MABI, MANA, MIMA, MISS, OZAR, PERI, PIRO, PRWI, SACN, SAGA, SLBE, TAPR, THST, VOYA, WEFA, WICR
Passeriformes	Tyrannidae	Empidonax alnorum	ACAD, APIS, BUFF, CUVA, FIIS, GATE, GRPO, GWCA, INDU, ISRO, MIMA, MISS, PIRO, SACN, SAGA, SLBE, VOYA
Passeriformes	Tyrannidae	Empidonax flaviventris	ACAD, APIS, BUFF, CUVA, FIIS, GATE, GRPO, HOCU, INDU, ISRO, MISS, MORR, PIRO, SACN, SLBE, TAPR, VOYA
Passeriformes	Tyrannidae	Empidonax minimus	ACAD, APIS, BUFF, CATO, CUVA, EFMO, FIIS, GATE, GRPO, GWCA, HOCU, INDU, ISRO, LIBO, MABI, MISS, MORR, PIPE, PIRO, SACN, SAGA, SLBE, TAPR, VOYA, WEFA
Passeriformes	Tyrannidae	Empidonax occidentalis	FIIS
Passeriformes	Tyrannidae	Empidonax traillii	ACAD, APIS, BUFF, CUVA, EFMO, FIIS, GATE, HOCU, INDU, ISRO, MANA, MISS, MORR, OZAR, PIRO, PRWI, SACN, SAGA, SLBE
Passeriformes	Tyrannidae	Empidonax virescens	ANTI, ARPO, BUFF, CATO, CUVA, EFMO, FIIS, GATE, GEWA, GWCA, HAFE, HOCU, INDU, LIBO, MANA, MISS, MORR, OZAR, PERI, PRWI, SACN, TAPR, THST, WICR
Passeriformes	Tyrannidae	Myiarchus crinitus	ACAD, ANTI, APIS, ARPO, BUFF, CATO, CUVA, EFMO, FIIS, GATE, GEWA, GRPO, GWCA, HAFE, HEHO, HOCU, HOME, HOSP, INDU, ISRO, LIBO, MABI, MANA, MIMA, MISS, OZAR, PERI, PIPE, PIRO, PRWI, SACN, SAGA, SLBE, TAPR, THST, VOYA, WEFA, WICR
Passeriformes	Tyrannidae	Sayornis phoebe	ACAD, ANTI, APIS, ARPO, BUFF, CATO, CUVA, EFMO, FIIS, GATE, GEWA, GRPO, GWCA, HAFE, HOCU, HOME, HOSP, INDU, ISRO, LIBO, MABI, MANA, MIMA, MISS, OZAR, PERI, PIPE, PIRO, PRWI, SACN, SAIR, SLBE, TAPR, THST, VOYA, WICR
Passeriformes	Tyrannidae	Sayornis saya	FIIS
Passeriformes	Tyrannidae	Tyrannus forficatus	BUFF, FIIS, GWCA, MISS, PERI, TAPR
Passeriformes	Tyrannidae	Tyrannus savana	FIIS
Passeriformes	Tyrannidae	Tyrannus tyrannus	ACAD, ANTI, APIS, ARPO, BUFF, CATO, CUVA, EFMO, FIIS, GATE, GEWA, GRPO, GWCA, HAFE, HEHO, HOCU, HOME, HOSP, INDU, ISRO, MABI, MANA, MIMA, MISS, MORR, OZAR, PERI, PIPE, PIRO, PRWI, SACN, SLBE, TAPR, THST, VOYA, WEFA, WICR
Passeriformes	Tyrannidae	Tyrannus verticalis	APIS, CUVA, FIIS, GATE, GWCA, HOME, ISRO, MISS, SACN, SLBE, TAPR
Passeriformes	Vireonidae	Vireo bellii	ARPO, FIIS, GWCA, HOCU, INDU, MISS, OZAR, WICR
Passeriformes	Vireonidae	Vireo flavifrons	ACAD, APIS, ARPO, BUFF, CATO, CUVA, EFMO, FIIS, GATE, GEWA, HAFE, HOCU, HOME, INDU, ISRO, LIBO, MANA, MISS, OZAR, PIRO, PRWI, SACN, SLBE, TAPR, THST, WEFA, WICR
Passeriformes	Vireonidae	Vireo gilvus	ACAD, ANTI, APIS, ARPO, BUFF, CUVA, EFMO, FIIS, GATE, GWCA, HAFE, HEHO, HOCU, HOME, INDU, ISRO, LIBO, MANA, MIMA, MISS, MORR, OZAR, PERI, PIPE, PIRO, PRWI, SACN, SLBE, TAPR, VOYA
Passeriformes	Vireonidae	Vireo griseus	ACAD, ANTI, ARPO, BUFF, CATO, CUVA, FIIS, GATE, GEWA, GWCA, HAFE, HOCU, HOSP, INDU, ISRO, LIBO, MANA, MORR, OZAR, PERI, PRWI, SLBE, TAPR, THST, WEFA, WICR
Passeriformes	Vireonidae	Vireo olivaceus	ACAD, ANTI, APIS, ARPO, BUFF, CATO, CUVA, EFMO, FIIS, GATE, GEWA, GRPO, GWCA, HAFE, HOCU, HOME, HOSP, INDU, ISRO, LIBO, MABI, MANA, MIMA, MISS, OZAR, PERI, PIPE, PIRO, PRWI, SACN, SAGA, SLBE, TAPR, THST, VOYA, WEFA, WICR
Passeriformes	Vireonidae	Vireo philadelphicus	ACAD, APIS, ARPO, BUFF, CUVA, EFMO, FIIS, GATE, GRPO, GWCA, HOCU, INDU, ISRO, MANA, MISS, MORR, PIRO, SACN, SLBE, VOYA

Passeriformes	Vireonidae	Vireo solitarius	ACAD, ANTI, APIS, BUFF, CATO, CUVA, FIIS, GATE, GRPO, GWCA, HAFE, HOCU, INDU, ISRO, LIBO, MABI, MANA, MISS, MORR, OZAR, PIRO, PRWI, SACN, SAGA, SLBE, VOYA, WEFA
Piciformes	Picidae	Colaptes auratus	ACAD, ANTI, APIS, ARPO, BUFF, CATO, CUVA, EFMO, FIIS, GATE, GEWA, GRPO, GWCA, HAFE, HEHO, HOCU, HOME, HOSP, INDU, ISRO, LIBO, MABI, MANA, MIMA, MISS, OZAR, PIPE, PIRO, PRWI, SACN, SAGA, SLBE, TAPR, THST, VOYA, WICR
Piciformes	Picidae	Dryocopus pileatus	ACAD, ANTI, APIS, ARPO, BUFF, CATO, CUVA, EFMO, GEWA, GRPO, GWCA, HAFE, HOCU, HOSP, INDU, ISRO, LIBO, MABI, MANA, MISS, OZAR, PERI, PIRO, PRWI, SACN, SLBE, TAPR, THST, VOYA, WEFA, WICR
Piciformes	Picidae	Melanerpes carolinus	ACAD, ANTI, APIS, ARPO, BUFF, CATO, CUVA, EFMO, FIIS, GATE, GEWA, GRPO, GWCA, HAFE, HEHO, HOCU, HOME, HOSP, INDU, LIBO, MANA, MISS, OZAR, PERI, PRWI, SACN, SAIR, SLBE, TAPR, THST, WEFA WICR
Piciformes	Picidae	Melanerpes erythrocephalus	ANTI, APIS, ARPO, BUFF, CATO, CUVA, EFMO, FIIS, GATE, GEWA, GRPO, GWCA, HOCU, HOME, HOSP, INDU, ISRO, MANA, MISS, MORR, OZAR, PIPE, PIRO, PRWI, SACN, SLBE, TAPR, VOYA, WICR
Piciformes	Picidae	Picoides arcticus	ACAD, APIS, CUVA, GRPO, INDU, ISRO, SACN, VOYA
Piciformes	Picidae	Picoides dorsalis	APIS
Piciformes	Picidae	Picoides pubescens	ACAD, ANTI, APIS, ARPO, BUFF, CATO, CUVA, EFMO, FIIS, GATE, GEWA, GRPO, GWCA, HAFE, HEHO, HOCU, HOME, HOSP, INDU, ISRO, LIBO, MABI, MANA, MIMA, MISS, OZAR, PERI, PIPE, PIRO, PRWI, SACN, SAGA, SLBE, TAPR, THST, VOYA WEFA, WICR
Piciformes	Picidae	Picoides tridactylus	ACAD, GRPO, ISRO, VOYA
Piciformes	Picidae	Picoides villosus	ACAD, ANTI, APIS, ARPO, BUFF, CATO, CUVA, EFMO, FIIS, GATE, GEWA, GRPO, GWCA, HAFE, HOCU, HOSP, INDU, ISRO, LIBO, MABI, MANA, MIMA, MISS, OZAR, PIPE, PIRO, PRWI, SACN, SAGA, SLBE, TAPR, THST, VOYA, WEFA, WICR
Piciformes	Picidae	Sphyrapicus thyroideus	FIIS
Piciformes	Picidae	Sphyrapicus varius	ACAD, ANTI, APIS, BUFF, CATO, CUVA, EFMO, FIIS, GATE, GEWA, GRPO, GWCA, HAFE, HOCU, HOSP, INDU, ISRO, MABI, MANA, MISS, OZAR, PIRO, PRWI, SACN, SAGA, SLBE, THST, VOYA
Psittaciformes	Psittacidae	Myiopsitta monachus	GATE
Strigiformes	Caprimulgidae	Caprimulgus carolinensis	BUFF, FIIS, GWCA, HOSP, INDU, OZAR
Strigiformes	Caprimulgidae	Caprimulgus vociferus	ACAD, APIS, ARPO, BUFF, CUVA, FIIS, GATE, GRPO, GWCA, HOCU, HOSP, INDU, ISRO, MISS, MORR, OZAR, PIPE, PIRO, PRWI, SACN, SLBE, TAPR, THST, VOYA, WICR
Strigiformes	Caprimulgidae	Chordeiles minor	ACAD, ANTI, APIS, BUFF, CUVA, EFMO, FIIS, GATE, GRPO, GWCA, HEHO, HOCU, HOSP, INDU, ISRO, MISS, MORR, OZAR, PIPE, PIRO, SACN, SLBE, TAPR, VOYA, WICR
Strigiformes	Strigidae	Aegolius acadicus	ACAD, APIS, CUVA, FIIS, GATE, GRPO, INDU, ISRO, MANA, MISS, MORR, OZAR, PIRO, SACN, SLBE, VOYA
Strigiformes	Strigidae	Aegolius funereus	ISRO, SACN, VOYA
Strigiformes	Strigidae	Asio flammeus	CUVA, FIIS, GATE, INDU, ISRO, MISS, SACN, SLBE, VOYA
Strigiformes	Strigidae	Asio otus	ACAD, APIS, CUVA, FIIS, GATE, INDU, ISRO, MANA, MISS, MORR, SACN, VOYA
Strigiformes	Strigidae	Bubo scandiacus	ACAD, APIS, CUVA, FIIS, GATE, GRPO, ISRO, MISS, MORR, OZAR, PIRO, SACN, SLBE, VOYA
Strigiformes	Strigidae	Bubo virginianus	ACAD, ANTI, APIS, BUFF, CATO, CUVA, EFMO, FIIS, GATE, GEWA, GRPO, GWCA, HOCU, HOME, HOSP, INDU, ISRO, MANA, MISS, MORR, OZAR, PERI, PIPE, PIRO, PRWI, SACN, SLBE, TAPR, THST, VOYA
Strigiformes	Strigidae	Megascops asio	ACAD, ANTI, BUFF, CATO, CUVA, EFMO, FIIS, GWCA, HOCU, HOSP, INDU, MISS, MORR, OZAR, PIRO, PRWI, SACN, SLBE
Strigiformes	Strigidae	Strix nebulosa	APIS, GRPO, MISS, SACN, VOYA
Strigiformes	Strigidae	Strix varia	ACAD, ANTI, APIS, ARPO, BUFF, CATO, CUVA, EFMO, GEWA, GRPO, GWCA, HOCU, HOSP, INDU, ISRO, LIBO, MABI, MANA, MISS, MORR, OZAR, PIRO, PRWI, SACN, SAGA, SLBE, TAPR, THST, VOYA, WICR
Strigiformes	Strigidae	Surnia ulula	ACAD, ISRO, SACN, VOYA
Strigiformes	Tytonidae	Tyto alba	ARPO, BUFF, CUVA, FIIS, GATE, MANA, MORR, PRWI, WEFA
Trochiliformes	Trochilidae	Archilochus colubris	ACAD, ANTI, APIS, ARPO, BUFF, CATO, CUVA, EFMO, FIIS, GATE, GEWA, GRPO, GWCA, HAFE, HEHO, HOCU, HOSP, INDU, ISRO, LIBO, MABI, MANA, MISS, MORR, OZAR, PERI, PIPE, PIRO, PRWI, SACN, SLBE, TAPR, THST, VOYA, WEFA, WICR

Mammals

OrderName	FamilyName	Genus Species	Park Codes
Artiodactyla	Cervidae	Alces alces	ACAD, APIS, GRPO, ISRO, MABI, PIRO, SACN, VOYA
Artiodactyla	Cervidae	Cervus elaphus	BUFF
Artiodactyla	Cervidae	Odocoileus virginianus	ACAD, ANTI, APIS, ARPO, BUFF, CATO, CUVA, EFMO, GRPO, GWCA, HAFE, HEHO, HOCU, HOME, INDU, LIBO, MABI, MANA, MIMA, MISS, MORR, OZAR, PERI, PIPE, PIRO, PRWI, SACN, SAGA, SARA, SLBE, TAPR, VOYA, WEFA, WICR
Carnivora	Canidae	Canis familiaris	GWCA, INDU, MIMA
Carnivora	Canidae	Canis latrans	ACAD, APIS, ARPO, CATO, CUVA, EFMO, GRPO, GWCA, HOCU, HOME, INDU, LIBO, MABI, MIMA, MISS, MORR, OZAR, PIRO, SACN, SARA, SLBE, TAPR, VOYA, WICR
Carnivora	Canidae	Canis lupus	GRPO, ISRO, PIRO, SACN, VOYA
Carnivora	Canidae	Urocyon cinereoargenteus	ANTI, CATO, CUVA, HAFE, HOSP, INDU, MABI, MANA, MIMA, MISS, OZAR, PERI, PRWI, SACN, WICR
Carnivora	Canidae	Vulpes vulpes	ACAD, ANTI, APIS, CATO, CUVA, EFMO, GWCA, HAFE, HEHO, HOCU, HOME, HOSP, INDU, ISRO, LIBO, MABI, MANA, MIMA, MISS, OZAR, PIPE, PIRO, PRWI, SACN, SARA, SLBE, VOYA, WICR
Carnivora	Felidae	Felis catus	MIMA
Carnivora	Felidae	Felis silvestris	INDU
Carnivora	Felidae	Lynx canadensis	GRPO, VOYA
Carnivora	Felidae	Lynx rufus	CATO, EFMO, GRPO, HOSP, MISS, OZAR, PIRO, SACN, SLBE, TAPR, WICR
Carnivora	Felidae	Puma concolor	OZAR
Carnivora	Mephitidae	Mephitis mephitis	ANTI, APIS, CATO, CUVA, EFMO, GRPO, GWCA, HEHO, HOCU, HOME, HOSP, INDU, MABI, MANA, MIMA, MISS, OZAR, PERI, PIPE, PIRO, PRWI, SACN, SAGA, SARA, SLBE, TAPR, VOYA
Carnivora	Mephitidae	Spilogale putorius	OZAR
Carnivora	Mustelidae	Lontra canadensis	ACAD, APIS, EFMO, GRPO, HOSP, ISRO, MANA, MIMA, MISS, OZAR, PIRO, PRWI, SACN, SAGA, SARA, SLBE, VOYA
Carnivora	Mustelidae	Martes americana	GRPO, ISRO, PIRO, SACN, VOYA
Carnivora	Mustelidae	Martes pennanti	ACAD, APIS, GRPO, MABI, PIRO, SACN, SAGA, VOYA
Carnivora	Mustelidae	Mustela erminea	ACAD, APIS, GRPO, ISRO, PIPE, PIRO, SACN, SARA, SLBE, VOYA
Carnivora	Mustelidae	Mustela frenata	ACAD, ANTI, APIS, CATO, CUVA, HAFE, INDU, MIMA, MISS, OZAR, PIRO, PRWI, SACN, SARA, SLBE
Carnivora	Mustelidae	Mustela nivalis	CUVA, GRPO, HOCU, HOME, INDU, PIPE, SACN, SLBE
Carnivora	Mustelidae	Neovison vison	ACAD, ANTI, APIS, ARPO, CATO, CUVA, GRPO, HEHO, HOCU, HOME, HOSP, INDU, ISRO, MABI, MANA, MIMA, MISS, OZAR, PIPE, PIRO, PRWI, SACN, SARA, SLBE, VOYA
Carnivora	Mustelidae	Taxidea taxus	HOME, MISS, OZAR, PIRO, SACN, SLBE, TAPR
Carnivora	Procyonidae	Procyon lotor	ACAD, ANTI, CATO, CUVA, EFMO, GWCA, HAFE, HEHO, HOCU, HOME, HOSP, INDU, LIBO, MABI, MANA, MIMA, MISS, OZAR, PERI, PIRO, PRWI, SACN, SAGA, SARA, SLBE, TAPR, VOYA, WICR
Carnivora	Ursidae	Ursus americanus	ACAD, APIS, BUFF, CATO, GRPO, HOSP, MABI, MANA, MISS, OZAR, PIRO, SACN, SARA, SLBE, VOYA
Chiroptera	Molossidae	Tadarida brasiliensis	HOSP

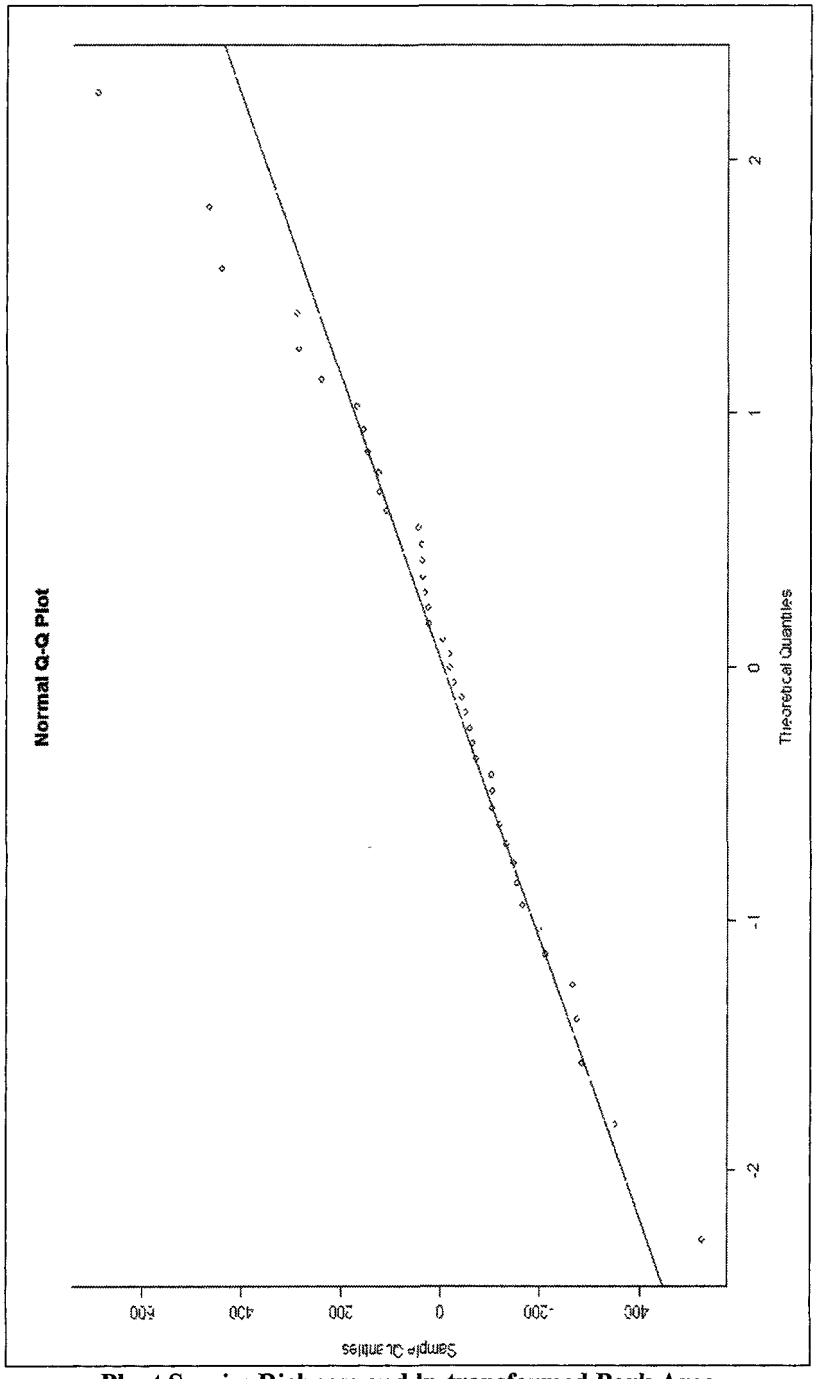
Chiroptera	Vespertilionidae	Eptesicus fuscus	ACAD, ANTI, APIS, BUFF, CATO, CUVA, GRPO, HAFE, HEHO, HOCU, HOME, HOSP, INDU, ISRO, MABI, MANA, MIMA, MISS, OZAR, PIRO, PRWI, SACN, SAGA, SLBE, TAPR, WICR
Chiroptera	Vespertilionidae	Lasionycteris noctivagans	ACAD, APIS, GRPO, HOSP, INDU, ISRO, MABI, MISS, OZAR, PIRO, PRWI, SACN, SLBE, VOYA
Chiroptera	Vespertilionidae	Lasiurus borealis	ACAD, ANTI, APIS, ARPO, BUFF, CATO, CUVA, GRPO, GWCA, HAFE, HEHO, HOCU, HOME, HOSP, INDU, ISRO, LIBO, MABI, MANA, MIMA, MISS, OZAR, PERI, PIRO, PRWI, SACN, SLBE, TAPR, WICR
Chiroptera	Vespertilionidae	Lasiurus cinereus	ACAD, ANTI, APIS, BUFF, CATO, CUVA, GRPO, HAFE, HOCU, HOSP, ISRO, MABI, MISS, OZAR, PIRO, SLBE
Chiroptera	Vespertilionidae	Myotis austroriparius	HOSP
Chiroptera	Vespertilionidae	Myotis grisescens	BUFF, OZAR, WICR
Chiroptera	Vespertilionidae	Myotis keenii	ACAD, ANTI, APIS, BUFF, CUVA, GRPO, HAFE, HOCU, HOME, HOSP, INDU, ISRO, MABI, MISS, OZAR, PERI, PIRO, PRWI, SAGA, TAPR, VOYA
Chiroptera	Vespertilionidae	Myotis leibii	BUFF, CATO
Chiroptera	Vespertilionidae	Myotis lucifugus	ACAD, ANTI, APIS, BUFF, CATO, CUVA, GRPO, HAFE, HEHO, HOCU, HOSP, INDU, ISRO, MABI, MISS, OZAR, PIRO, PRWI, SACN, SAGA, SLBE, VOYA
Chiroptera	Vespertilionidae	Myotis sodalis	BUFF, CUVA, INDU, OZAR
Chiroptera	Vespertilionidae	Nycticeius humeralis	BUFF, HOCU, HOME, HOSP, INDU, OZAR, PRWI
Chiroptera	Vespertilionidae	Pipistrellus subflavus	ANTI, BUFF, CATO, CUVA, HAFE, HEHO, HOCU, HOSP, INDU, MABI, MANA, MISS, OZAR, PERI, PRWI, SACN, TAPR
Chiroptera	Vespertilionidae	Plecotus townsendii	BUFF
Didelphimorphia	Didelphidae	Didelphis marsupialis	CATO, GWCA, HAFE, PRWI
Didelphimorphia	Didelphidae	Didelphis virginiana	ANTI, ARPO, CUVA, GWCA, HOCU, HOME, HOSP, INDU, LIBO, MANA, MIMA, MISS, OZAR, PERI, PRWI, SACN, SARA, SLBE, TAPR, WICR
Insectivora	Soricidae	Blarina brevicauda	ACAD, ANTI, APIS, ARPO, CATO, CUVA, EFMO, GRPO, HAFE, HOCU, HOME, HOSP, INDU, LIBO, MABI, MANA, MIMA, MISS, PERI, PIPE, PIRO, PRWI, SACN, SAGA, SARA, SLBE, VOYA
Insectivora	Soricidae	Blarina carolinensis	HOSP
Insectivora	Soricidae	Blarina hylophaga	GWCA, OZAR, TAPR, WICR
Insectivora	Soricidae	Cryptotis parva	ANTI, ARPO, CATO, EFMO, GWCA, HAFE, HOCU, HOSP, PRWI, TAPR, WICR
Insectivora	Soricidae	Sorex arcticus	GRPO, PIRO, VOYA
Insectivora	Soricidae	Sorex cinereus	ACAD, ANTI, APIS, CATO, CUVA, EFMO, GRPO, HEHO, HOCU, HOME, INDU, MABI, MIMA, MISS, PIPE, PIRO, SACN, SAGA, SARA, SLBE, VOYA
Insectivora	Soricidae	Sorex fumeus	ACAD, CATO, CUVA, HAFE, MABI, SAGA, SARA
Insectivora	Soricidae	Sorex hoyi	ACAD, CATO, PIRO, PRWI, VOYA
Insectivora	Soricidae	Sorex longirostris	HAFE, OZAR, PRWI, WICR
Insectivora	Soricidae	Sorex palustris	ACAD, VOYA
Insectivora	Talpidae	Condylura cristata	ACAD, CUVA, INDU, MABI, MIMA, MISS, PIRO, PRWI, SACN, SAGA, SARA, SLBE, VOYA
Insectivora	Talpidae	Parascalops breweri	CUVA, MABI, SAGA
Insectivora	Talpidae	Scalopus aquaticus	ANTI, ARPO, CUVA, EFMO, GWCA, HAFE, HEHO, HOCU, HOME, HOSP, INDU, LIBO, MANA, MISS, OZAR, PRWI, SARA, SLBE, TAPR, WICR
Lagomorpha	Leporidae	Lepus americanus	ACAD, APIS, GRPO, ISRO, MISS, PIRO, SACN, SLBE, VOYA
Lagomorpha	Leporidae	Lepus californicus	TAPR
Lagomorpha	Leporidae	Lepus townsendii	MISS, PIPE
Lagomorpha	Leporidae	Oryctolagus cuniculus	SLBE

Lagomorpha	Leporidae	Sylvilagus aquaticus	ARPO, OZAR
Lagomorpha	Leporidae	Sylvilagus floridanus	ANTI, ARPO, CATO, CUVA, GWCA, HAFE, HEHO, HOCU, HOME, HOSP, INDU, LIBO, MANA, MIMA, MISS, OZAR, PERI, PIPE, PRWI, SACN, SARA, SLBE, TAPR, WICR
Rodentia	Castoridae	Castor canadensis	ACAD, ANTI, APIS, ARPO, CATO, CUVA, GRPO, HOCU, HOME, HOSP, INDU, ISRO, MANA, MIMA, MISS, OZAR, PIPE, PIRO, PRWI, SACN, SAGA, SLBE, VOYA
Rodentia	Dipodidae	Napaeozapus insignis	ACAD, MABI, PIRO, SACN, SAGA, SARA, SLBE, VOYA
Rodentia	Dipodidae	Zapus hudsonius	ACAD, ANTI, APIS, CATO, CUVA, EFMO, GRPO, GWCA, HEHO, HOCU, HOME, INDU, MIMA, OZAR, PIPE, PIRO, PRWI, SACN, SAGA, SARA, SLBE, VOYA
Rodentia	Echimyidae	Myocastor coypus	MISS
Rodentia	Erethizontidae	Erethizon dorsatum	ACAD, APIS, GRPO, MABI, MISS, PIRO, SACN, SAGA, SARA, SLBE, VOYA
Rodentia	Geomyidae	Geomys bursarius	HOME, MISS, OZAR, PIPE, SACN, TAPR
Rodentia	Heteromyidae	Chaetodipus hispidus	TAPR
Rodentia	Heteromyidae	Perognathus flavescens	MISS
Rodentia	Muridae	Clethrionomys gapperi	ACAD, APIS, CATO, GRPO, HAFE, MIMA, PIRO, SACN, SLBE, VOYA
Rodentia	Muridae	Clethrionomys rutilus	CATO
Rodentia	Muridae	Microtus chrotorrhinus	VOYA
Rodentia	Muridae	Microtus ochrogaster	EFMO, GWCA, HEHO, HOCU, HOME, INDU, OZAR, TAPR, WICR
Rodentia	Muridae	Microtus pennsylvanicus	ANTI, APIS, CATO, CUVA, EFMO, HEHO, HOCU, HOME, INDU, MABI, MANA, MIMA, MISS, PIPE, PIRO, PRWI, SACN, SAGA, SARA, SLBE, VOYA
Rodentia	Muridae	Microtus pinetorum	CATO, HAFE, INDU, MISS, OZAR, PERI, PRWI, SLBE, TAPR, WICR
Rodentia	Muridae	Mus musculus	ANTI, ARPO, CATO, CUVA, HAFE, HOCU, HOSP, INDU, LIBO, MABI, MANA, MISS, OZAR, PERI, PIPE, PRWI, SACN, SARA, SLBE
Rodentia	Muridae	Neotoma floridana	ARPO, BUFF, HOSP, OZAR, PERI, TAPR, WICR
Rodentia	Muridae	Neotoma magister	HAFE
Rodentia	Muridae	Ochrotomys nuttalli	ANTI, HOSP, OZAR
Rodentia	Muridae	Ondatra zibethicus	ANTI, APIS, CATO, CUVA, EFMO, HAFE, HOCU, HOME, HOSP, INDU, ISRO, MABI, MANA, MIMA, MISS, OZAR, PIPE, PIRO, SACN, SAGA, SARA, SLBE, VOYA
Rodentia	Muridae	Oryzomys palustris	ARPO, OZAR
Rodentia	Muridae	Peromyscus attwateri	HOSP
Rodentia	Muridae	Peromyscus leucopus	ACAD, ANTI, CATO, CUVA, EFMO, GWCA, HAFE, HEHO, HOCU, HOME, HOSP, INDU, LIBO, MANA, MIMA, MISS, OZAR, PERI, PIPE, PRWI, SACN, SAGA, SARA, SLBE, TAPR, VOYA, WICR
Rodentia	Muridae	Peromyscus maniculatus	ACAD, ANTI, APIS, ARPO, CATO, GRPO, GWCA, HEHO, HOCU, HOME, INDU, ISRO, LIBO, MISS, OZAR, PERI, PIPE, PIRO, SACN, SAGA, SARA, TAPR, VOYA, WICR
Rodentia	Muridae	Rattus norvegicus	ANTI, CATO, CUVA, HOME, HOSP, INDU, MIMA, MISS, OZAR, PRWI, SACN, SARA
Rodentia	Muridae	Reithrodontomys fulvescens	GWCA, OZAR, PERI
Rodentia	Muridae	Reithrodontomys humulis	ANTI, ARPO, HOCU, PRWI
Rodentia	Muridae	Reithrodontomys megalotis	EFMO, GWCA, HEHO, HOME, MISS, OZAR, PIPE, TAPR, WICR
Rodentia	Muridae	Sigmodon hispidus	ARPO, GWCA, HOSP, TAPR, WICR
Rodentia	Muridae	Synaptomys cooperi	ACAD, EFMO, GRPO, MISS, OZAR, PRWI, VOYA

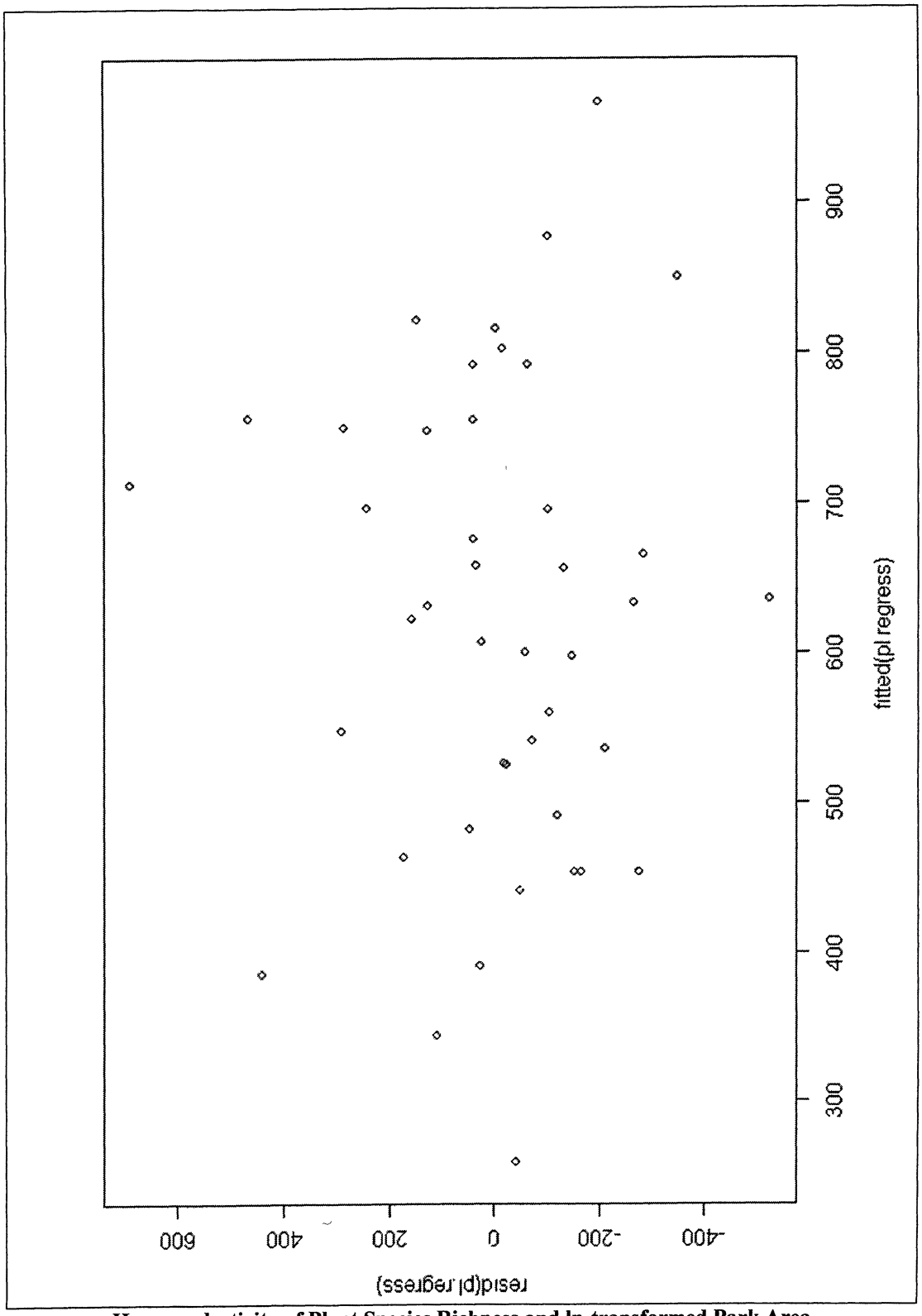
Rodentia	Sciuridae	Glaucomys sabrinus	ACAD, APIS, GRPO, MABI, PIRO, SACN, SLBE, VOYA
Rodentia	Sciuridae	Glaucomys volans	ANTI, ARPO, CATO, CUVA, EFMO, HAFE, HOCU, HOSP, INDU, MANA, OZAR, PIRO, PRWI, SACN, SLBE
Rodentia	Sciuridae	Marmota monax	ACAD, ANTI, CATO, CUVA, GWCA, HEHO, HOME, HOSP, INDU, LIBO, MABI, MANA, MIMA, MISS, OZAR, PERI, PIPE, PIRO, SACN, SAGA, SARA, SLBE, TAPR, VOYA, WEFA, WICR
Rodentia	Sciuridae	Sciurus carolinensis	ACAD, ANTI, ARPO, CATO, CUVA, EFMO, HAFE, HEHO, HOCU, HOSP, INDU, LIBO, MABI, MANA, MIMA, MISS, OZAR, PRWI, SACN, SAGA, SARA, SLBE, WEFA, WICR
Rodentia	Sciuridae	Sciurus niger	ARPO, CATO, CUVA, EFMO, GWCA, HEHO, HOCU, HOME, INDU, MANA, MISS, OZAR, PIPE, SACN, SLBE, TAPR, WICR
Rodentia	Sciuridae	Spermophilus franklinii	VOYA
Rodentia	Sciuridae	Spermophilus tridecemlineatus	HEHO, HOCU, HOME, INDU, MISS, SACN, SLBE, TAPR
Rodentia	Sciuridae	Tamias minimus	APIS, GRPO, PIRO, SACN, VOYA
Rodentia	Sciuridae	Tamias striatus	ACAD, ANTI, APIS, CATO, CUVA, EFMO, GRPO, HAFE, HOCU, HOSP, INDU, MABI, MANA, MIMA, MISS, OZAR, PERI, PIRO, PRWI, SACN, SAGA, SARA, SLBE, VOYA, WEFA
Rodentia	Sciuridae	Tamiasciurus hudsonicus	ACAD, ANTI, APIS, CATO, CUVA, GRPO, INDU, ISRO, MABI, MIMA, MISS, PIRO, SACN, SAGA, SARA, SLBE, VOYA
Xenarthra	Dasypodidae	Dasypus novemcinctus	GWCA, HOME, HOSP, OZAR, WICR

APPENDIX F

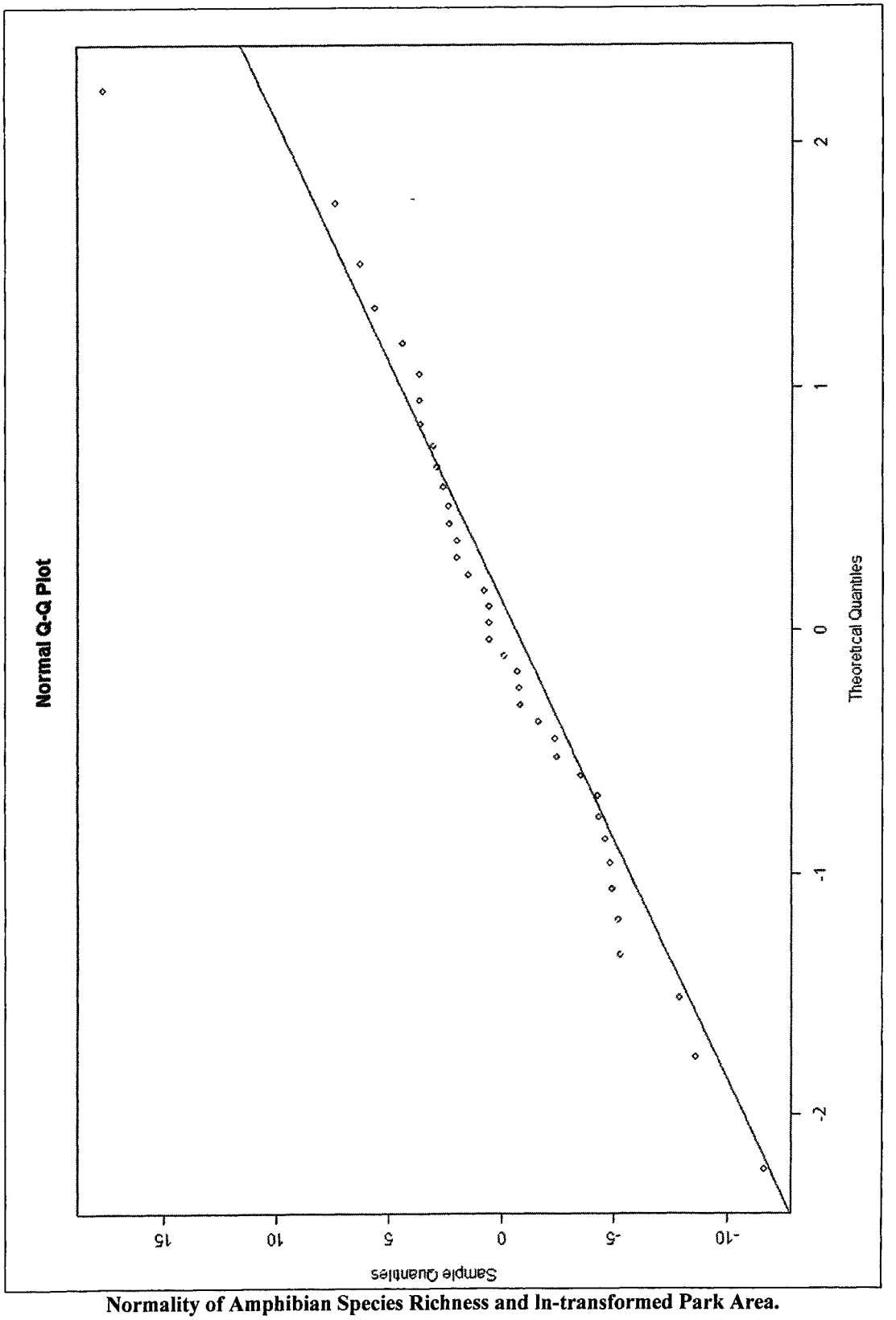
NORMALITY AND HOMOSCEDASTICITY OF RESIDUALS



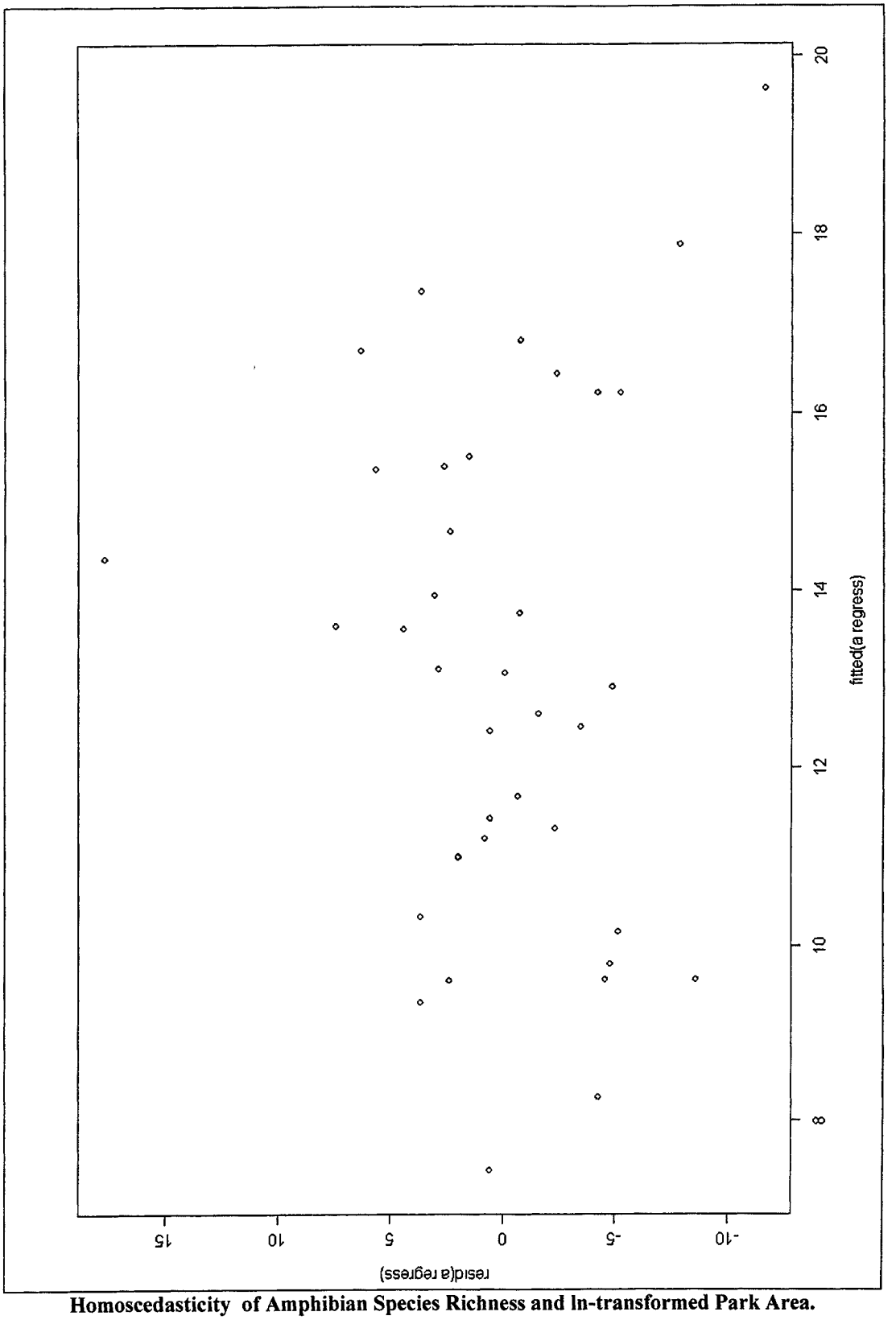
Plant Species Richness and ln-transformed Park Area



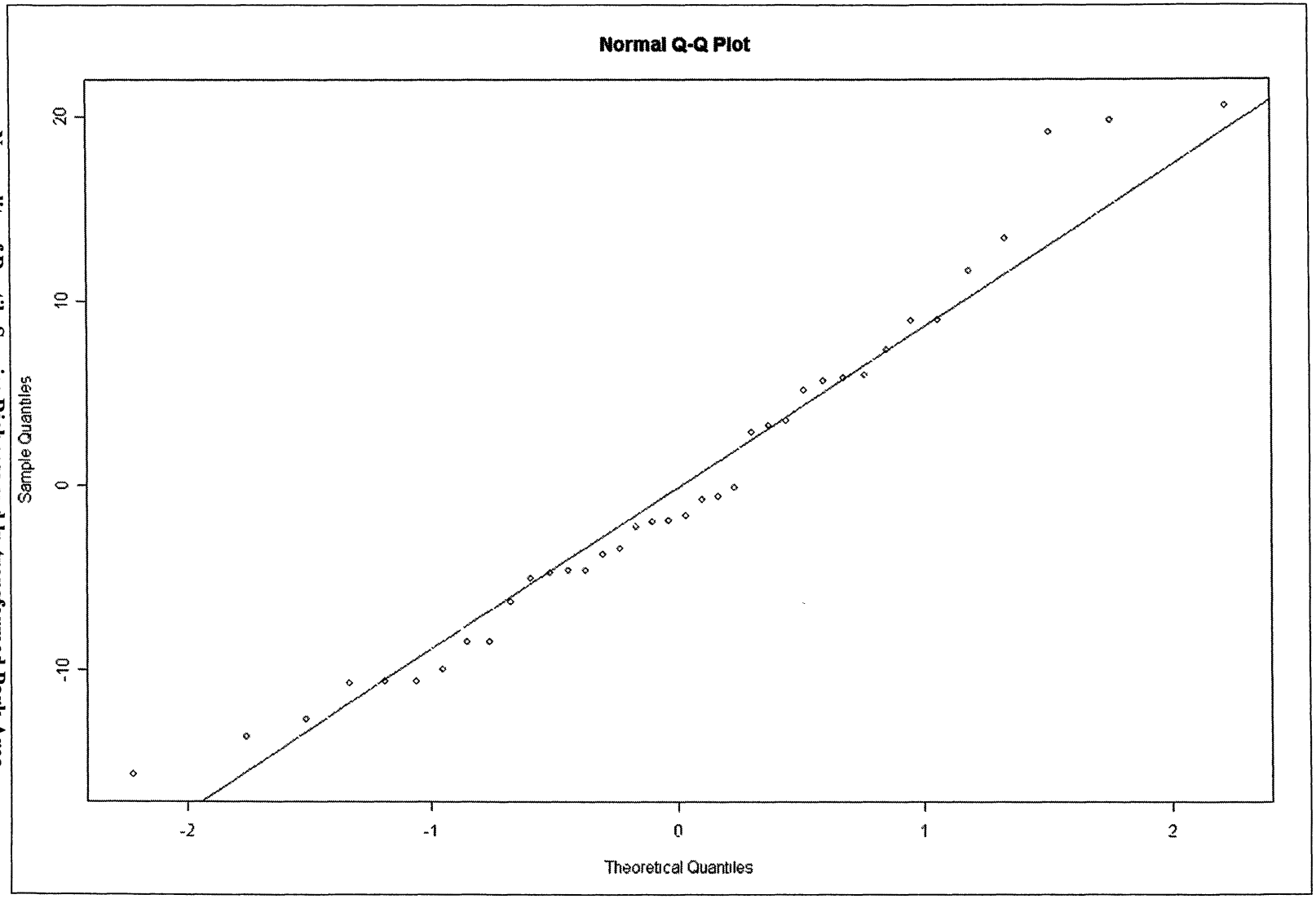
Homoscedasticity of Plant Species Richness and ln-transformed Park Area



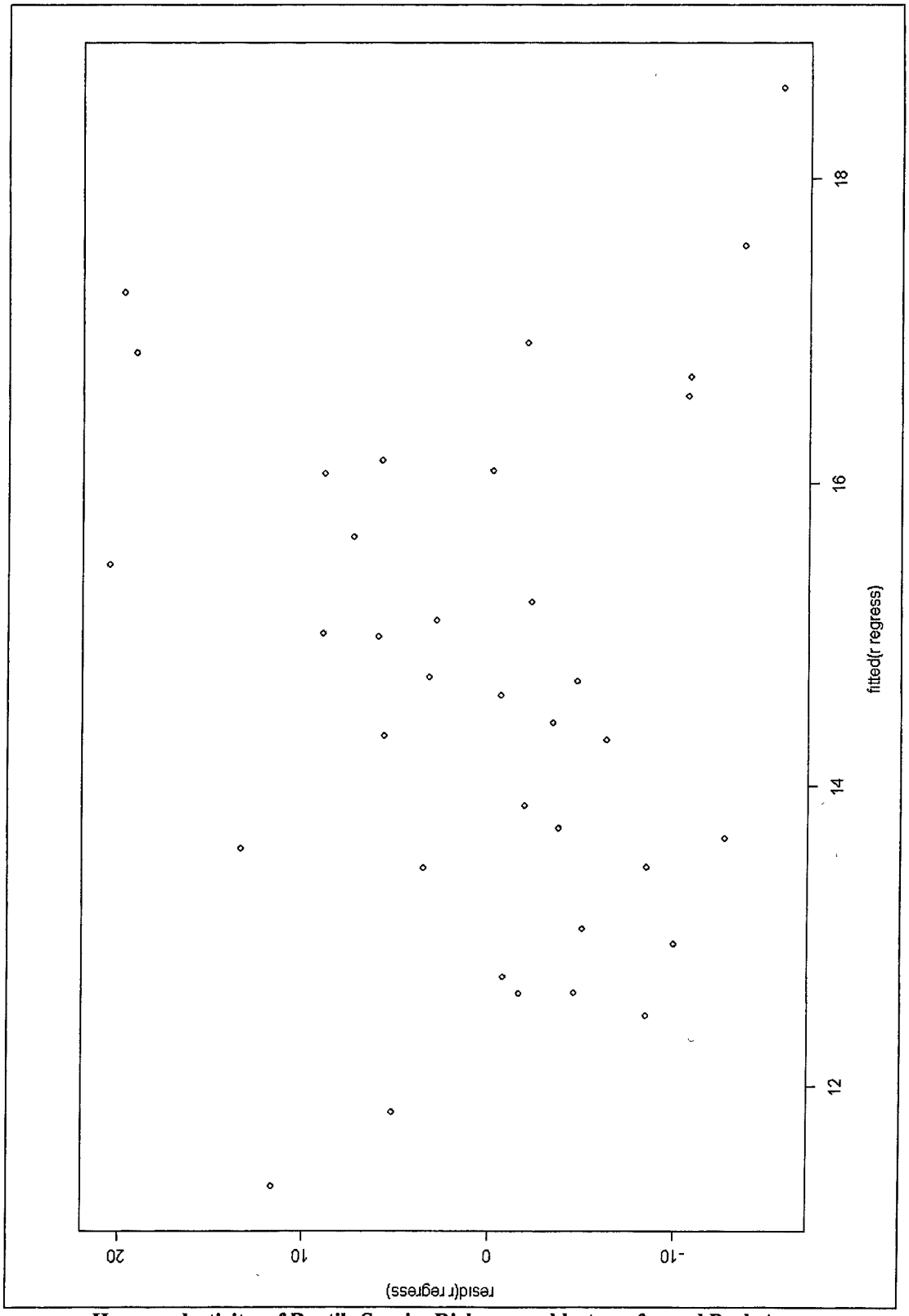
Normality of Amphibian Species Richness and ln-transformed Park Area.



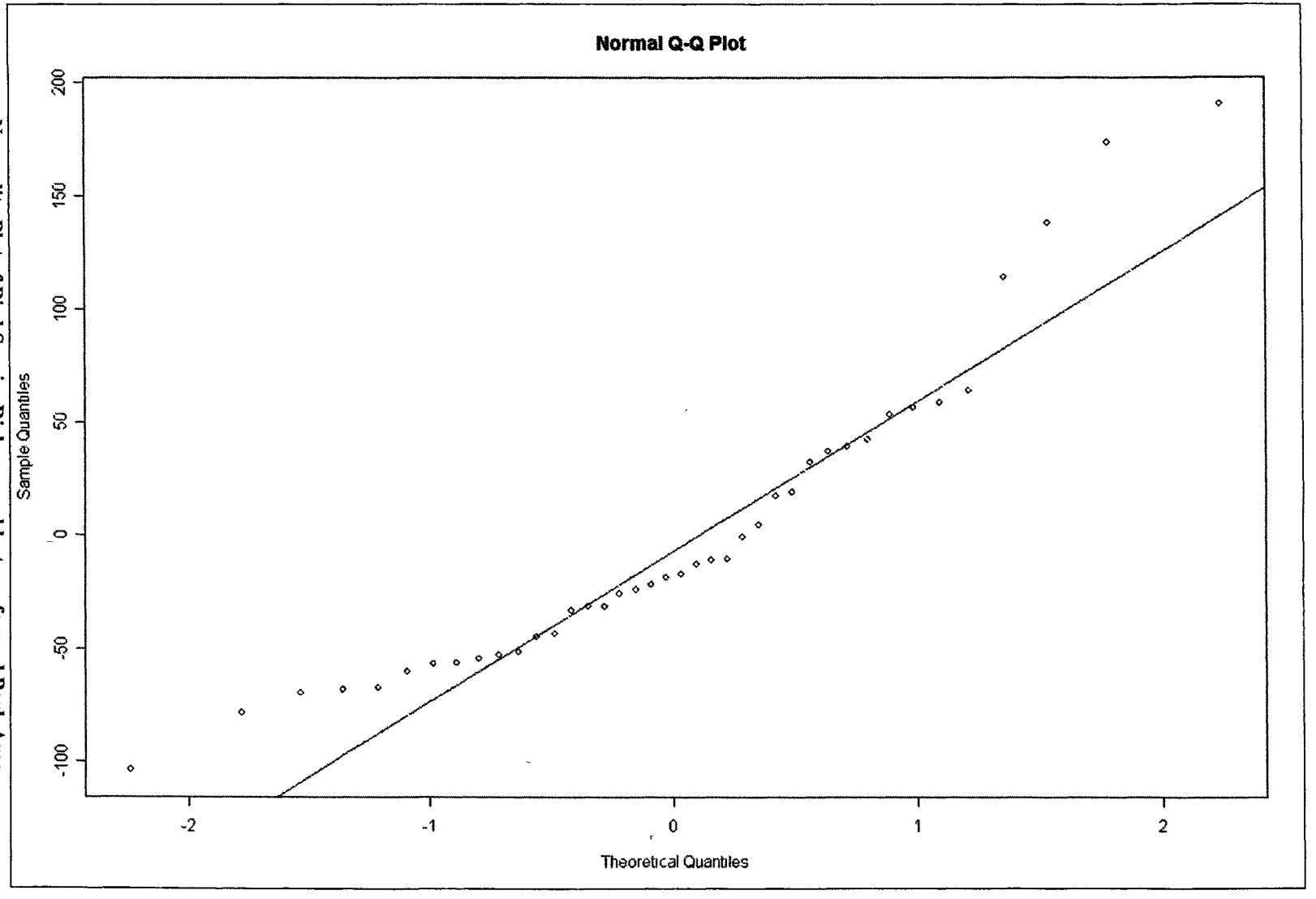
Homoscedasticity of Amphibian Species Richness and ln-transformed Park Area.



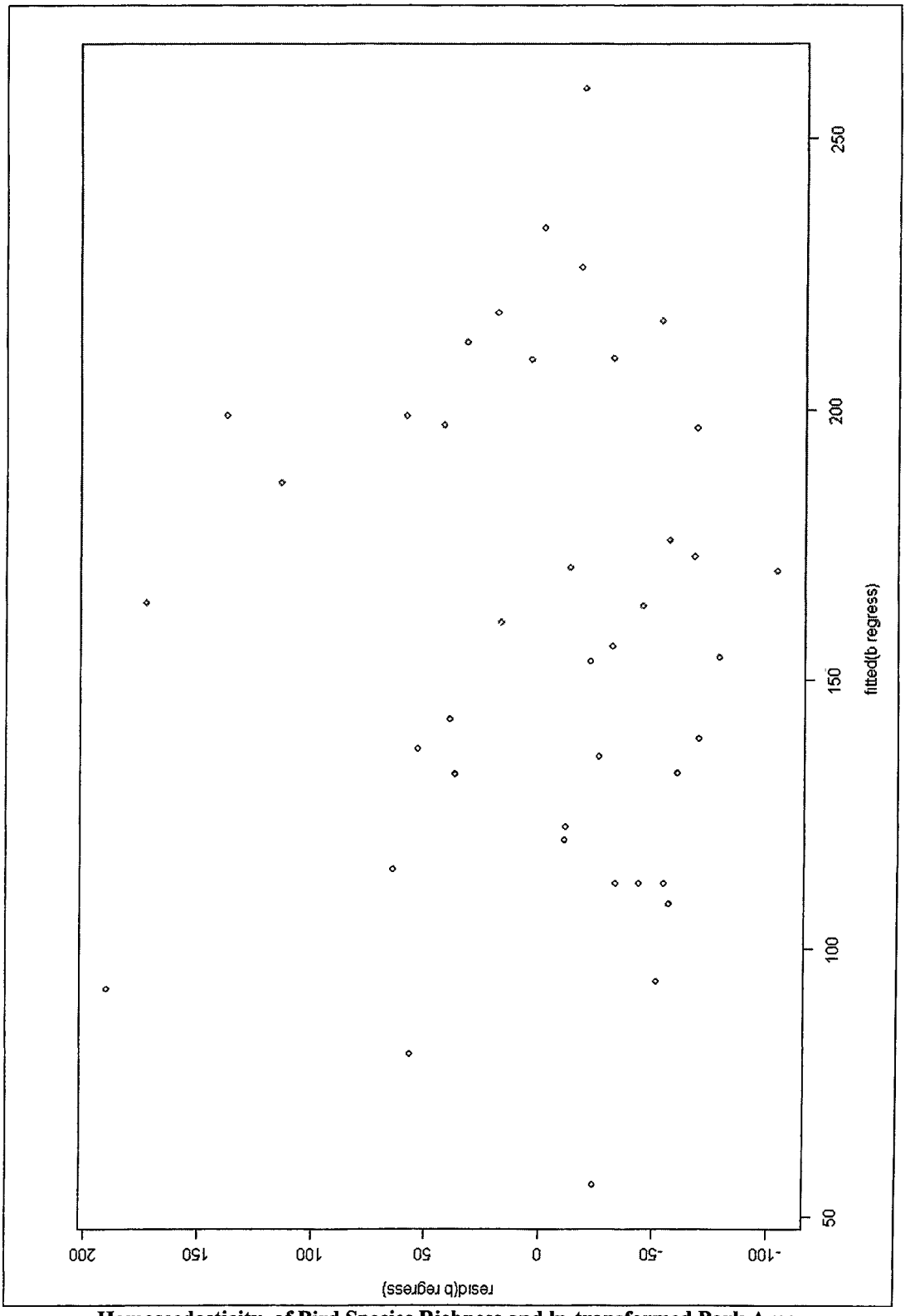
Normality of Reptile Species Richness and ln-transformed Park Area



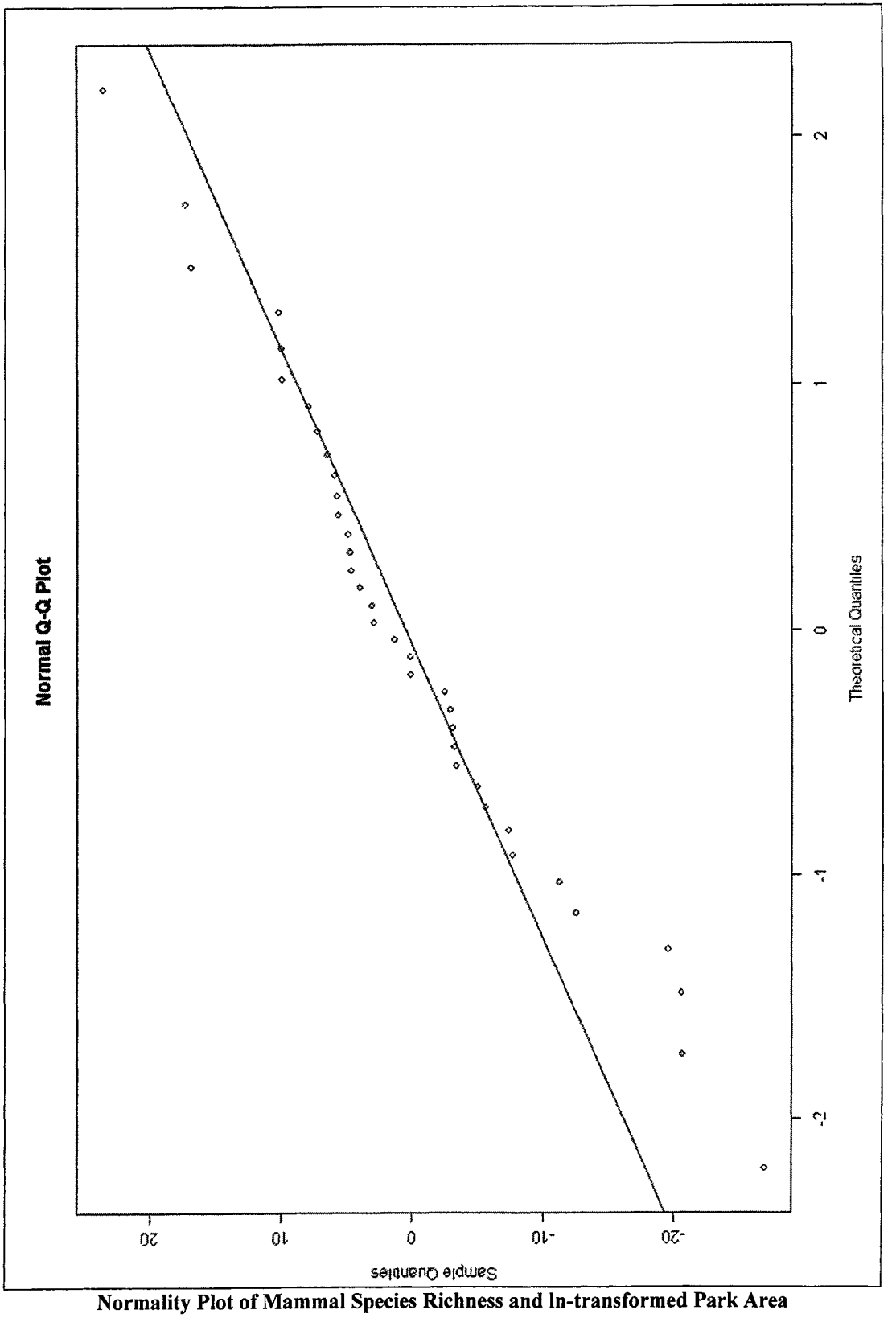
Homoscedasticity of Reptile Species Richness and ln-transformed Park Area



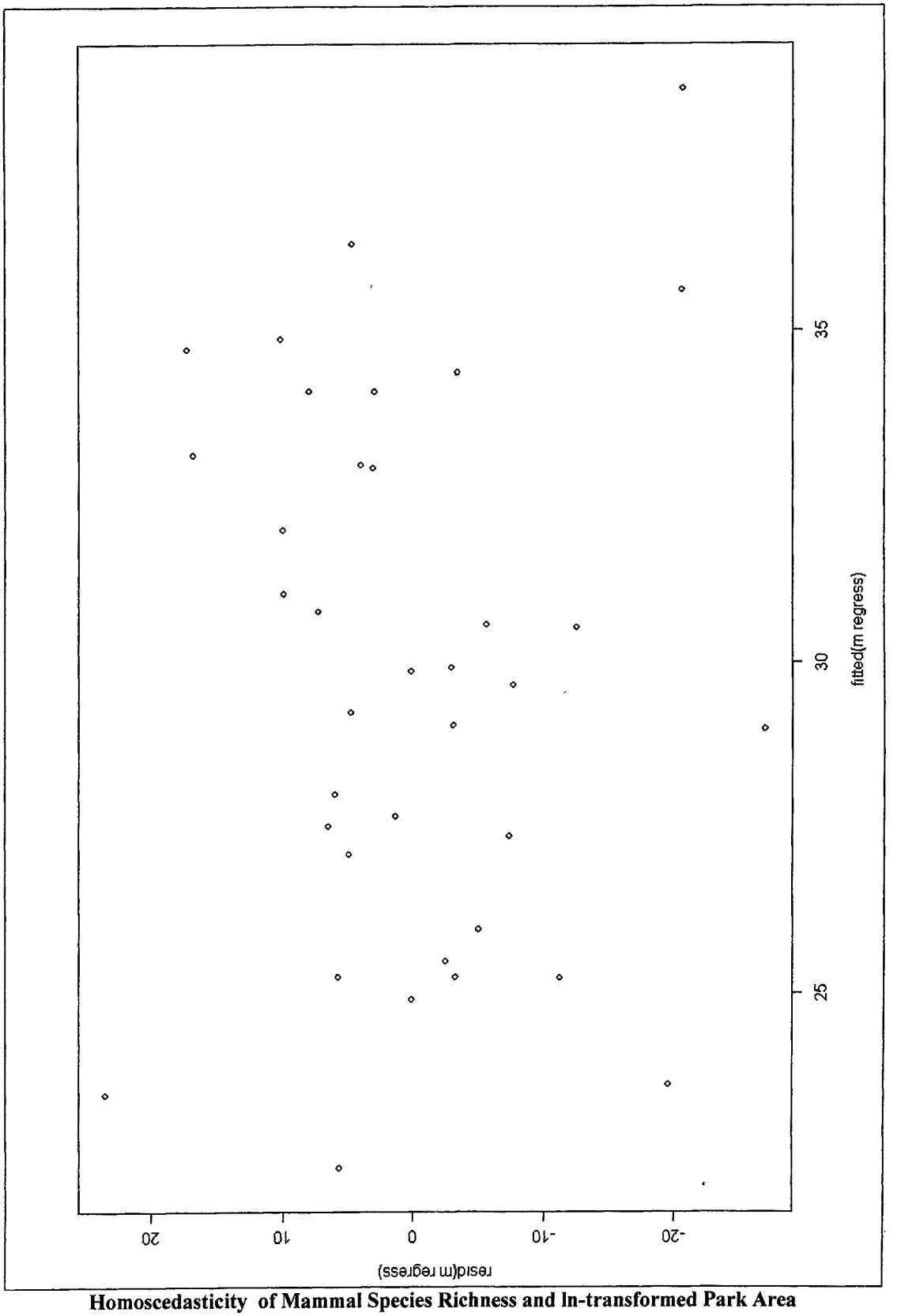
Normality Plot of Bird Species Richness and ln-transformed Park Area



Homoscedasticity of Bird Species Richness and ln-transformed Park Area



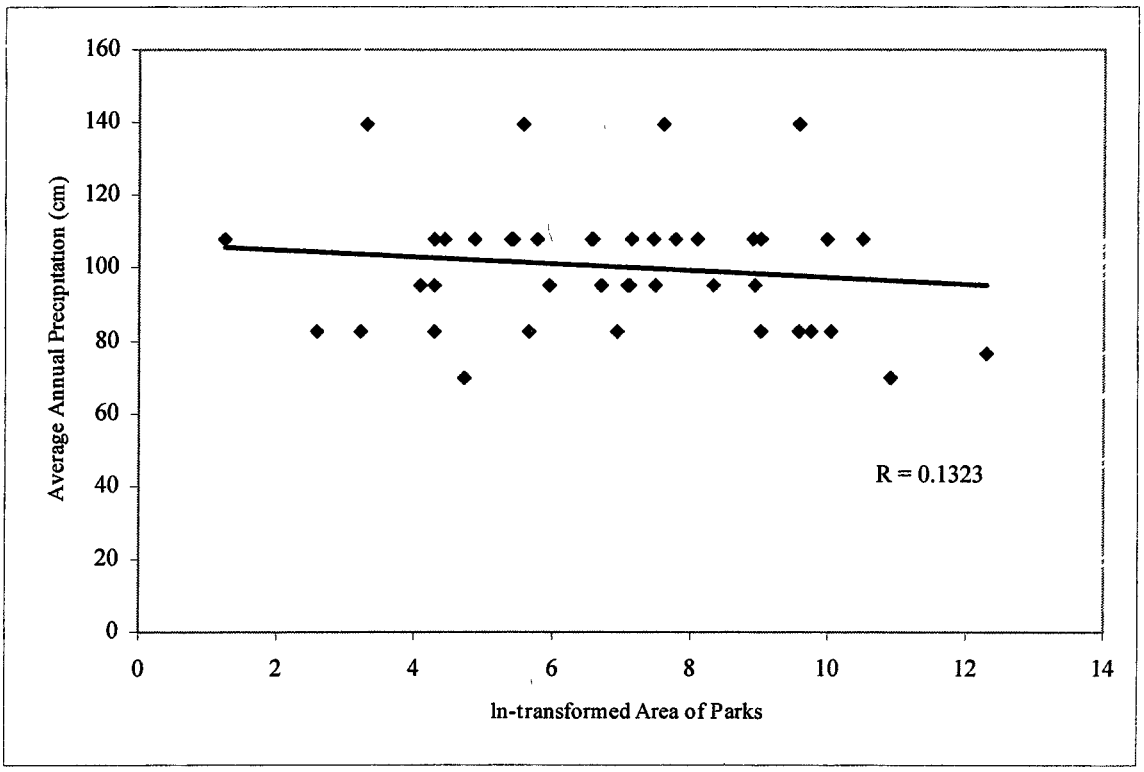
Normality Plot of Mammal Species Richness and ln-transformed Park Area



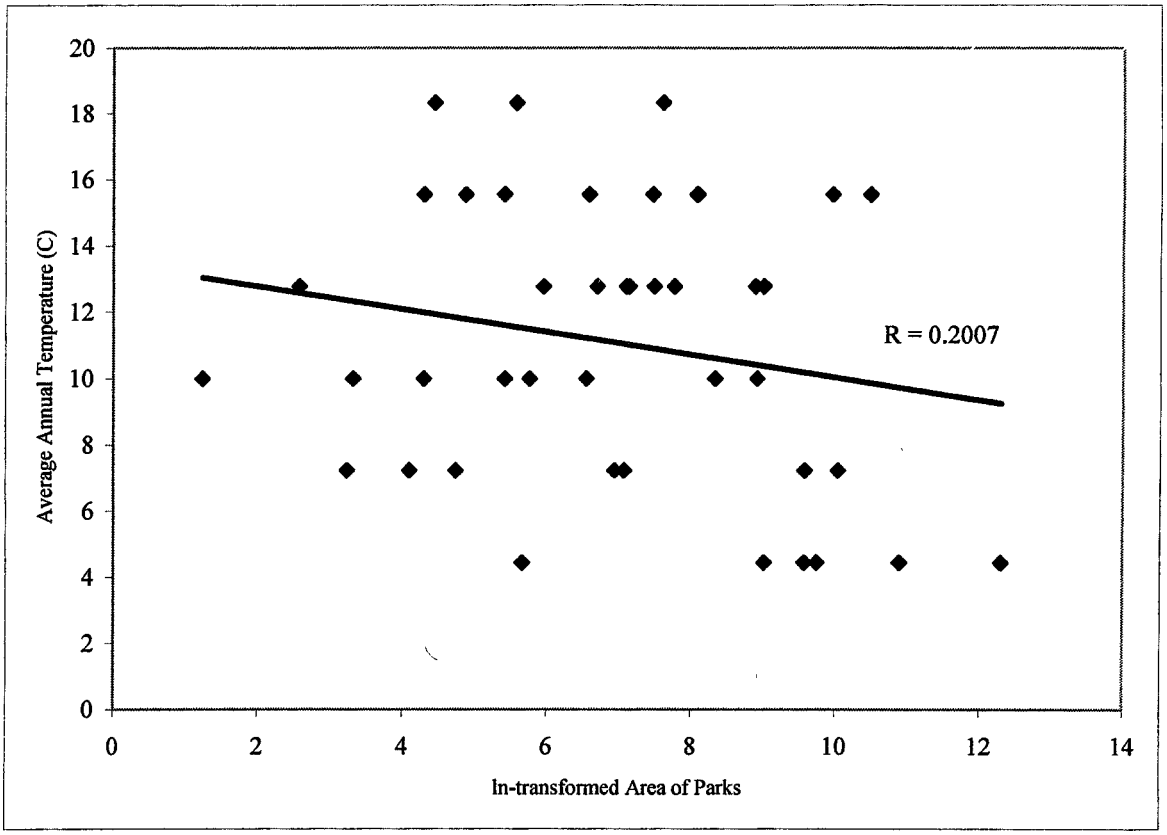
Homoscedasticity of Mammal Species Richness and ln-transformed Park Area

APPENDIX G

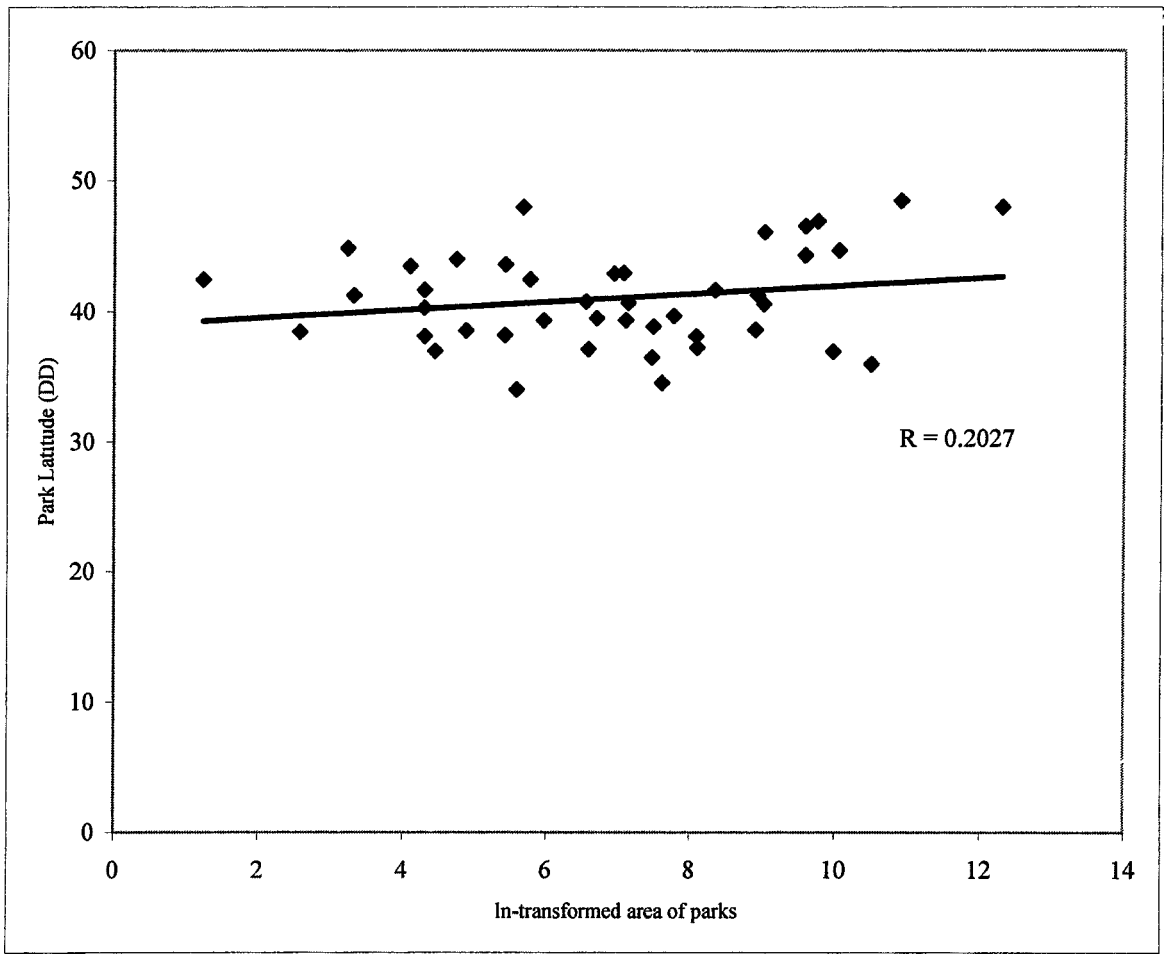
CORRELATIONS AMONG VARIABLES



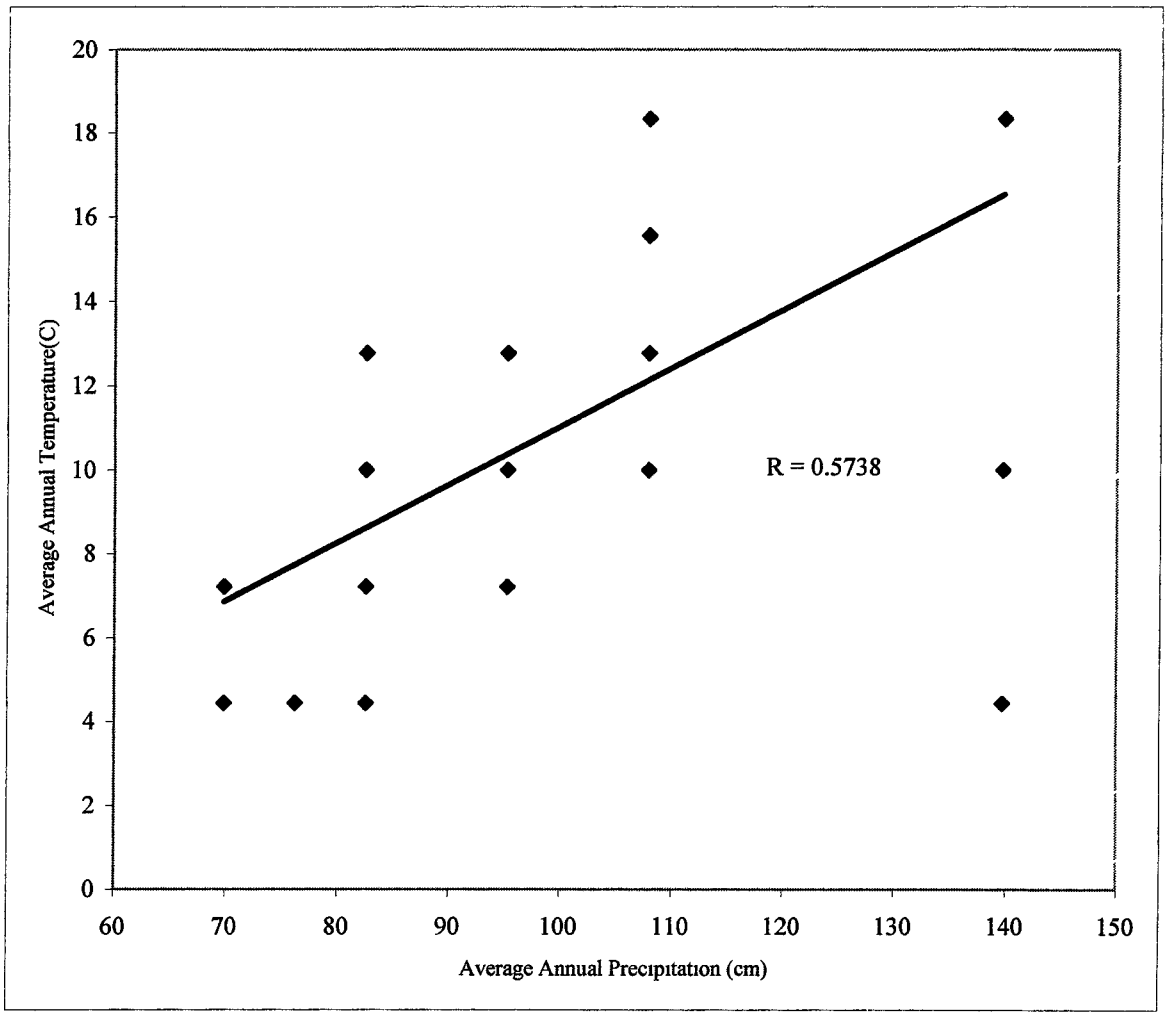
Correlation between park areas for selected national parks in the eastern US and the average annual precipitation of the park.



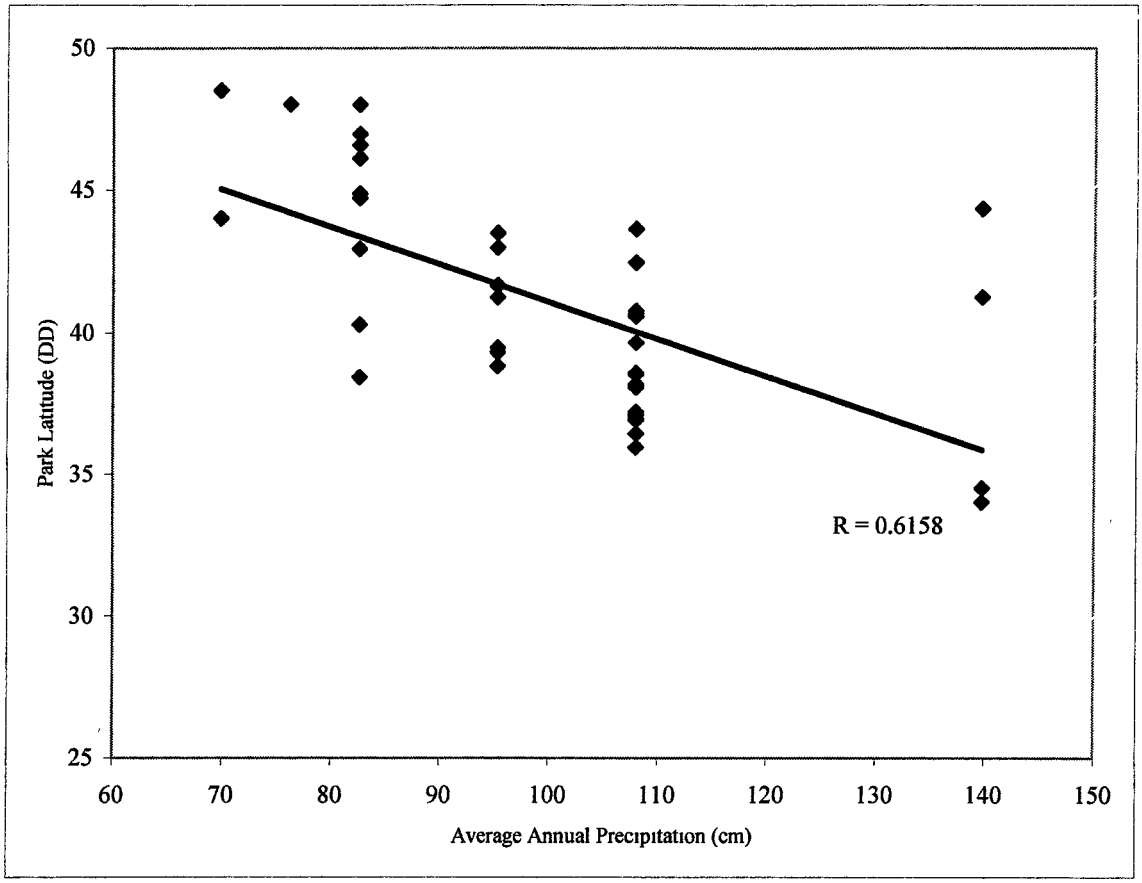
Correlation between park areas for selected national parks in the eastern US and the average annual temperature of the park.



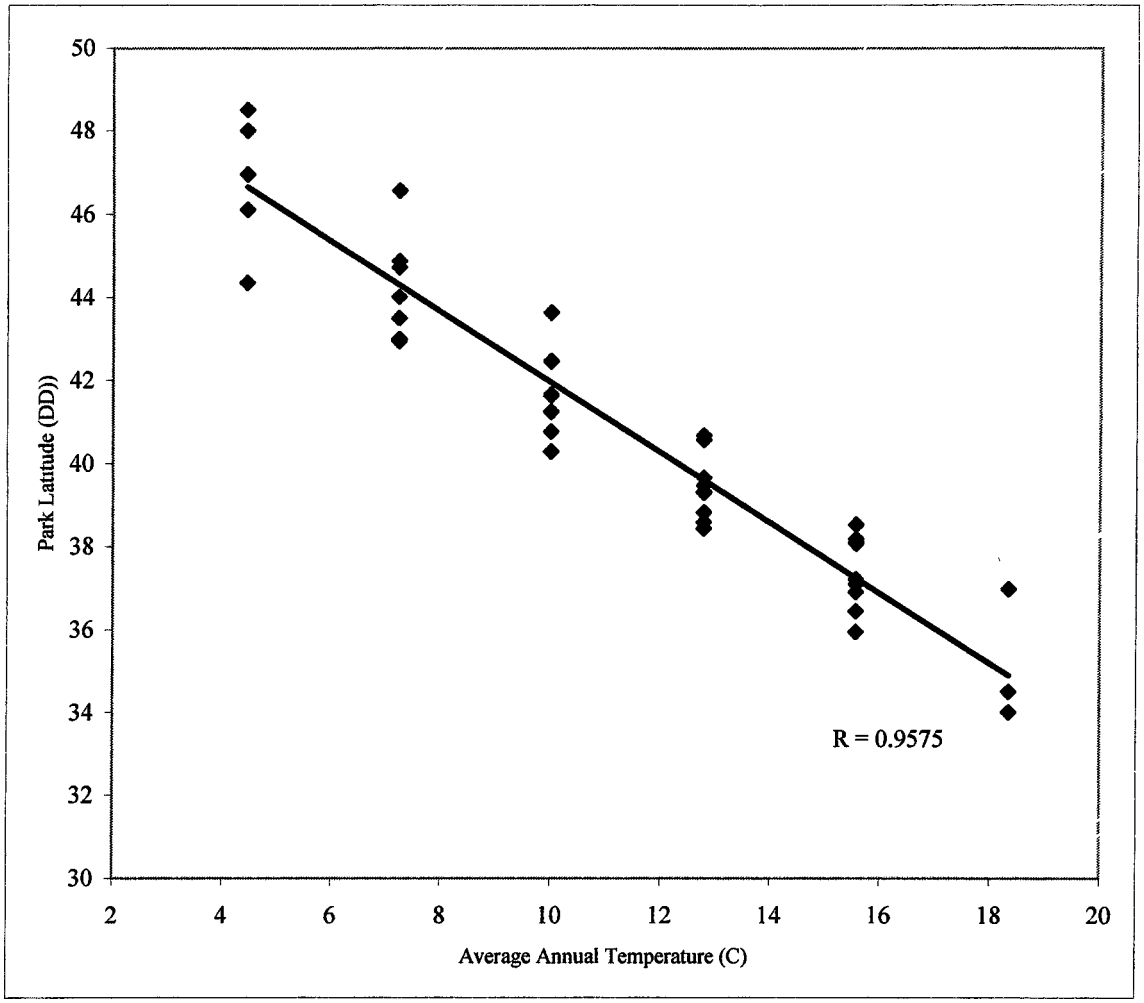
Correlation between park areas for selected national parks and the latitude (DD) at which the park occurs.



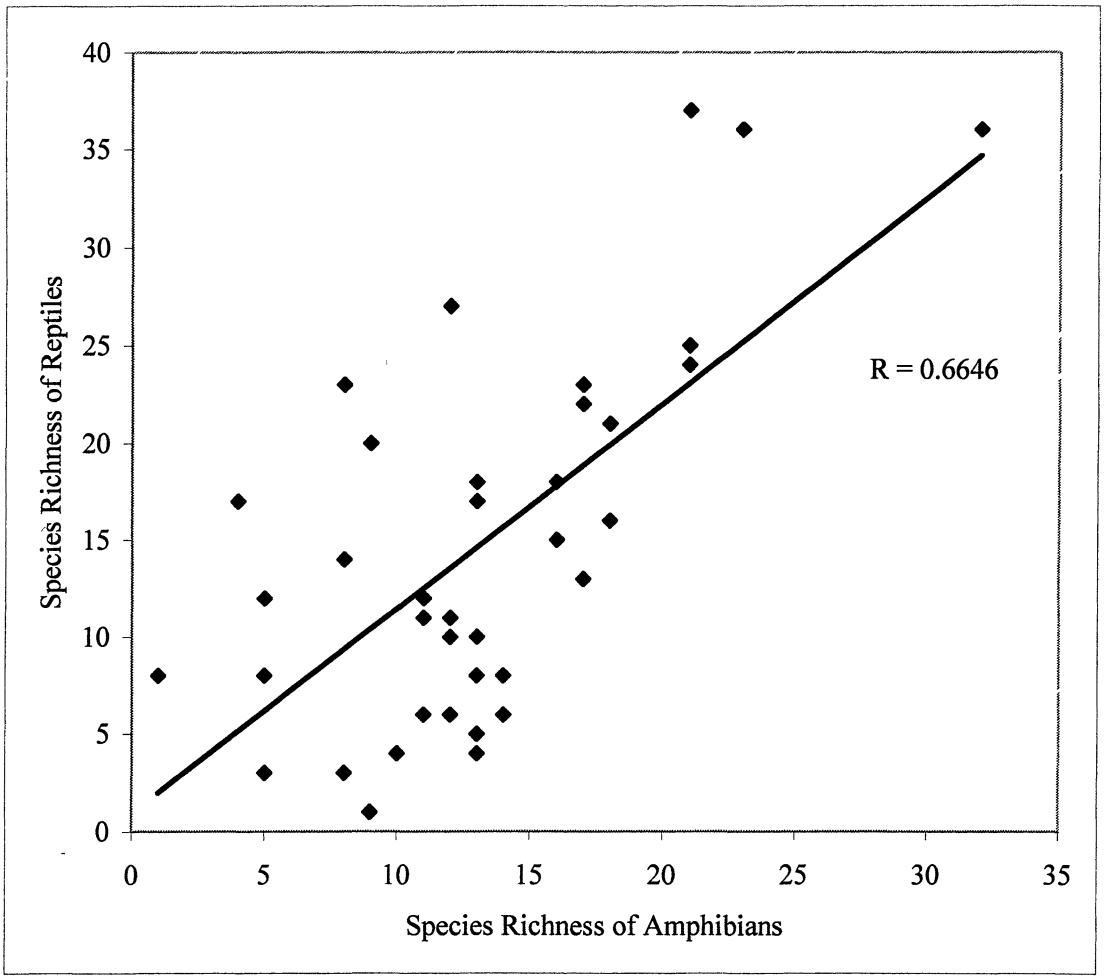
Correlation between average annual precipitation (cm) in the parks and the average annual temperature (C^0) in the parks.



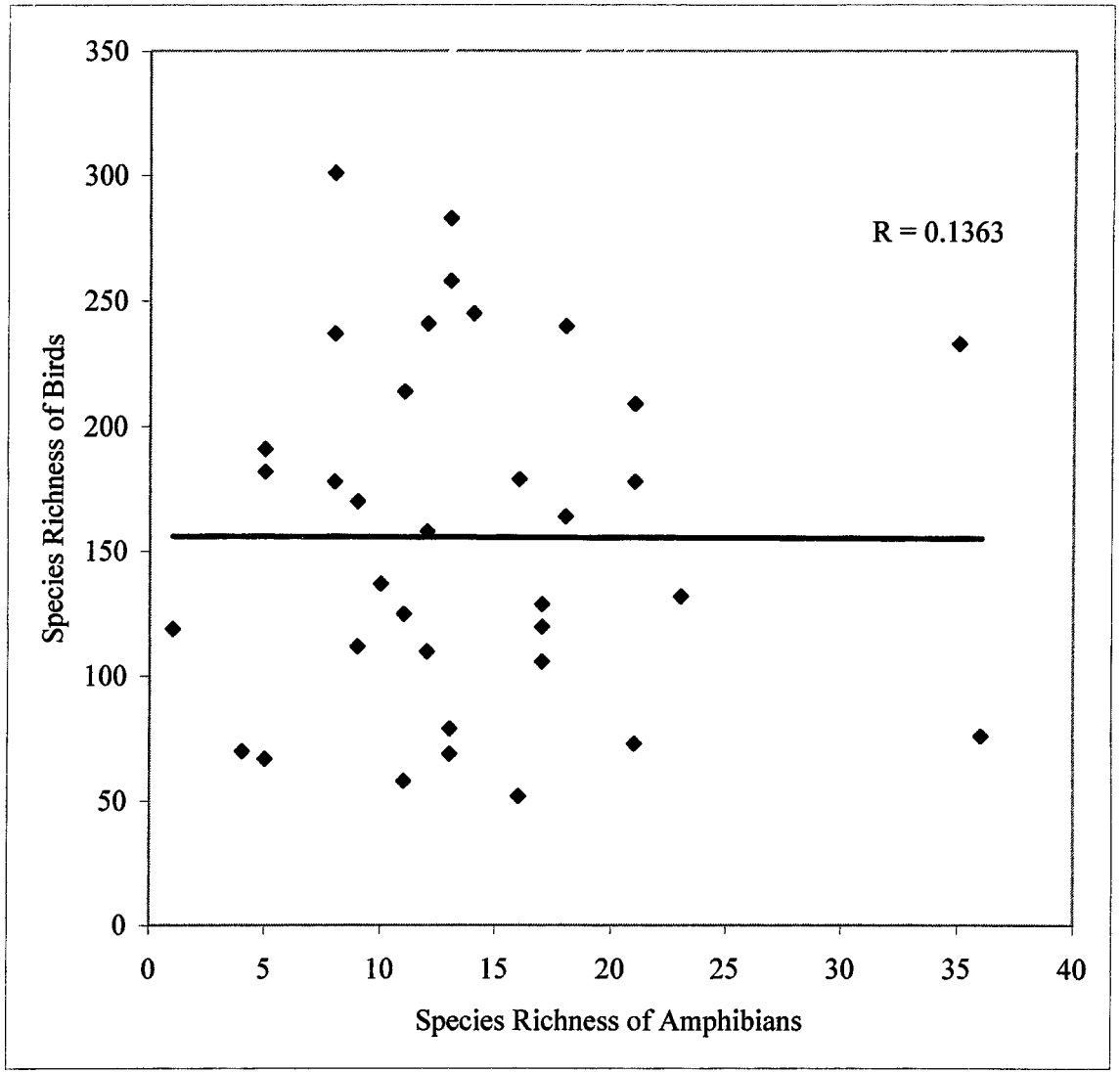
Correlation between Average Annual Precipitation (cm) in the parks and the latitude (DD) at which the park occurs.



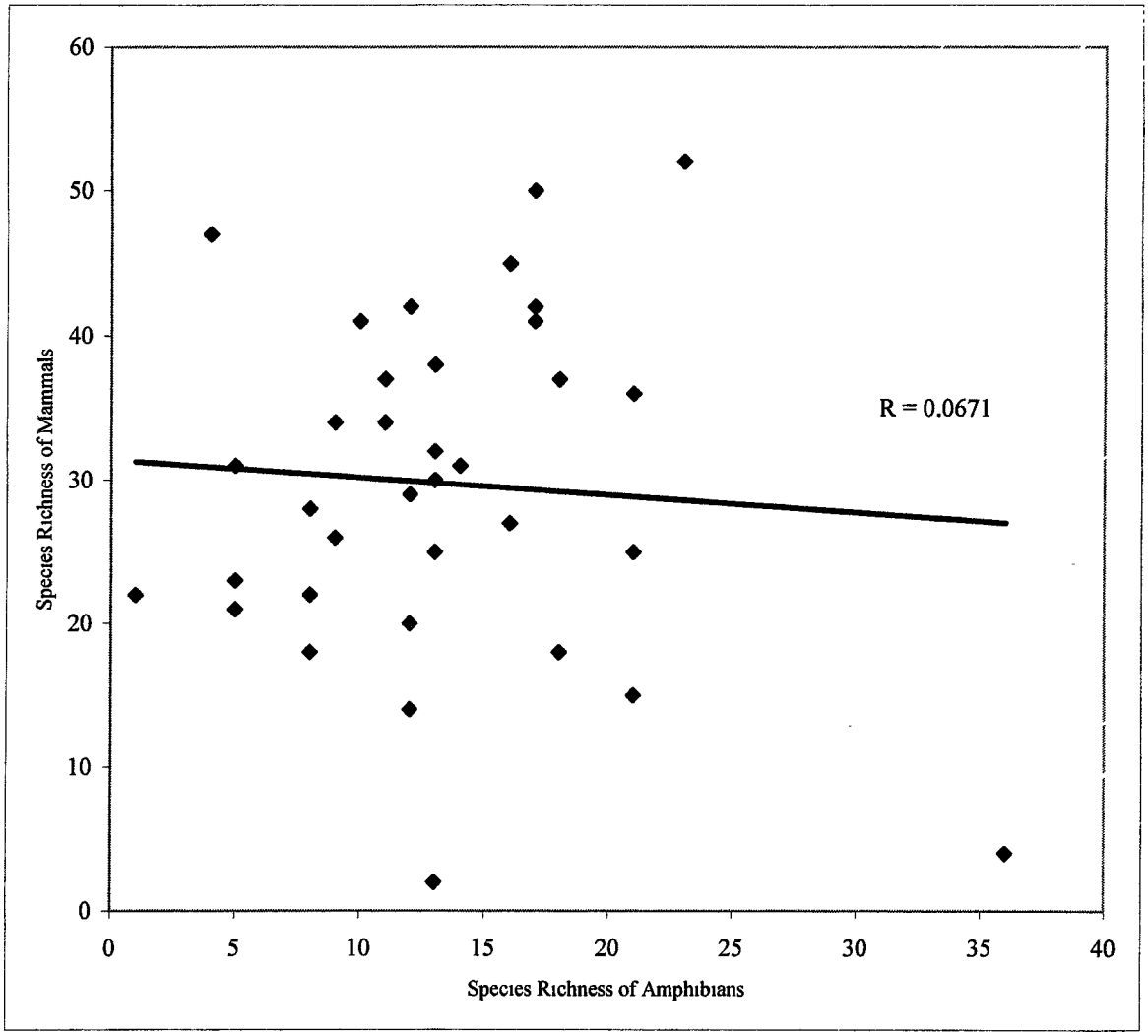
Correlation between Average Annual Temperature (C^0) in the parks and the latitude (DD) at which the park occurs.



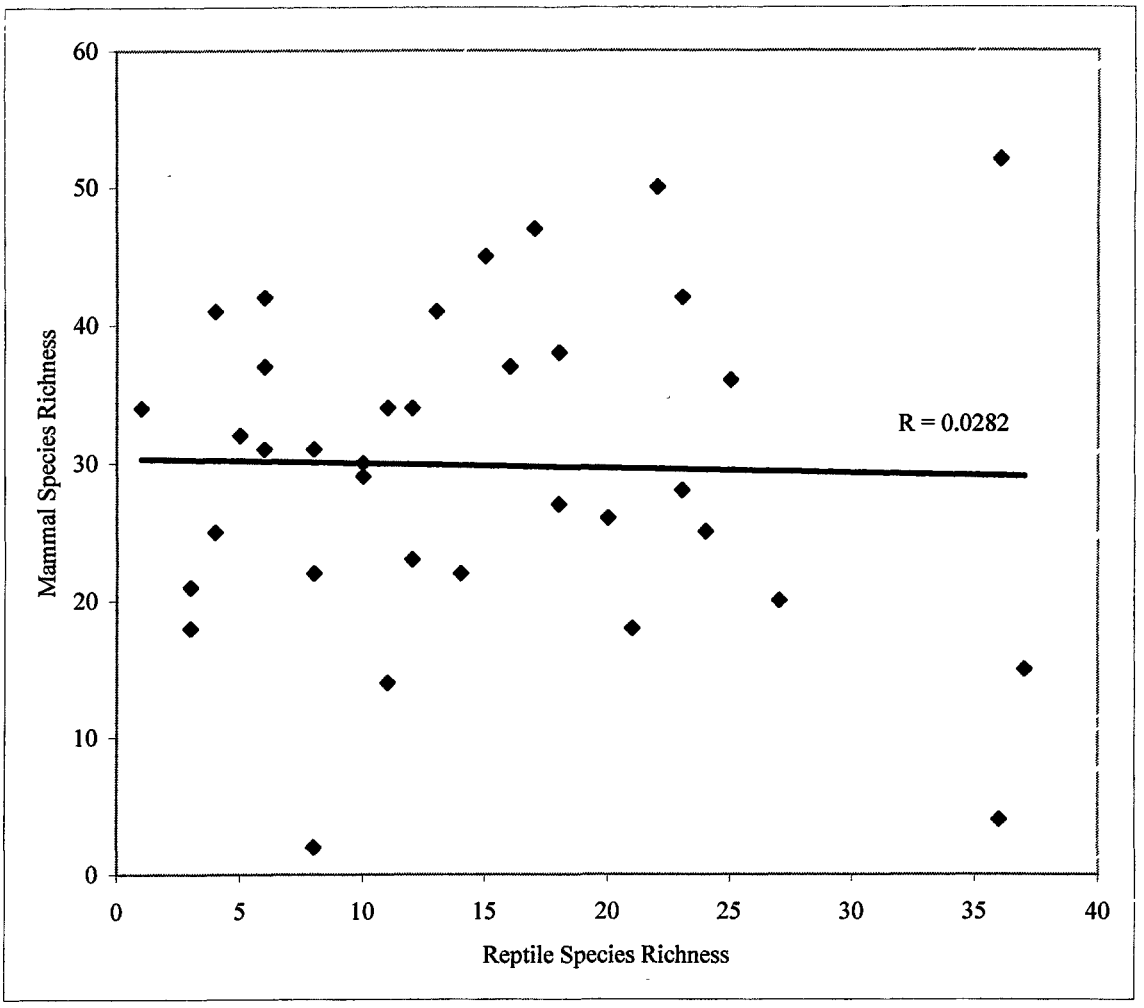
Correlation between the species richness of amphibians and the species richness of reptiles in selected national parks of the eastern US.



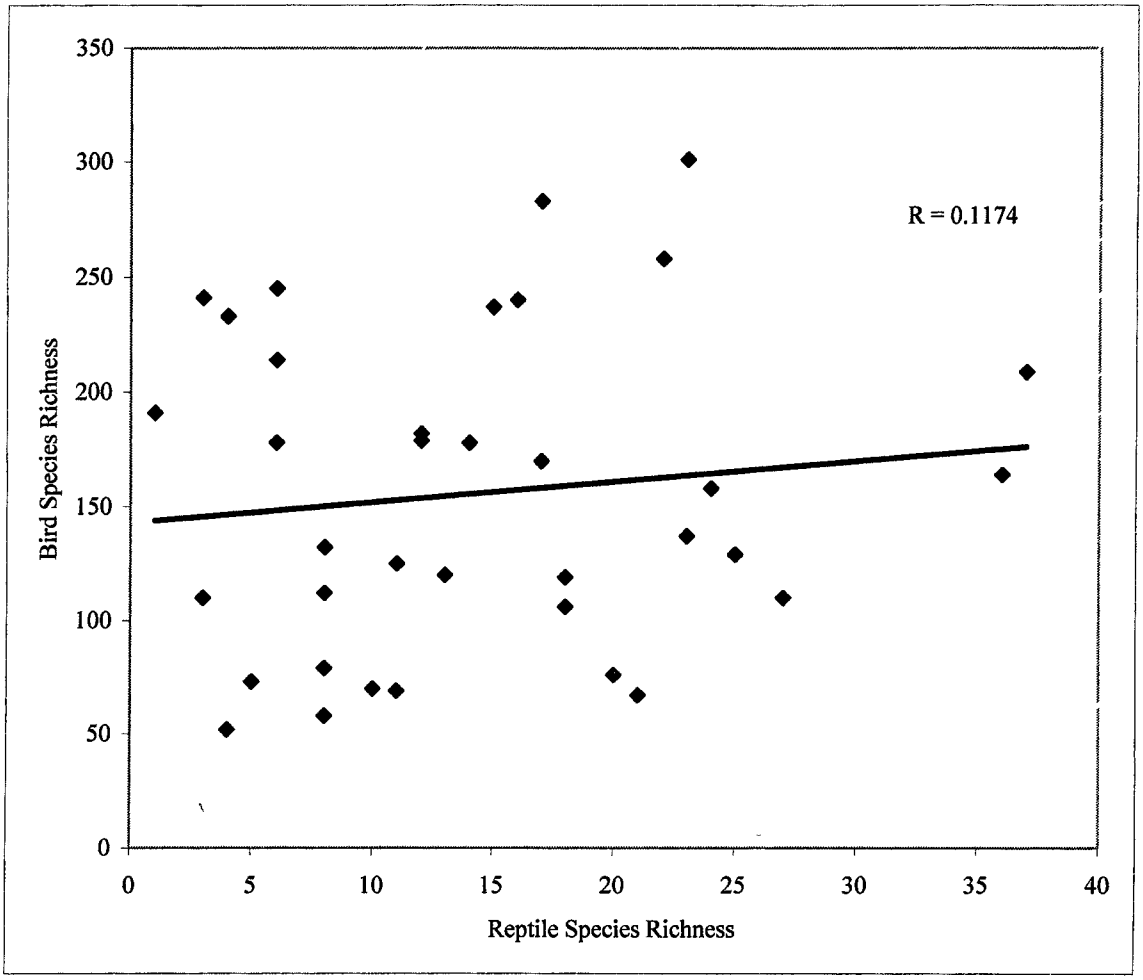
Correlation between the species richness of amphibians and the species richness of birds in selected national parks of the eastern US.



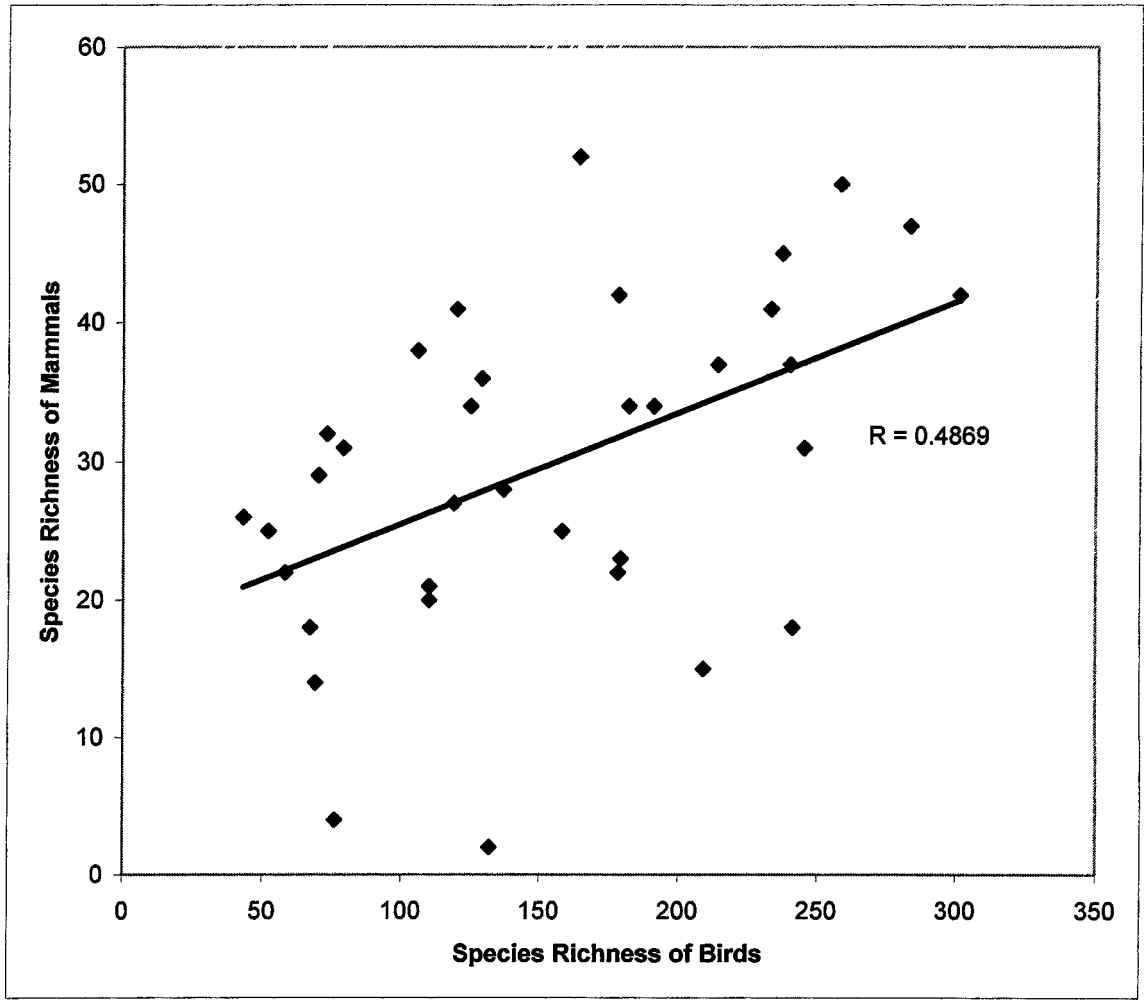
Correlation between the species richness of amphibians and the species richness of mammals in selected national parks of the eastern US.



Correlation between the species richness of reptiles and the species richness of mammals in selected national parks of the eastern US.



Correlation between the species richness of reptiles and the species richness of birds in selected national parks of the eastern US.



Correlation between the species richness of birds and the species richness of mammals in selected national parks of the eastern US.

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VITA

Kaci Ellen Myrick was born September 23, 1978 in Austin, Texas, the daughter of Martha Emison Richardson and Dr. Richard Harvey Richardson. After completing her work at Stephen F. Austin High School, Austin, Texas, in 1997, she entered The University of Texas at Austin (UT-Austin). While completing course work she worked as a bird of prey rehabilitator and as a research assistant in a molecular ecology laboratory, for which she performed field work at a Smithsonian research station in Panama. She received the degree of Bachelor of Arts with a major in Zoology from UT-Austin in May 2003. During the following years she was employed as a research technician in a plant genetic laboratory with UT-Austin. In August 2005, she entered the Graduate College of Texas State University-San Marcos. She is currently employed as an Aquatic Scientist with the Texas Commission on Environmental Quality.

Permanent Address: 1607 B Coronado Hills Dr.

Austin, Texas 78752

This thesis was typed by Kaci E. Myrick.