Chicago Botanic Garden Seed Bank Restoration Target Species List

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	**Restoration Target List - Dixon National Tallgrass Prairie Seed Bank - 2019 collecting season**																																		
2																																			
3	**Key:**		**Target Ecoregions:**										**Other Ecoregions:**																						
4	**1 (or #) = collections already made/ecoregion**		**27 - Central Great Plains**										**18 - Wyomin Basin**										**56 - Southern Michigan/Northern Indiana Drift Plains**												
5	**$125 per collection**		**28 - Flint Hills**										**17 - Middle Rockies**										**57 - Huron/Erie Lake Plain**												
6	**$130 for priority species (in red)**		**40 - Central Irregular Plains**										**21 - Southern Rockies**										**71 - Interior Plateau**												
7			**44 - Nebraska Sand Hills**										**25 - High Plains**										**73 - Mississippi Alluvial Plain**												
8			**46 - Northern Glaciated Plains**										**36 - Ouachita Mountains**										**75 - Southern Coastal Plain**												
9			**47 - Western Corn Belt Plains**										**37 - Arkansas Valley**																						
10			**48 - Lake Agassiz Plain**										**38 - Boston Mountains**																						
11			**51 - North Central Hardwood Forests**										**39 - Ozark Highlands**																						
12			**52 - Driftless Area**										**42 - Northwestern Glaciated Plains**																						
13			**53 - Southeastern Wisconsin Till Plains**										**43 - Northwestern Great Plains**																						
14			**54 - Central Corn Belt Plains**										**50 - Northern Lakes and Forests**																						
15			**72 - Interior River Valleys and Hills**										**55 - Eastern Corn Belt Plains**																						
16																																			
17	***Taxon***	***Code***	***27***	***28***	***40***	***44***	***46***	***47***	***48***	***51***	***52***	***53***	***54***	***72***	***21***	***25***	***36***	***37***	***38***	***39***	***42***	***43***	***50***	***55***	***56***	***57***	***71***	***73***	***75***	***17***	***18***	***22***	***26***	***62***	**Total**
18	Acorus calamus	ACCA4											1																						**1**
19	Actaea pachypoda	ACPA											1										1												**2**
20	Actaea rubra	ACRU2													1																				**1**
21	Agalinis aspera	AGAS2		1	1			1																											**3**
22	Agalinis densiflora	AGDE6		1																															**1**
23	Agastache nepetoides	AGNE2										1		1																					**2**
24	Agastache scrophulariifolia	AGSC						1																											**1**
25	Agrimonia pubescens	AGPU						1					1	1						1															**4**
26	Agrimonia rostellata	AGRO3												1						1															**2**
27	Allium cernuum	ALCE2										1	4		1																				**6**
28	Allium perdulce var. perdulce	ALPEP																																	**0**
29	Allium stellatum	ALST	1	1					1											1															**4**
30	Allium textile	ALTE													1	1						1									1				**4**
31	Allium tricoccum	ALTR3										1	2										3				1								**7**
32	Amelanchier alnifolia	AMAL2																																	**0**
33	Amorpha canescens	AMCA6		1	1	1	1	2	1		2	2	3	1		1				2	1	1													**20**
34	Amorpha fruticosa	AMFR	1		1			1						1	1	1				1		1													**8**
35	Andropogon gerardii	ANGE	1	2	1		1	2	1				4	4	1	1				1	1	1											1		**22**
36	Andropogon hallii	ANHA	1			1										1																	1		**4**
37	Anemone canadensis	ANCA8			1		1	2	1		2	1	2	1																					**11**
38	Anemone caroliniana	ANCA9					1																												**1**
39	Anemone cylindrica	ANCY				1		1	1		1	1	3	1	1						1														**11**
40	Anemone quinquefolia	ANQU											1																						**1**
41	Anemone virginiana	ANVI3						1					3							1			1												**6**
42	Angelica atropurpurea	ANAT										1	1	1																					**3**
43	Antennaria neglecta	ANNE		1	1	1	1	1			1	1		2																					**9**
44	Antennaria plantaginifolia	ANPL									1	1	2	1						1															**6**
45	Apios americana	APAM																																	**0**
46	Apocynum androsaemifolium	APAN2													1																				**1**
47	Aquilegia canadensis	AQCA									1			1						2															**4**

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17	*Taxon*	*Code*	*27*	*28*	*40*	*44*	*46*	*47*	*48*	*51*	*52*	*53*	*54*	*72*	*21*	*25*	*36*	*37*	*38*	*39*	*42*	*43*	*50*	*55*	*56*	*57*	*71*	*73*	*75*	*17*	*18*	*22*	*26*	*62*	**Total**
48	Arabis lyrata	ARLY2																																	**0**
49	Aralia nudicaulis	ARNU2																					1												**1**
50	Aralia racemosa	ARRA								1			1																						**2**
51	Arisaema dracontium	ARDR3																																	**0**
52	Arisaema triphyllum	ARTR										2	1																						**3**
53	Arnoglossum atriplicifolium	ARAT											2	1						2															**5**
54	Arnoglossum plantagineum	ARPL4		2				1					1							1															**5**
55	Aronia melanocarpa	ARME6								1			1																						**2**
56	Artemisia campestris	ARCA12				1					1	1	1		1	1																	1		**7**
57	Artemisia ludoviciana	ARLU		1	1	1	1	1					1		1	2						1											1		**11**
58	Asarum canadense	ASCA							1				1	1						2			1				1								**7**
59	Asclepias exaltata	ASEX											1																						**1**
60	Asclepias hirtella	ASHI											1	1						1															**3**
61	Asclepias incarnata ssp. incarnata	ASINI			1						1	1	2	1		1				2		2													**11**
62	Asclepias lanuginosa	ASLA3																																	**0**
63	Asclepias ovalifolia	ASOV																																	**0**
64	Asclepias purpurascens	ASPU2																																	**0**
65	Asclepias speciosa	ASSP	1			1		1							1	2						1													**7**
66	Asclepias stenophylla	ASST																																	**0**
67	Asclepias sullivantii	ASSU3		2				1																											**3**
68	Asclepias tuberosa	ASTU		1	1			1			1																								**4**
69	Asclepias viridiflora	ASVI		1			1						1																						**3**
70	Asclepias viridis	ASVI2		2	1																														**3**
71	Asimina triloba	ASTR																		1															**1**
72	Astragalus agrestis	ASAG2													1																				**1**
73	Astragalus canadensis var. canadensis	ASCAC6											1	1																					**2**
74	Astragalus crassicarpus var. crassicarpus	ASCRC3		2			1	1														1													**5**
75	Astragalus flexuosus	ASFL2													1																				**1**
76	Astragalus laxmannii var. robustior	ASLAR													2	1																			**3**
77	Astragalus missouriensis	ASMI10														1																			**1**
78	Aureolaria grandiflora	AUGR											1							2															**3**
79	Baptisia alba var. macrophylla	BAALM			1									1															1						**3**
80	Baptisia australis	BAAU		1																															**1**
81	Baptisia bracteata var. leucophaea	BABRL2										2	1	1																					**4**
82	Betula nigra	BENI																																	**0**
83	Bidens cernua	BICE					1	1					1																						**3**
84	Bidens connata	BICO5												1													1								**2**
85	Blephilia ciliata	BLCI												1						2							1								**4**
86	Boltonia asteroides	BOAS	1										2	1																					**4**
87	Bouteloua curtipendula var. curtipendula	BOCUC2		2	1		1	2				1	3	1	1	3				2		1											1		**19**
88	Bouteloua dactyloides	BODA2														2																			**2**
89	Bouteloua gracilis	BOGR2				1			1						1	3					2														**8**
90	Bouteloua hirsuta	BOHI2	1	1			1									2					1	1													**7**
91	Brachyelytrum erectum	BRER2												1						2															**3**

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17	*Taxon*	*Code*	*27*	*28*	*40*	*44*	*46*	*47*	*48*	*51*	*52*	*53*	*54*	*72*	*21*	*25*	*36*	*37*	*38*	*39*	*42*	*43*	*50*	*55*	*56*	*57*	*71*	*73*	*75*	*17*	*18*	*22*	*26*	*62*	**Total**
92	Brickellia eupatorioides var. corymbulosa	BREUC			1		1	2			1	1		1						2															**9**
93	Bromus ciliatus var. ciliatus	BRCIC3											1		1																				**2**
94	Bromus kalmii	BRKA2									1	1	2																						**4**
95	Bromus latiglumis	BRLA4						1					3																						**4**
96	Bromus pubescens	BRPU6		1	1			1					1	1						2							1								**8**
97	Calamagrostis canadensis	CACA4										2	1	2	1																				**6**
98	Calamagrostis stricta ssp. inexpansa	CASTI3				1	1																												**2**
99	Calamovilfa longifolia var. longifolia	CALOL2				1							1			1																	1		**4**
100	Callirhoe alcaeoides	CAAL		1																															**1**
101	Caltha palustris	CAPA5							1			1																							**2**
102	Calylophus serrulatus	CASE12																																	**0**
103	Camassia scilloides	CASC5										1		1						2															**4**
104	Campanula rotundifolia	CARO2									2				2	1						1													**6**
105	Campanulastrum americanum	CAAM18		1	1			1					2	1						1															**7**
106	Cardamine bulbosa	CABU3												1																					**1**
107	Cardamine concatenata	CACO26			1								3							1															**5**
108	Cardamine douglassii	CADO											5																						**5**
109	Carex albicans var. albicans	CAALA			1									1						1															**3**
110	Carex albursina	CAAL11											1																						**1**
111	Carex annectens	CAAN6						1						1						1															**3**
112	Carex aquatilis var. aquatilis	CAAQA													1															1					**2**
113	Carex atherodes	CAAT2										1																							**1**
114	Carex bebbii	CABE2											1		1								1												**3**
115	Carex bicknellii	CABI3		1	2		2						1							1															**7**
116	Carex brevior	CABR10		1		1	3	1				2	2			1																			**11**
117	Carex bushii	CABU5	1	2	1								1	1						1															**7**
118	Carex buxbaumii	CABU6										1	1	1																					**3**
119	Carex cephalophora	CACE			1									1						1															**3**
120	Carex comosa	CACO8										1	1																						**2**
121	Carex crawei	CACR3						1				1	3							1															**6**
122	Carex crus-corvi	CACR8											1	1						1															**3**
123	Carex davisii	CADA			1								2	1						1															**5**
124	Carex diandra	CADI4																																	**0**
125	Carex duriuscula	CADU6					1																												**1**
126	Carex emoryi	CAEM2						1																											**1**
127	Carex frankii	CAFR3		1	1									1						2															**5**
128	Carex gracillima	CAGR2											3																						**3**
129	Carex gravida	CAGR4			2		1	1						1						1	1														**7**
130	Carex grayi	CAGR5			1							1	2	1																					**5**
131	Carex hirsutella	CAHI6												1						2							1								**4**
132	Carex hirtifolia	CAHI5											1																						**1**
133	Carex hyalinolepis	CAHY3						1					1							2															**4**
134	Carex hystericina	CAHY4		1				1				1			1	1																			**5**
135	Carex inops ssp. heliophila	CAINH2					1									1																			**2**
136	Carex interior	CAIN11																																	**0**

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17	*Taxon*	*Code*	*27*	*28*	*40*	*44*	*46*	*47*	*48*	*51*	*52*	*53*	*54*	*72*	*21*	*25*	*36*	*37*	*38*	*39*	*42*	*43*	*50*	*55*	*56*	*57*	*71*	*73*	*75*	*17*	*18*	*22*	*26*	*62*	**Total**
137	Carex intumescens	CAIN12																					3												**3**
138	Carex jamesii	CAJA2			1								2	1						1															**5**
139	Carex lacustris	CALA16											2																						**2**
140	Carex laeviconica	CALA12		1	1		1														1														**4**
141	Carex lupulina	CALU4											2	1						1			1												**5**
142	Carex lurida	CALU5												1						1					2										**4**
143	Carex meadii	CAME2		1	1			1						1						2															**6**
144	Carex molesta	CAMO11		1	2		1	1												1															**6**
145	Carex muehlenbergii	CAMU4									1	1	1	1						2															**6**
146	Carex normalis	CANO										1		1						2															**4**
147	Carex obtusata	CAOB4																																	**0**
148	Carex pellita	CAPE42				1		1				1		1	1																				**5**
149	Carex pensylvanica	CAPE6									1	1	1																						**3**
150	Carex praegracilis	CAPR5												1		1																			**2**
151	Carex prairea	CAPR6									1																								**1**
152	Carex radiata	CARA8											2	1						1															**4**
153	Carex retrorsa	CARE4																																	**0**
154	Carex rosea	CARO22						1				1																							**2**
155	Carex sartwellii var. sartwellii	CASAS5										3	1																						**4**
156	Carex scoparia	CASC11				1		1					1			1																			**4**
157	Carex shortiana	CASH2											1	1						2															**4**
158	Carex sparganioides	CASP3																																	**0**
159	Carex sprengelii	CASP7				1		1				1	1																						**4**
160	Carex squarrosa	CASQ2											1	1						2															**4**
161	Carex sterilis	CAST16										1	1							1															**3**
162	Carex stipata	CAST5	1					1					1	1						1															**5**
163	Carex stricta	CAST8											2							1															**3**
164	Carex tenera	CATE3										1	2																						**3**
165	Carex tetanica	CATE6										1	1																						**2**
166	Carex tribuloides	CATR7											1	1						2															**4**
167	Carex typhina	CATY												1						1															**2**
168	Carex umbellata	CAUM4										1	2	1																					**4**
169	Carex vulpinoidea	CAVU2		1	1		1	1					4	2						2															**12**
170	Carpinus caroliniana	CACA18											2																						**2**
171	Carya laciniosa	CALA21																																	**0**
172	Castilleja coccinea	CACO17											1							2															**3**
173	Castilleja sessiliflora	CASE5						1			1	1				1						1													**5**
174	Caulophyllum thalictroides	CATH2										1											1												**2**
175	Ceanothus americanus	CEAM			1			1			2	1	2	1																					**8**
176	Ceanothus herbaceus	CEHE		2	1	1		1								1																			**6**
177	Celastrus scandens	CESC		1							1																								**2**
178	Cercis canadensis	CECA4																																	**0**
179	Chamaecrista fasciculata	CHFA2		1	1			1					2	2						1															**8**
180	Chelone glabra	CHGL2																		1															**1**
181	Cicuta bulbifera	CIBU																																	**0**
182	Cicuta maculata var. maculata	CIMAM			1		1						2							1															**5**
183	Cinna arundinacea	CIAR2		1								1	3	1						1															**7**

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184	Cirsium altissimum	CIAL2		1	1			1			1									1							1								**6**
185	Cirsium muticum	CIMU											1																						**1**
186	Claytonia virginica	CLVI3			1								2	1						1															**5**
187	Clematis pitcheri var. pitcheri	CLPIP	1																																**1**
188	Comandra umbellata	COUM		1											1	3																			**5**
189	Commelina erecta	COER	1	1	1	1							1			2	1																		**8**
190	Coreopsis palmata	COPA10			2						2		2	1						1															**8**
191	Coreopsis tripteris	COTR4											2	1						2															**5**
192	Cornus alternifolia	COAL2											1										1												**2**
193	Cornus florida	COFL2																																	**0**
194	Cornus rugosa	CORU																					1												**1**
195	Crotalaria sagittalis	CRSA4						1						1						1															**3**
196	Dalea aurea	DAAU														1						1													**2**
197	Dalea candida var. candida	DACAC		1	1		1	3				1	3	1		2				2															**15**
198	Dalea candida var. oligophylla	DACAO					1																												**1**
199	Dalea enneandra	DAEN						1																											**1**
200	Dalea multiflora	DAMU		1	1																														**2**
201	Dalea purpurea var. purpurea	DAPUP	1	2	1	2		2			1	1	5	1	1	1				3		1													**22**
202	Dalea villosa var. villosa	DAVIV				1																													**1**
203	Dasiphora fruticosa ssp. floribunda	DAFL3										1	1		3																				**5**
204	Delphinium carolinianum ssp. virescens	DECAV2						2												1															**3**
205	Delphinium tricorne	DETR												1						1															**2**
206	Desmanthus illinoensis	DEIL	2	3	1		1	2				1	1	1		1				2	1														**16**
207	Desmodium canadense	DECA7									2	1	4	1																					**8**
208	Desmodium glabellum	DEGL4																		1															**1**
209	Desmodium glutinosum	DEGL5		1	1			1			1																								**4**
210	Desmodium illinoense	DEIL2		1	1								1	1																					**4**
211	Desmodium paniculatum	DEPA6			1									1																					**2**
212	Desmodium sessilifolium	DESE			1								1	1						1															**4**
213	Dicentra cucullaria	DICU											1	1			1			1															**4**
214	Dichanthelium clandestinum	DICL						1					1																						**2**
215	Dichanthelium latifolium	DILA8																																	**0**
216	Dichanthelium leibergii	DILE2		1	1			1					3																						**6**
217	Dichanthelium linearifolium	DILI2			1						1																								**2**
218	oligosanthes	DIOLO			1	1	1	1				1	1	1		1				1															**9**
219	scribnerianum	DIOLS										1	1	1																					**3**
220	praecocius	DIVIP																																	**0**
221	Dichanthelium wilcoxianum	DIWI5																																	**0**
222	Diervilla lonicera	DILO											1										1												**2**
223	Dioscorea villosa	DIVI4																		1															**1**
224	Diospyros virginiana	DIVI5																																	**0**
225	Dodecatheon meadia	DOME									1	2	1	1						1							2								**8**
226	Dulichium arundinaceum	DUAR3										1																							**1**
227	Echinacea angustifolia var. angustifolia	ECANA		2			1	1									1				1	2													**8**
228	Echinacea pallida	ECPA			2			1					2																						**5**

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17	*Taxon*	*Code*	*27*	*28*	*40*	*44*	*46*	*47*	*48*	*51*	*52*	*53*	*54*	*72*	*21*	*25*	*36*	*37*	*38*	*39*	*42*	*43*	*50*	*55*	*56*	*57*	*71*	*73*	*75*	*17*	*18*	*22*	*26*	*62*	**Total**
229	Eleocharis compressa	ELCO2					1						1							2															4
230	Elymus canadensis	ELCA4	1	1	1	1		1			1		1	1	1	1				1		1											1		13
231	Elymus hystrix	ELHY						1			1		2	2						2															8
232	Elymus riparius	ELRI									1			1													1								3
233	Elymus trachycaulus ssp. trachycaulus	ELTRT													1	1																			2
234	Elymus villosus	ELVI		1				1					1	2						2															7
235	Elymus virginicus var. virginicus	ELVIV		1	1								1	2						2															7
236	Enemion biternatum	ENBI			1								2	1																					4
237	Erigeron strigosus	ERST3		1			2	2				2		1						1															9
238	Eriophorum angustifolium	ERAN6											1		1																				2
239	Eryngium yuccifolium	ERYU			2			2				1	7	2						1															15
240	Erythronium albidum	ERAL9			1								1																						2
241	Eupatorium perfoliatum	EUPE3									1	1	3							2															7
242	Euphorbia corollata	EUCO10			1						1	1	3	1						2															9
243	Eutrochium maculatum	EUMA9										1	2	1																					4
244	Eutrochium purpureum	EUPU21										1	2	1						2															6
245	Festuca subverticillata	FESU3			1			1					1	1																					4
246	Floerkea proserpinacoides	FLPR												2																					2
247	Frasera caroliniensis	FRCA2																																	0
248	Galium boreale	GABO2											1		1								1												3
249	Galium circaezans	GACI2		1				1			1			2						1															6
250	Galium concinnum	GACO3			1																														1
251	Galium obtusum	GAOB			1								1	2																					4
252	Galium tinctorium	GATI																																	0
253	Galium triflorum	GATR3			1								1																						2
254	Gaura coccinea	GACO5													1																				1
255	Gentiana andrewsii	GEAN																																	0
256	Gentiana andrewsii var. dakotica	GEAND										1	1																						2
257	Gentiana puberulenta	GEPU5				1					1	1																							3
258	Gentianella quinquefolia	GEQU2										1	1																						2
259	Geranium maculatum	GEMA										1	2							1															4
260	Geum aleppicum	GEAL3									1		1		1																				3
261	Geum triflorum	GETR							1		1	1																							3
262	Glyceria grandis	GLGR									1				1	1						1													4
263	Glyceria striata	GLST		1	1			1				1	1	3	1																				9
264	Glycyrrhiza lepidota	GLLE3	1	1		2	1	2							1	1				1		1											1		12
265	Hedeoma hispida	HEHI		1	1	1	1	1																											5
266	Helenium autumnale	HEAU			1						1		2	2						1															7
267	Helianthemum bicknellii	HEBI2									1	2																							3
268	Helianthemum canadense	HECA3									1		2																						3
269	Helianthus divaricatus	HEDI2												2			1																		3
270	Helianthus occidentalis	HEOC2									1		2							1															4
271	Helianthus pauciflorus ssp. pauciflorus	HEPAP2		2	1	1	1	1				1	1	2																					10
272	Helianthus pauciflorus ssp. subrhomboideus	HEPAS																																	0

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273	Helianthus strumosus	HEST										1	2																						3
274	Heliopsis helianthoides	HEHE5		1			1	2					1	2						2															9
275	Hepatica nobilis var. acuta	HENOA										2											1												3
276	Hesperostipa comata	HECO26				1	1								2	2						2													8
277	Hesperostipa spartea	HESP11						1				1	3								1														6
278	Heterotheca villosa var. villosa	HEVIV	1			1									1	2						1										1	1		8
279	Heuchera americana	HEAM6												1																					1
280	Heuchera richardsonii	HERI										2	1	2																					5
281	Hieracium longipilum	HILO2		1				1			1	1																							4
282	Hierochloe hirta ssp. arctica	HIHIA											1		1																				2
283	Houstonia caerulea	HOCA4																																	0
284	Houstonia longifolia	HOLO												2																					2
285	Houstonia purpurea	HOPU2												1																					1
286	Houstonia pusilla	HOPU3		1	1			2						2																					6
287	Hybanthus concolor	HYCO6																		1															1
288	Hydrangea arborescens	HYAR												1													1								2
289	Hydrastis canadensis	HYCA										1	1																						2
290	Hydrophyllum appendiculatum	HYAP											1	1													1								3
291	Hydrophyllum virginianum	HYVI			1								1																						2
292	Hypericum ascyron	HYAS80																																	0
293	Hypericum sphaerocarpum	HYSP2		1									1	1						2															5
294	Hypoxis hirsuta	HYHI2						1				1	1	1						1															5
295	Impatiens pallida	IMPA		1								1															1								3
296	Ionactis linariifolia	IOLI2										1	1																						2
297	Ipomoea pandurata	IPPA																																	0
298	Iris virginica var. shrevei	IRVIS						1					2	2																					5
299	Juncus arcticus ssp. littoralis	JUARL				1							1		1	2														1	1				7
300	Juncus interior	JUIN2				1		1	1					2	2	1				1										1					10
301	Koeleria macrantha	KOMA			1		1	1			1		2	2	1	1																			10
302	Krigia biflora	KRBI											2	1																					3
303	Lactuca floridana	LAFL		1	1			1			1			2													1								7
304	Lactuca ludoviciana	LALU		1			1	1																											3
305	Lactuca tatarica var. pulchella	LATAP					1	2																											3
306	Lathyrus ochroleucus	LAOC2																																	0
307	Lathyrus palustris	LAPA4																																	0
308	Lathyrus polymorphus	LAPO2																																	0
309	Lathyrus venosus	LAVE											1																						1
310	Lechea stricta	LEST										1																							1
311	Leersia virginica	LEVI2		1	1								2	2																					6
312	Lespedeza capitata	LECA8		1	1	1		2			1	2	3	1						3								1							16
313	Lespedeza frutescens	LEFR5																																	0
314	Lespedeza violacea	LEVI6		1																															1
315	Lespedeza virginica	LEVI7			1									3						1															5
316	Lesquerella ludoviciana	LELU														1																			1
317	Liatris aspera	LIAS		2	1			1					3	1						2															10
318	Liatris cylindracea	LICY									1	1								2															4
319	Liatris punctata var. mucronata	LIPUM2		1																															1

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320	Liatris punctata	LIPUP		2			1	1							3	1						2											1		**11**
321	Liatris pycnostachya var. pycnostachya	LIPYP						1				2	1	1						2															**7**
322	Liatris spicata	LISP											2																						**2**
323	Liatris squarrosa var. glabrata	LISQG																																	**0**
324	Liatris squarrosa var. squarrosa	LISQS												2						1							1								**4**
325	Lilium michiganense	LIMI9											1																						**1**
326	Lilium philadelphicum var. andinum	LIPHA													1																				**1**
327	Linum sulcatum var. sulcatum	LISUS		1	1		1													1															**4**
328	Lithospermum canescens	LICA12											2							1															**3**
329	Lithospermum caroliniense var. croceum	LICAC9				1							1																						**2**
330	Lithospermum incisum	LIIN2		1	1							1																							**3**
331	Lobelia cardinalis	LOCA2		1							1	1	1				1			1													1		**7**
332	Lobelia inflata	LOIN									1			2																					**3**
333	Lobelia siphilitica	LOSI		1	1								2	2		1				2															**9**
334	Lobelia spicata	LOSP				1							2							2															**5**
335	Lomatium foeniculaceum ssp. daucifolium	LOFOD		1																															**1**
336	Lonicera dioica	LODI2																																	**0**
337	Lonicera reticulata	LORE5																																	**0**
338	Ludwigia alternifolia	LUAL2												2						1															**3**
339	Ludwigia palustris	LUPA																																	**0**
340	Ludwigia polycarpa	LUPO											1	2																					**3**
341	Lupinus perennis	LUPE3											1																						**1**
342	Luzula acuminata	LUAC																					1												**1**
343	Lycopus americanus	LYAM		1	1		1	1					1	3																					**8**
344	Lycopus uniflorus	LYUN											2																						**2**
345	Lygodesmia juncea	LYJU						2																											**2**
346	Lysimachia ciliata	LYCI			1						1		1																						**3**
347	Lysimachia hybrida	LYHY											1																						**1**
348	Lysimachia lanceolata	LYLA																		1															**1**
349	Lysimachia quadriflora	LYQU							1			1								1															**3**
350	Lysimachia terrestris	LYTE2																																	**0**
351	Lysimachia thyrsiflora	LYTH2																																	**0**
352	Lythrum alatum var. alatum	LYALA4		1	1								1	2		1				1															**7**
353	Maianthemum racemosum	MARA7									1	1			1																				**3**
354	Maianthemum stellatum	MAST4				1							1		2	2						1													**7**
355	Malus ioensis	MAIO																																	**0**
356	Menispermum canadense	MECA3																																	**0**
357	Mentha arvensis	MEAR4					1						1		1	1															1				**5**
358	Mertensia virginica	MEVI3												3						1															**4**
359	Mimosa nuttallii	MINU6		1	1															1															**3**
360	Mimulus ringens	MIRI		1	1								3	2						1															**8**
361	Minuartia michauxii	MIMI2										1	1																						**2**
362	Moehringia lateriflora	MOLA6																																	**0**

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363	Monarda fistulosa	MOFI			1	1		3				1	3	2	1	1				2										1			1		**17**
364	Morus rubra	MORU2																																	**0**
365	Muhlenbergia cuspidata	MUCU3		1				2								1																			**4**
366	Muhlenbergia mexicana	MUME2											1	1																					**2**
367	Muhlenbergia richardsonis	MURI																																	**0**
368	Muhlenbergia sobolifera	MUSO						1												1															**2**
369	Nothocalais cuspidata	NOCU					1									1																			**2**
370	Oenothera filiformis	OEFI2			1															2															**3**
371	Oenothera macrocarpa	OEMA		1																1															**2**
372	Oenothera pilosella	OEPI2												1																					**1**
373	Oligoneuron album	OLAL2										1	2							1															**4**
374	Oligoneuron ohioense	OLOH										2	1																						**3**
375	Oligoneuron riddellii	OLRI2										1								1															**2**
376	Oligoneuron rigidum	OLRI	1	1	1	1	2	3			1	2	1	1		2				1	1	1						1							**20**
377	Onosmodium bejariense var. occidentale	ONBEO		2			2	1							1	1																			**7**
378	Oryzopsis asperifolia	ORAS								1																									**1**
379	Osmorhiza claytonii	OSCL						1			1		1										1												**4**
380	Osmorhiza longistylis	OSLO			1						2	1	1	3						1															**9**
381	Oxalis violacea	OXVI		1	1							1																							**3**
382	Oxypolis rigidior	OXRI										1	4							2															**7**
383	Oxytropis lambertii	OXLA3						1							1	1						1													**4**
384	Oxytropis splendens	OXSP													1																				**1**
385	Packera aurea	PAAU3											1	1						1															**3**
386	Packera paupercula	PAPA20									1	1	1																						**3**
387	Packera plattensis	PAPL12		1	1																														**2**
388	Panicum virgatum var. virgatum	PAVIV	1	1	1	2	1	1					5	2		1				2	1														**18**
389	Parnassia glauca	PAGL3										1	1																						**2**
390	Parthenium integrifolium	PAIN3											5	1						3							2							1	**12**
391	Pascopyrum smithii	PASM	1				1	1								1																			**4**
392	Pedicularis canadensis	PECA			1							1	2	1						1															**6**
393	Pedicularis lanceolata	PELA2										1								2															**3**
394	Pediomelum argophyllum	PEAR6																																	**0**
395	Pediomelum digitatum	PEDI9																																	**0**
396	Pediomelum esculentum	PEES		1			2	1								1																			**5**
397	Penstemon calycosus	PECA7																									1								**1**
398	Penstemon cobaea	PECO4		1	1																														**2**
399	Penstemon digitalis	PEDI											2	2						1															**5**
400	Penstemon gracilis	PEGR5																																	**0**
401	Penstemon grandiflorus	PEGR7				1	1	1	1																										**4**
402	Penstemon hirsutus	PEHI											1																						**1**
403	Penstemon pallidus	PEPA7												1						2															**3**
404	Penstemon tubaeflorus	PETU			1																														**1**
405	Penthorum sedoides	PESE6		1	1								1	1																					**4**
406	Perideridia americana	PEAM2												1																					**1**
407	Phlox divaricata	PHDI5			1							1		1						1															**4**
408	Phlox glaberrima	PHGL4											2	1																					**3**

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409	Phlox pilosa	PHPI																																	**0**
410	Phlox pilosa ssp. fulgida	PHPIF2										1	2							1															**4**
411	Phryma leptostachya	PHLE5			1								1																						**2**
412	Physalis pumila	PHPU8		1																															**1**
413	Physocarpus opulifolius	PHOP									1									1															**2**
414	Physostegia parviflora	PHPA10																																	**0**
415	Physostegia virginiana	PHVI8											4	1													1								**6**
416	Poa palustris	POPA2													1								2												**3**
417	Podophyllum peltatum	POPE			1							1								1															**3**
418	Polemonium reptans	PORE2										1		2						1															**4**
419	Polygala senega	POSE3										2	1																						**3**
420	Polygala verticillata var. isocycla	POVEI																																	**0**
421	Polygonatum biflorum var. commutatum	POBIC			1							1	1																						**3**
422	Polygonatum pubescens	POPU4																																	**0**
423	Polygonum amphibium var. stipulaceum	POAMS						1				1																							**2**
424	Polygonum hydropiperoides	POHY2	1										1	1																					**3**
425	Polygonum punctatum	POPU5		1									1																						**2**
426	Polygonum sagittatum	POSA5											1																						**1**
427	Polymnia canadensis	POCA11											1																						**1**
428	Polytaenia nuttallii	PONU4		1	1			1												2															**5**
429	Potentilla arguta	POAR7			1	2	1				2	1	2																						**9**
430	Potentilla pensylvanica	POPE8																																	**0**
431	Prenanthes alba	PRAL2											1																						**1**
432	Prenanthes aspera	PRAS						1					1																						**2**
433	Prenanthes racemosa	PRRA					1		1				1																						**3**
434	Prunus pumila	PRPU3											1										1												**2**
435	Psoralidium tenuiflorum	PSTE5	1	1										1	1	1				2		1													**8**
436	Pulsatilla patens ssp. multifida	PUPAM					1					2			1																				**4**
437	Pycnanthemum tenuifolium	PYTE			1								1	1						2															**5**
438	Pycnanthemum verticillatum var. pilosum	PYVEP											1							2															**3**
439	Pycnanthemum virginianum	PYVI										1	1							2															**4**
440	Pyrola elliptica	PYEL									1																								**1**
441	Ranunculus fascicularis	RAFA									1		1																						**2**
442	Ranunculus hispidus var. nitidus	RAHIN											1	1						1			1												**4**
443	Ratibida columnifera	RACO3		1		1		1	1						1	2															1		1		**9**
444	Ratibida pinnata	RAPI	1	1	2			2			2	1	1	2						3															**15**
445	Ribes missouriense	RIMI											1																						**1**
446	Rosa arkansana	ROAR3		1		1		2	1							1																			**6**
447	Rosa carolina	ROCA4										3	1	2						1															**7**
448	Rosa setigera	ROSE2											1							3															**4**
449	Rosa woodsii var. woodsii	ROWOW				1									1	1						2													**5**
450	Rudbeckia hirta	RUHI2		1	1		1	1					2	1	1					2													1		**11**
451	Rudbeckia laciniata	RULA3									1		1		1					2															**5**
452	Rudbeckia subtomentosa	RUSU			1							1	1	2						1															**6**

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453	Ruellia humilis	RUHU			1								1	1						2															**5**
454	Ruellia strepens	RUST2		1	2									1						1															**5**
455	Rumex orbiculatus	RUOR2											1																						**1**
456	Sabatia angularis	SAAN																																	**0**
457	Sagittaria cuneata	SACU					1														1														**2**
458	Sagittaria latifolia	SALA2	1			1																													**2**
459	Sagittaria rigida	SARI																																	**0**
460	Salix amygdaloides	SAAM2																																	**0**
461	Salix eriocephala	SAER																																	**0**
462	Salix humilis	SAHU2																																	**0**
463	Salix petiolaris	SAPE5																																	**0**
464	Salvia azurea var. grandiflora	SAAZG	1	1	1	1		1																											**5**
465	Sanguinaria canadensis	SACA13							1			1	2																						**4**
466	Saururus cernuus	SACE											1	1													1								**3**
467	Saxifraga pensylvanica	SAPE8																					1												**1**
468	Schizachyrium scoparium var. scoparium	SCSCS		2	1	1		2	1		1	1	5		1	1				1	1	2						1					1		**22**
469	Schoenoplectus acutus	SCAC3				1	1	1				1	1								2	1													**8**
470	Schoenoplectus pungens	SCPU10		1		1	1	2													1	1													**7**
471	Schoenoplectus pungens var. longispicatus	SCPUL4											1			1				1										1					**4**
472	Schoenoplectus tabernaemontani	SCTA2	1	1	1	1	1					1				1				1															**8**
473	Scirpus atrovirens	SCAT2		1	1			1					3	2						1															**9**
474	Scirpus cyperinus	SCCY										2	1	1						1															**5**
475	Scleria triglomerata	SCTR						1					1	1																					**3**
476	Scrophularia marilandica	SCMA2											1	1																					**2**
477	Scutellaria galericulata	SCGA											1																						**1**
478	Scutellaria lateriflora var. lateriflora	SCLAL2											1	1																					**2**
479	Scutellaria parvula var. missouriensis	SCPAM			1			1			2	2	1							1															**8**
480	Senna hebecarpa	SEHE3											1																						**1**
481	Senna marilandica	SEMA11												1													1								**2**
482	Silene antirrhina	SIAN2		1	1			1					1	1																					**5**
483	Silene stellata	SIST		1	1								1	1						1							1								**6**
484	Silphium integrifolium	SIIN2		1	1								3	1						2															**8**
485	Silphium laciniatum	SILA3		2	1			2			1			1						1															**8**
486	Silphium perfoliatum	SIPE2			1						1		1	1						1															**5**
487	Silphium terebinthinaceum	SITE										1	1	1						2															**5**
488	Sisyrinchium albidum	SIAL3										1	1	1		1											1								**5**
489	Sisyrinchium angustifolium	SIAN3												1						1															**2**
490	Sisyrinchium campestre	SICA9		1	2			1			2	1		1						1															**9**
491	Sisyrinchium montanum var. montanum	SIMOM													1																				**1**
492	Sium suave	SISU2												1									1												**2**
493	Smilax ecirrhata	SMEC																																	**0**
494	Smilax lasioneura	SMLA3											2																						**2**

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17	*Taxon*	*Code*	*27*	*28*	*40*	*44*	*46*	*47*	*48*	*51*	*52*	*53*	*54*	*72*	*21*	*25*	*36*	*37*	*38*	*39*	*42*	*43*	*50*	*55*	*56*	*57*	*71*	*73*	*75*	*17*	*18*	*22*	*26*	*62*	**Total**
495	Smilax tamnoides	SMTA2			1								1																						2
496	Solidago caesia	SOCA4											2																						2
497	Solidago flexicaulis	SOFL2								1	1		2																						4
498	Solidago juncea	SOJU										2		1																					3
499	Solidago missouriensis var. fasciculata	SOMIF			1	1	1	1						1	1	1																			7
500	Solidago nemoralis	SONE			1						1	1	3	1		1				2							1						1		12
501	Solidago radula	SORA																		2															2
502	Solidago rugosa	SORU2																		1															1
503	Solidago speciosa	SOSP2			1						1	1	4															1							8
504	Solidago ulmifolia	SOUL2			1						1		3	1						2															8
505	Sorghastrum nutans	SONU2	2	2	1	2	2	1			2	1	4	2		3				2	1							1					2		28
506	Sparganium eurycarpum	SPEU						1					1	1																					3
507	Spartina pectinata	SPPE	2	1	1			1				1	1	1		1				2		1													12
508	Sphenopholis obtusata	SPOB			2		1							1		1																			5
509	Spiraea alba	SPAL2							1																										1
510	Sporobolus cryptandrus	SPCR	1									1																					1		3
511	Sporobolus heterolepis	SPHE			1						2	1	3		1	1				1							1								11
512	Stachys pilosus var. pilosus	STPIP5																																	0
513	Stenaria nigricans var. nigricans	STNIN		1	1			1												2															5
514	Symphyotrichum boreale	SYBO2											1																						1
515	Symphyotrichum cordifolium	SYCO4											1							1															2
516	Symphyotrichum ericoides var. ericoides	SYERE			1			1			1	1	1	1		1						1													8
517	Symphyotrichum laeve var. laeve	SYLAL3		1	1								2		2																				6
518	Symphyotrichum novae-angliae	SYNO2									1	1	1	1		1				1															6
519	Symphyotrichum oblongifolium	SYOB		1	1															1															3
520	Symphyotrichum oolentangiense var. oolentangiense	SYOOO		1	1						1		2	1						2					1			1							10
521	Symphyotrichum praealtum	SYPR5			1								1																						2
522	Symphyotrichum puniceum	SYPU										2								2															4
523	Symphyotrichum sericeum	SYSE2		1				1			1	1	1																						5
524	Symphyotrichum shortii	SYSH									1		3	1																					5
525	Taenidia integerrima	TAIN										2	1	2						2															7
526	Tephrosia virginiana	TEVI									1	1	2	1						1															6
527	Thalictrum dasycarpum	THDA									1	2	1							1															5
528	Thalictrum dioicum	THDI									1	1											1												3
529	Thalictrum revolutum	THRE											1																						1
530	Thalictrum thalictroides	THTH2			1								2	1						1															5
531	Thaspium barbinode	THBA																		1							1								2
532	Thaspium trifoliatum	THTR																		1															1
533	Tilia americana	TIAM																																	0
534	Tradescantia bracteata	TRBR		1	1	1		1																											4
535	Tradescantia occidentalis	TROC	1			1		1								1																			4
536	Tradescantia ohiensis	TROH		1	1						1	1	2	1						3															10
537	Tradescantia subaspera	TRSU2												1																					1
538	Tradescantia virginiana	TRVI												1																					1

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539	Triadenum fraseri	TRFR																																	**0**
540	Triglochin maritima	TRMA4																																	**0**
541	Trillium grandiflorum	TRGR4											1										1												**2**
542	Trillium recurvatum	TRRE5										1		1																					**2**
543	Triodanis perfoliata	TRPE4		1									1	1																					**3**
544	Triosteum perfoliatum	TRPE5											1	1																					**2**
545	Uvularia grandiflora	UVGR									1			1						1			1												**4**
546	Valeriana edulis	VAED											1		1																				**2**
547	Verbena hastata	VEHA2	1		1	1											1																		**4**
548	Verbena stricta	VEST	1	1		1	1	2				2	1			1																			**10**
549	Verbesina alternifolia	VEAL		1	1			1						1						1															**5**
550	Vernonia baldwinii	VEBA		1																															**1**
551	Vernonia fasciculata	VEFA2	1				1						3																						**5**
552	Vernonia missurica	VEMI2												1																					**1**
553	Veronicastrum virginicum	VEVI4			1						1	1		1						2															**6**
554	Viburnum rufidulum	VIRU			1																														**1**
555	Vicia americana	VIAM											1			1																			**2**
556	Viola canadensis var. rugulosa	VICAR																																	**0**
557	Viola cucullata	VICU																																	**0**
558	Viola nephrophylla	VINE																																	**0**
559	Viola pedata	VIPE									1		1							1							2								**5**
560	Viola pedatifida	VIPE2					1						3																						**4**
561	Viola pubescens	VIPU3			1							1	1	1						1			1												**6**
562	Zizia aptera	ZIAP							1			1	1							1															**4**
563	Zizia aurea	ZIAU		1	1								2	1						2															**7**