

RHODORA

INDEX TO VOLUMES 51-75

Compiled by

ERNEST ROULEAU

Edited for the New England Botanical Club

by

A. LINN BOGLE

ERNEST ROULEAU

DAVID M. LANE

1976

FOREWORD

The publication of this index to volumes 51-75 of RHODORA provides a much needed supplement to the index to the first 50 volumes (1899-1948) of the journal. It provides the scientific community, both amateur and professional, ready access to the large body of research — so basic especially to botanical work in North America — published in the pages of RHODORA from 1949 to 1973.

This was a period of unprecedented growth in botanical research, the extent and nature of which has been ably summarized for most botanical disciplines in *25 Years of Botany, 1947-1972* (Annals of the Missouri Botanical Garden 61(1), 1974). This growth is reflected in the pages of RHODORA in an expanded contributorship; in new areas of research and new techniques brought to bear on problems of systematics, floristics, ecology and phytogeography; in an expanded geographical scope, with increased coverage of research on the Caribbean islands, Central America and South America; and ultimately in the size of the journal.

RHODORA moved forward during this period under the able editorships of three eminent botanists: Dr. Merritt Lyndon Fernald (1929-1950), Dr. Reed Clark Rollins (1951-1961), and Dr. Albion Reed Hodgdon (1962-1974), whose dedication and years of voluntary service constitute a major, albeit unheralded, contribution to botanical science.

The index was commissioned for the New England Botanical Club by a committee consisting of Mr. William D. Countryman, Dr. Albion R. Hodgdon, and Dr. Lorin I. Nevling. The manuscript was compiled and completed in 1974 by Dr. Ernest Rouleau. The responsibility for its production then passed to the present editor who has depended heavily on the patient and invaluable assistance of Dr. Rouleau and Mr. David M. Lane in checking and correcting the galleys and page proofs. The content and format of the present index is consistent with that of the index to volumes 1-50, providing both a detailed subject index and an index to authors and titles. Errors may be inevitable in such a large and detailed work, despite the care taken to avoid them. The editor must assume responsibility for these, and would appreciate notification of those detected by the user.

A. Linn Bogle

RHODORA

INDEX TO VOLUMES 51-75

PART I

Index to Taxa Cited Page 1

PART II

Index to Authors and Titles Page 191

INTRODUCTION

The basis of this cumulative index has been the yearly indices of RHODORA, volumes 51-75. Because of the accuracy of these indices, it was not found necessary or desirable to compile the index from the text. The major contribution of the compiler has been to bring the various citations into uniformity.

For greater usefulness, the index has been divided into two parts, the first taxonomical and the second bibliographical, using both author and the key words of the titles.

In the taxonomical portion, orthographical variants have been combined under the correct orthography unless special attention was drawn to the variants or when they were referring to different taxa. Evident errors (such as the ending *flora* changed to *folia*, etc.), have been corrected. As in RHODORA, bold-face indicates a new name or a new status for a name.

The bibliographical portion has been made as complete as necessary for usefulness. Under each author, the articles have been arranged in chronological order. Joint authorship has been clearly indicated under each author in order to prevent unnecessary cross-checking. The bibliographical citations under the authors are complete, but under the key words of the titles, only the first page of the article is cited.

It is my hope that this index will prove a useful tool for taxonomists and bibliographers and that too many errors may not be found.

Ernest Rouleau

Herbier Marie-Victorin
Institut Botanique
Université de Montréal
4101 est, rue Sherbrooke
Montréal, Canada.
H1X 2B2

PART I. INDEX TO TAXA CITED

- Abelmoschus* 69:424; *esculentus* 69:424
Abies 54:233; 68:516; 71:337-338; *balsamea* 51:8; 52:273; 55:41, 45-46, 100; 60:248; 61:23; 63:65, 288; 65:84; 67:92; 68:523; 70:83, 90; 72:418, 509; 74:367; 75:314; var. *balsamea* 70:90; var. *phanerolepis* 65:88; 70:83, 87, 90-91; 72:509; *bracteata* 54:75-76; *concolor* 51:6; 68:517 (pl. 1337), 523; *firma* 73:213; *fraseri* 59:252-253, 257; 70:90; *lasiocarpa* 65:156; 70:83; 72:497; *magnifica* 68:517 (pl. 1337); *sachalinensis* 73:206, 213; *taxifolia* 57:333-335; *venusta* 54:74
Abietinella abietina 62:161
Abildgaardia monostachya 67:321
Abromeitiella 71:35, 225; *brevifolia* 71:225
Abronia arenaria 72:371-372; *fendleri* 74:83; *fragrans* 52:20; *latifolia* 72:371-372; *umbellata* 72:372
Abrus 69:411; *abrus* 67:334; 69:411; *precatorius* 57:285; 66:12; 67:334; 69:411
Abutilon 69:424; *abutiloides* 67:339; *americanum* 67:339; *crispum* 69:374; *hirtum* 69:424; *indicum* 69:424; *theophrasti* 51:8; 53:225; 55:224; 71:171; *umbellatum* 69:424
Acacia 59:118; 69:408; 70:129-130, 287, 331, 492; 72:534; *angustissima* 55:160; *confusa* 56:229, 230 (fig. 1); *farnesiana* 57:285; 67:332; 69:408; *macracantha* 69:373, 387, 408; *muri-cata* 69:408; *polyacantha* 69:373; *riparia* 69:408; *scleroxyla* 69:373; *suma* 69:373; *tortuosa* 69:408; 75:416
Acalypha 69:418; *chamaedrifolia* 69:418; *gracilens* 54:255; *hispida* 69:418; *ostryaefolia* 69:452; *ostryifolia* 69:452; *rhomboidea* 51:111; 60:68; 74:392; *setosa* 75:393; *virginica* 51:111; 63:288; *wilkesiana* 69:418
Acanthaceae 63:211; 64:156; 66:313; 67:352; 69:395, 443; 71:33, 551; 75:422
Acanthocereus floridanus 57:287
Acanthospermum 69:447; 72:106-108; sect. *Acanthospermum* 72:107; sect. *Ceratochlaena* 72:106; sect. *Lecocarpopsis* 72:106; sect. *Xanthoides* 72:107; *australe* 62:123, 124 (fig. 3), 125-126; 70:232, 238; 72:107; 74:203; *brachyceratum* 72:106; *conso-brinum* 72:107; *donii* 72:106-107; *hispidum* 69:447; 70:232; 72:106; *humile* 72:106; 74:205; *lecocarpoides* 72:106; *leptolobium* 72:106; *micro-carpum* 72:106-108; *simile* 72:107-108
Acaulon muticum 62:154; *triquetrum* 62:154
Acer 72:54; *dasycarpum* 51:137; *macrophyllum* 73:139; *mono* 73:213; *negundo* 52:295; *nigrum* 73:425; *pensylvanicum* 55:295; 61:21; 63:66, 68, 288; 64:281; 65:93; 68:186; 72:281, 492, 521; *platanoides* 52:295; 60:65; *pseudoplatanus* 63:150; 69:454; *pseudo-platanus* 69:454; *rubrum* 51:105; 53:10; 55:173; 59:256-257; 61:21, 122; 62:92; 63:65-69, 284, 288; 65:93; 66:312, 379; 67:373, 402; 70:224; 71:32; 72:79, 280-281; 73:205, 248, 306, 501, 503, 505, 507, 509; f. *pallidiflorum* 51:103; f. *tomentosum* 57:315; 74:147; var. *drummondii* 74:147; var. *pallidiflorum* 51:103; var. *rubrum* 72:521; f. *tomentosum* 72:521; var. *trilobum* 72:521; *saccharinum* 51:137; 58:93; 59:256; 60:65; 62:200; 73:306; 74:392; *saccharum* 51:155; 54:64; 55:43, 48-49, 59, 173; 57:131; 59:258; 60:65; 61:21; 63:65, 295; 64:333; 67:386; 72:521, 554; 73:306, 425, 462; *spicatum* 52:58; 55:45, 173, 224, 295; 59:257; 63:66, 288, 295; 64:281; 65:93; 68:186; 72:492, 521; *striatum* 55:295
Aceraceae 52:295; 55:173; 71:32, 514
Acerates hirtella 75:398
Achaetogeron fisheri 65:234-235; *for-reri* 65:226, 230 (fig. 3), 233; *griseus* 65:226, 230 (fig. 4), 233; *wislizeni* 65:233
Achillea borealis 54:222; 61:23; 64:346; 65:95; 66:152; 68:414 (map), 417; 70:180-182, 184, 186-187; 71:523; *lanulosa* 53:12; 55:198-199; 57:302; 58:247; 60:7-8, 9 (fig. 1); 63:125, 129; 64:346; 65:95, 231; 66:152; 71:523; *millefolium* 55:198; 58:247; 60:7-9, 66; 66:152; 70:210; 71:20, 27, 514, 523; 72:527; 75:321; subsp. *atrotegula* var. *atrotegula* 54:222; subsp. *lanulosa* var. *megacephala* 70:204; var. *nigrescens* 61:23; *multiflora* 52:60; *occidentalis* 55:199; *ptarmica* 55:198; 60:127
Achras zapota 67:345
Achyranthes 69:402; *aspera* 67:329; 69:402, 404; *bettzickiana* 67:329; 69:402; *corymbosa* 64:179; *ficoidea* 67:329; 69:402; *indica* 69:402; *peploides* 67:329; *polygonoides* 67:329;

- 69:402; portoricensis 67:329; ramossissima 57:281, 285; 67:329; sessilis 67:328
- Achyropappus anthemoides* 66:72 (fig. 17), 73, 75, 307; *maritimus* 66:208; *woodhousei* 66:290
- Aciachne* 68:98, 266; *pulvinata* 68:266
- Acinos arvensis* 57:73; 73:60
- Aciotis* 69:172; *fragilis* 69:169
- Aciphyllaea* 64:4, 11
- Acisanthera acisanthera* 67:342; *quadrata* 67:342
- Acnida altissima* 55:224; 60:301, 304; var. *prostrata* 60:301; var. *subnuda* 60:301, 305; *cannabina* 60:301, 304; 75:57; *tamariscina* 60:301, 305
- Acnistus* 69:440; *arborescens* 69:393, 440
- Aconitum delphinifolium* subsp. *paradoxum* 65:216; *napellus* 62:110, 115; 71:170
- Acorus brachystachys* 68:28; *calamus* 53:79, 84-85; 55:136; 58:322; 59:271; 75:54, 57, 61, 316
- Acosmium* 70:499; *lentiscifolium* 70:499
- Acrochaetiaceae* 71:131; 72: 205; 74:268; 75:273, 529-531, 593
- Acrochaetium* 75:530, 535, 565; *alariae* 75:541; *alcyonidii* 75:273, 551, 554-556, 607; var. *cylindricum* 75:551, 554; *americanum* 75:588; *amphiroae* 71:131; 75:551, 555-556, 607; *antillarum* 75:92; *attenuatum* 71:132; 75:583, 607; *avrainvillae* 75:89, 563; *bornetii* 75:88, 551, 592; *catenulatum* 74:92-93; 75:86, 557; *collopodum* 75:86, 557; *compactum* 74:92; 75:86, 557, 559, 601 (figs. 48-51); *crassipes* 74:92-93; 75:86, 557; *dasyae* 75:273, 545, 607, 610; *daviesii* 74:268; 75:81, 550, 577, 607; *dufourii* 75:84-85, 97; *efflorescens* 75:584; *effusum* 75:92; *emergens* 75:572, 607; *endophyticum* 75:92, 574; *endozoicum* 75:592; *flexuosum* 71:132, 527-528; 75:273, 532, 577, 582, 607; *hallandicum* 75:82; *humile* 75:569; *hypneae* 75:563; *inclusum* 75:592; *infestans* 75:89; *intermedium* 75:545, 547-549, 607, 610; *kylinii* 75:574, 592; *levringii* 75:87, 558; *luxurians* 75:94, 97, 575; *microfilum* 74:93; 75:87, 558-559, 583, 601 (figs. 46-47), 607; *microscopicum* 75:86, 557; *minimum* 75:572, 607; *moniliforme* 75:87, 558; *nemalionis* 75:89; *opetigenum* 75:549; *pallens* 75:563; *polyides* 72:201, 205, 236; 75:587-588, 592, 607; *radiatum* 75:273, 569-571, 583, 604 (figs. 66-69), 607; *ralfsiae* 75:592; *rhipidandra* 75:541; *robustum* 75:549; *sagraeanum* 75:532, 551, 556, 560, 562, 577, 582, 590-591, 593, 607; *sargassi* 75:84-85, 97; *savianum* 75:560; *secundatum* 75:94, 575; sp. 75:273; *subseriatum* 75:545, 548; *subsimplex* 75:575, 579, 582; *subtilissimum* 75:592; *tenuissimum* 75:576; *thuretii* 75:88, 551, 556, 560-561, 563, 607; *trifilum* 75:272-273; *unifilum* 75:563; *unipes* 75:549; *virgatulum* 75:94, 96-97, 273, 575-576, 579; f. *luxurians* 75:273, 576; f. *tenuissimum* 75:576; *zosteriae* 75:545, 547-549, 607, 610
- Acrocomia aculeata* 67:322; *media* 67:322
- Acrodiclidium salicifolium* 67:330; 69:406
- Acroptilon picris* 74:344; *repens* 74:344
- Acroschizocarpus* 54:86-88, 92, 110; *kolianus* 54:86, 92, 114
- Acrostichum aureum* 66:9; 73:206; *danaeae* 57:283; *rufum* 65:56
- Acrothrix novae-angliae* 71:153
- Actaea alba* 73:302; *pachypoda* 55:156; 62:110, 113; 67:394, 395 (fig. 2, map); 72:517; f. *rubrocarpa* 62:110, 112; *rubra* 51:148; 53:11; 55:151, 156; 62:110, 113; 72:517; f. *neglecta* 55:151; 62:110
- Actinastrum hantzchii* 63:278; sp. 63:278; 75:266
- Actinella* 59:131; *argentea* 74:84; *richardsonii* var. *floribunda* 74:84
- Actinidia arguta* 73:213; *kolomikta* 73:101, 213
- Actinocheita filicina* 73:119, 121, 124 (fig. 2), 126 (fig. 4), 128 (fig. 6), 130 (fig. 8)
- Actinochloa gracilis* 56:31
- Actinomeris* 70:99; *heterophylla* 74:97-100; *pauciflora* 74:97-100
- Actinospermum* 59:129
- Actinostachys pennula* 67: 356
- Acuan depressum* 67:332; 69:409; *insulare* 67:332; *virgatum* 67:332; 69:409
- Adelia* 69:418; *acuminata* 60:327; *bernardia* 67:337; *cassinoides* 60:328; *ligustrina* 60:327; *porulosa* 60:327-328; 61:293; *ricinella* 67:337; 69:418
- Adelobotrys barbata* 65:18; *macrophylla* 65:18; *praetexta* 65:18
- Adenantha* 69:408; *pavonina* 69:408
- Adenopappus* 64:2
- Adenophyllum* 64:9, 11
- Adenoplea lindleyana* 60:21
- Adenoporces buxifolia* 67:335
- Adenoropium gossypifolium* 67:337;

- 69:420; *hastatum* 67:337; *multifidum* 67:337; 69:420
- Adenostemma brasilianum* 62:122, 125; 70:229, 230 (fig. 3), 233, 235
- Adenostoma fasciculatum* 73:185
- Adiantopsis paupercula* 67:357
- Adiantum* 70:2-3; *alarconianum* 63:87; *brasiliense* 63:71; *capillus-veneris* 52:201-203, 205-206, 208; f. *cristatum* 52:206; f. *elongatum* 52:206; var. *modestum* 52:206-208; f. *rimicola* 52:208; var. *protrusum* 52:203, 205-208; *concinnum* 63:87; *curvatum* 63:71; *emarginatum* 52:208; *henslovianum* 63:87; *humile* 63:70-71; *jordani* 52:208; *killipii* 63:71; *lobatum* 63:71-72, 73 (pl. 1255); *modestum* 52:206; *pedatum* 52:205; 54:167; 56:2; 57:236; 73:462; var. *aleuticum* 67:382; *poiretii* 64:348; var. *hirsutum* 63:87; *schaffneri* 52:207-208; *terminatum* 63:70; *trifidum* 52:205
- Adipera bicapsularis* 67:332; 69:410; *laevigata* 67:332; *stahlia* 67:332
- Adumia fungosa* 63:47, 52, 288
- Adonis autumnalis* 54:253
- Adventina ciliata* 72:386
- Aechmea* 71:36, 271; *angustifolia* 71:271-272; *boliviana* 71:272; *brachyclada* 71:271-272; *bromeliifolia* 71:271, 274; *castelnavii* 71:271, 273; *distichantha* 71:271, 273; var. *schlumbergeri* 71:274; *ellipsoidea* 71:274-275; *inconspicua* 71:272; *involuta* 71:274; *kuntzeana* 71:271; *lingulata* 67:323; spp. 69:392; *tocantina* 71:271, 273
- Aegilops crassa* 58:44; *cylindrica* 52:52; 59:123; 63:130; var. *rubiginosa* 52:20
- Aegiphila elata* 67:350
- Aegopodium podagraria* 68:519
- Aegopogon* 68:104, 279; *bryophilus* 68:280; *cenchroides* 62:177 (fig. 1), 181, 183-184; 63:343; 68:280; *fibrigii* 68:280; *geminiflorus* var. *muticus* 68:280
- Aeschrion antillana* 67:336; *excelsa* 67:336
- Aeschynomene* 69:411; *americana* 69:411; *elegans* 63:18; *gracilis* 67:333; *portoricensis* 67:333; *sensitiva* 69:411
- Aesculus* 57:37; \times *arnoldiana* 59:189; *assamica* 59:200; \times *bushii* 59:192; *californica* 59:185, 200; *carnea* 59:186, 200-201; *discolor* 57:39; 59:46; 62:127; \times *dupontii* 59:197-198; var. *hessei* 59:197; *flava* var. *purpurascens* 59:199; *georgiana* 59:45, 50; var. *pubescens* 59:45, 50; *glabra* 52:295; 57:38-40; 59:50, 185, 188, 189 (map 1), 191 (figs. 7, 13), 192-193, 199, 201; 64:331; 74:147; f. *marylandica* 59:188; var. *arguta* \times *pavia* 59:191 (fig. 12), 192; var. *leucodermis* 74:147; \times *octandra* 59:188, 189 (map 1), 191 (figs. 2-5); \times *pavia* 59:189 (map 1), 192; \times *sylvatica* 59:186; *glaucescens* 59:193-194; 62:128; \times *glaucescens* 62:129; *harbisonii* 59:45; \times *harbisonii* 59:194; *hippocastanum* 57:38-41, pl. 1205; 59:185-186, 201; *hybrida* 59:198-199; *indica* 59:200; *marylandica* 59:186; \times *mississippiensis* 59:192; *mutabilis* 59:194; \times *mutabilis* 59:195; var. *harbisonii* 59:194; var. *induta* 59:194; var. *penduliflora* 59:194; *neglecta* 62:127-129; \times *neglecta* 62:129; *octandra* 57:39-40, pl. 1205; 59:50, 185, 188, 189 (map 1), 190-194, 196, 197 (fig. 34), 198-199, 201, 256, 258; 62:127-128; 71:303; 72:492; var. *hybrida* 59:199; var. *purpurascens* 59:199; \times *pavia* 59:198; \times (*pavia* \times *sylvatica*) 59:189 (map 1), 197; \times *sylvatica* 59:186, 189 (map 1), 193, 197 (fig. 33); 62:128-129; *parryi* 59:185, 200; *parviflora* 57:39-40; 59:185, 201; *pavia* 59:46-47, 48 (fig. 1), 49-50, 185-186, 189 (map 1), 191 (figs. 8-9), 192-193, 195, 196 (figs. 14-18), 197-199, 201; 62:128-129; var. *arguta* 59:198; \times *glabra* 59:191 (figs. 10-11), \times *sylvatica* 59:45, 48 (fig. 1), 189 (map 1), 194, 196 (figs. 19-23), 198; 62:129; *plantierensis* 59:186, 200-201; *sylvatica* 57:39-41, pl. 1205; 59:46-47, 48 (fig. 1), 49-50, 185, 189 (map 1), 193-195, 196 (figs. 27-30), 197-199; 62:127-129; \times *octandra* 196 (fig. 31); \times *octandra* \times *pavia* 59:196 (fig. 31), 197; \times *pavia* 59:196 (figs. 24-26); 62:129; *turbinata* 59:200; 73:213; *versicolor* 59:198; *woerlitzensis* 59:197-198; var. *ellwangeri* 59:197
- Aethusa cynapium* 74:156
- Azelia cassioides* 64:90
- Agalinis aphylla* 71:33; *heterophylla* 74:387; *linifolia* 64:91; *obtusifolia* 64:91; *purpurea* 64:91; 71:33; *setacea* 64:88; *tenella* 64:91
- Aganippea bellidiflora* 66:156; *dentata* 66:156
- Agardhiella tenera* 71:528; 72:214, 230; 73:283; 74:480; 75:274
- Agaricus coloreus* 68:176; *compressipes* 62:187; *flavescens* 71:190; *leptolomus* 65:290, 293; *lilacinus* 68:181; *luteoolivaceus* 68:176; ru-

- bescentifolius* 68:176; *sulphureoides* 71:190-191; *trullisatus* 64:130; *truncicola* 65:295; *uranius* 64:131
Agarum *cribrosum* 54:276; 66:222 (pl. 1300), 223, 230; 71:125, 137, 155; 72:116, 319, 326, 336; 74:267, 416; *turneri* 54:276
Agastache *anethiodora* 58:287; 70:38; *foeniculum* 55:188; 58:287; *nepe- toides* 70:38; *scrophulariaefolia* 69: 452; *scrophulariifolia* 69:452; 70:38
Agastianis 70:521; *secundiflora* 70:528
Agati *grandiflora* 67:333; 69:414
Agave *americana* 57:285; *bahamense* 73:48; *decipiens* 57:285; 67:312; *in- aguensis* 66:8, 12; *nashii* 66:8; *sis- alana* 57:285, pl. 1220; *virginica* 54: 172
Agenium *villosum* 68:353
Ageratella *microphylla* 74:497; var. *palmeri* 74:497; var. *seemannii* 74: 497; *palmeri* 74:497
Ageratum 69:447; 72:94-95; 75:422; *campuloclinoides* 72:94, 97; *cony- zoides* 69:447; 70:235; 75:422; subsp. *conyzoides* 75:422; subsp. *latifolium* 75:422; *corymbosum* 63:122, 126; 64: 260 (fig. 1), 262; *houstonianum* 64: 262; *latifolium* 64:262; 75:422; *mi- crophyllum* 74:497; *paleaceum* var. *nelsonii* 64:262; var. *paleaceum* 64: 262; *tomentosum* 64:262
Ageria 53:232; *opaca* 53:233
Agina 61:48
Aglaonema *costatum* 62:252, 256; *marantaefolium* 62:252, 253 (fig. 6), 255; *pictum* 62:252, 256
Agmenellum *quadruplicatum* 73:267; 75:282; *thermale* 58:118; 75:282
Agoseris *cuspidata* 52:297; *glauca* 70: 50; *purpurea* 74:84
Agrimonia *gryposepala* 63:43; 69:306, 315; 72:349; *microcarpa* 64:356-357; *parviflora* 64:357; 69:306, 316; *pla- tycarpa* 64:357; *pubescens* 55:224; 67:394, 395 (fig. 3, map); 69:306, 316; *rostellata* 61:27; 69:306, 316; *striata* 55:169; 67:373; 69:307, 315
× *Agroelymus* *palmerensis* 70:471
× *Agrohordeum* 70:472
Agropyron 64:143; 68:104, 236; 69: 122; 70:467, 471-472; *albicans* 54: 196; var. *griffithsii* 54:196; *attenu- atum* 68:236; *breviaristatum* 68:236; *dasystachyum* 59:123-124; 62:199; 63:132; var. *psammophilum* 68:437; *desertorum* 59:123; *elongatum* 65: 318; *inermis* 54:196; *latiglume* 58: 281; 70:470; *psammophilum* 68:437; *pseudorepens* 54:196; 64:143, 144 (fig. 2), 145-146; f. *aristatum* 54: 211; *pungens* 51:8; 70:442; *repens* 52:293; 55:121; 56:28; 59:230; 62: 199; 63:130-131; 64:143-145; 67:89; 71:519; f. *aristatum* 59:230; 65:88; 75:314; f. *pilosum* 75:314; f. *trichor- rhachis* 55:52, 121; 65:88; 66:62; 75: 314; var. *repens* 72:510; f. *aristatum* 72:510; f. *pilosum* 72:510; f. *trichor- rhachis* 72:510; var. *subulatum* 60: 67; 64:344; f. *setiferum* 64:345; f. *vaillantianum* 55:52, 121; 58:246; 64:345; × *trachycaulum* 64:144 (figs. 1-2); *saxicola* 52:52; *sericeum* 58:148; 70:470-471; *smithii* 51:21; 56:28; 59:230; 63:130-131; 64:143, 145, 354; 70:451; var. *molle* 51:21; 59:123; 63:131-132; var. *smithii* 63: 130; var. *typicum* 51:21; *spicatum* 54:196; *subsecundum* 51:168; *tra- chycaulum* 53:4, 11; 62:199; 64:143- 145; 70:210, 470-471; var. *glaucum* 65:88; 66:143; var. *latiglume* 54: 196; var. *majus* 53:14; 64:144; 65: 88; 66:144; 72:510; f. *pseudorepens* 54:196; 64:145; var. *novae-angliae* 53:16; 55:121; 57:302; 58:246; 72: 510; var. *unilaterale* f. *andinum* 54: 196; var. *typicum* 55:121; *triticeum* 55:236; *violaceum* 70:470-471; var. *andinum* 54:196; var. *latiglume* 54: 196
Agrostemma 52:233; *chalcedonica* 52: 243; *coronaria* 52:243; *githago* 52: 243; 62:108, 115
Agrostis 51:192; 68:99, 258; *alba* 55: 124; 59:231; 60:65; 64:345; 68:438; f. *aristata* 51:192; f. *aristigera* 51: 192; var. *alba* 71:519; 72:511; var. *palustris* 59:231; 64:345; 65:88; 71: 22, 519; 72:511; *araucana* 68:259, 261; *boliviana* 68:258, 260; *borealis* 61:123; *canina* 53:266; f. *mutica* 60: 65; var. *varians* 53:266; *clandestina* 56:26, 30; *cryptandra* 52:125; *elliott- tiana* 51:127; f. *molesta* 56:28; *exa- rata* 52:166; *exasperata* 68:258, 261; *gelida* 68:258-259; *geminata* 55:125; f. *exaristata* 55:125; *gigantea* 68: 438; *haenkeana* 68:259-260; *hye- malis* 68:439; var. *tenuis* f. *setigera* 68:438-439; *michauxii* var. *laxiflora* 68:438; *montevidensis* 68:258-259; *nardifolia* 66:277; *palustris* 59:231; 63:137; 68:438; *perennans* 53:19; 60:67; 68:258, 260; 72:511; 75:315; var. *aestivalis* 59:231; 65:88; *poly- morpha* var. *palustris* 68:438; *rosea* 66:277; *rossae* 64:117-118; *scabra* 55:124; 58:246; 65:88; 66:380; 68: 438-439; 70:205, 208; 71:22; 72:511; 75:315; f. *tuckermani* 59:231; var. *scabra* f. *tuckermanii* 68:438; var. *septentrionalis* f. *setigera* 68:438-

- 439; stolonifera 68:258-259; f. aristigera 51:192; var. compacta 68:438; var. major 68:438; 75:315; var. palustris 68:437; 75:315; tenuis 58:246; 60:65; 64:118; 65:88; 72:511; f. aristata 75:315; toluensis 68:259, 261; variabilis 64:117-118; verticillata 51:126; 52:20; 68:259; virginica 68:448
- Ahnfeltia plicata* 66:221, 224; 71:115, 135; 72:117, 199-200, 216, 231-232, 236, 322, 333; 74:269, 409, 421
- Aiphanes acanthophylla* 67:322
- Aira caryophylla* 53:130; 68:515; 72:7; conferta 68:243; cristata 58:94, 96; macrantha 58:94; praecox 72:7; pubescens 58:96; valesiana 58:95
- Aizoaceae* 55:147; 60:301; 67:329; 69:404; 75:415
- Ajuga reptans* 60:23
- Akebia quinata* 62:111, 115
- Aklema petiolare* 67:338; 69:419
- Alaria* 66:222 (pl. 1300); 75:542; esculenta 66:219 (pl. 1298), 220, 226, 230; 71:114-115, 127, 132; 72:116, 205-206, 319, 326, 336; 74:267, 411, 416; 75:543; musaefolia 71:127; 72:319; pylaii 71:154
- Alariaceae* 71:127
- Albizia* 69:409; lebbeck 69:409
- Albizzia lebbeck* 69:409
- Alchemilla alpina* 52:47-48; 55:223; arvensis 59:18-19; microcarpa 59:18-19; minor 69:307, 318
- Alchornea* 69:418; latifolia 69:418
- Alcina minor* 74:176; ovalifolia 74:175; ovatifolia 74:175; perfoliata 74:12, 194-195
- Alcyonidium* 75:555
- Aldama dentata* 64:255-256, 266
- Alectoria corymbosa* 56:116, 119; nidulifera 60:77; nigricans 67:380; nitidula 67:380; ochroleuca 54:277; 56:156; 67:380; pubescens 56:155; virens 56:118
- Aletes acaulis* 60:265-266, 270; humilis 60:265; macdougalii 60:265, 270
- Aletris aurea* 51:132; 71:32; farinosa 53:80, 86; 63:304-305; 71:32; lutea 63:304-306; 66:380; 71:32; f. albiflora 63:305; × obovata 63:305-306; × tottenii 63:306-307
- Alicabon* 60:114; 69:84; barbadense 60:164
- Alisma andrieuxi* 57:175-176; berteronum 57:139-140; berteroi 57:139-141; cordifolium 57:137, 139-140; ellipticum 57:179; floribundum 57:148; gramineum 70:577-578; grandiflorum 57:148; intermedium 57:179-181; macrophyllum 57:153; nymphaeifolium 57:135, 182; plantago 70:171; plantago-aquatica 64:227-228; 70:171; 73:105; subsp. brevipes 55:118; var. brevipes 55:117-118; ranunculoides var. brasiliense 57:184; rostratum 57:135, 144, 147, 151 (fig. 29); sprengelii 57:140; subulatum 57:179; subcordatum 64:227-229; 70:578; subulatum 57:185; tenellum 57:135, 183-184; f. latifolia 57:202; triviale 55:117; 61:276, 278; 63:288; 70:578; 72:509; 73:255; virgata 57:137
- Alismaceae* 67:317; 71:550
- Alismataceae* 55:117; 66:11; 67:317
- Alkekengi* 60:114; 69:82, 84; barbadense 69:321
- Allamanda* 69:434; cathartica 69:434
- Alliaria officinalis* 60:15; 61:187; 63:47, 55
- Allionia gausapoides* 61:85; hirsuta 70:33; incarnata 51:20, 23; 56:209; linearis 61:85; 70:33; subhispida 61:85
- Allium* 61:272; ampeloprasum 60:12; 63:310; 69:61; 70:303; var. atroviolaceum 60:12; 63:310; canadense 53:80, 86; 61:70; 72:170; var. mobilense 61:71; cernuum 75:385; cuthbertii 61:72; fistulosum 53:88-89; geeyeri 61:72; mutabile 55:290; 63:20; oleraceum 53:88-89; 55:159; plummerae 61:72; reticulatum 70:28; schoenoprasum 51:110; var. laurentianum 53:9; 55:137; var. sibiricum 51:110; 53:80, 86; 55:51, 53, 137; 72:514; speculae 61:70-72; stellatum 55:137; 57:267, 290, 321; 58:282; 70:28; 75:384; textile 70:28; tricoccum 53:80, 85; 55:243; 70:285; 71:168; var. burdickii 55:243; vineale 53:80, 88; f. compactum 54:252; var. compactum 66:312
- Allophyllus occidentalis* 69:374; racemosus 69:374
- Alloplectus* 70:413; ambiguus 67:352; 70:414
- Allosandra* 69:296; lanceolata 69:296, 300; verbenifolia 69:300, 302-303
- Alnus crispa* 55:42, 145; 58:127, 131-132; 67:375; var. mollis 58:127, 131; 65:90; 72:515; 75:317; glutinosa 58:127; 69:378; incana 55:145; oblongifolia 70:465; rugosa 52:293; 58:127, 131; 61:21; 63:66, 297; 67:373, 375; 69:378; f. emersoniana 58:127; var. americana 53:10; 55:42-43, 46-47, 145; 58:127; 63:297-300, 301 (figs. 9-10), 302-303; 65:91; 72:515; 75:317; f. hypomalaca 58:128; f. tomophylla 58:128; × serrulata 63:301 (figs. 7-8); var. rugosa 63:297-298, 302-303; 72:515; serrulata 54:253; 56:

- 131; 58:128; 60:206-207; 61:21; 63:297-298, 300, 301 (figs. 1-2), 302-303; 72:79; f. *emarginata* 63:303; f. *nanella* 63:303; f. *noveboracensis* 54:253; 58:128; var. *subelliptica* 63:297, 302-303; f. *emarginata* 58:128; f. *mollescens* 58:128; var. *vulgaris* 51:116; × *rugosa* var. *americana* 63:301 (figs. 3-6); *tenuifolia* 68:186
- Alocasia* 70:414; *cuprea* 62:252; sp. 70:414
- Aloe barbadensis* 67:324; *vulgaris* 67:324
- Aloina rigida* 56:203
- Alomia* 72:95; *fastigiata* 70:230 (fig. 4), 235; 72:97; *longifolia* 72:95, 97; *microcarpa* 70:231; 72:95
- Alopecurus* 68:105, 261; *aequalis* 53:266; 55:125; 68:262; var. *natans* 55:125; *alpinus* 54:48, 51, 216; var. *alpinus* 65:212; *aristulatus* 53:14, 266; *bracteatus* 68:262; *carolinianus* 51:127; 62:262-263; *ciliatus* 58:96; *geniculatus* 62:262; *hitchcockii* 68:262; *pratensis* 59:231; 65:89; 71:168; 72:511; 75:315
- Alpinia antillarum* 67:324; *aromatica* 67:324; *exaltata* 67:324; *speciosa* 67:324
- Alpiniaceae 67:324
- Alsinaceae 67:330
- Alsine antillana* 67:330; *longifolia* 52:57; *media* 55:11; *rossii* 60:45; *uliginosa* 52:250
- Alsinopsis macrantha* 60:49
- Alsophila* 69:65; 71:7-8; *abbottii* 74:445; *acutidens* 71:8; *aquilina* 67:356; *armata* 71:7, 13; 73:9; *bicrenata* 71:10, 13, 15-16; *borinquena* 67:356; *brooksii* 74:445; *bryophila* 74:443, 444 (figs. 9-10), 445; *capensis* 74:445; *confinis* 74:445; *conjugata* 69:65, 67; 71:9-10, 11 (fig. 5, map), 12, 14, 16; *corcovadensis* 62:6; *dichromatolepis* 62:6; *dryopteroides* 74:445; *engelii* 74:445; *estelae* 69:66 (figs. 5-7), 67-68; 71:8, 10, 16; *gleasonii* 62:7; *haughtii* 62:7; *hirsuta* 71:9, 13-14, 16; *hirta* 71:14; *hotteana* 74:445; *kuhnii* 62:7; *lasiosora* 62:6; *lechria* 62:4, 5 (pl. 1251), 6; *mexicana* 71:8; *microdonta* 62:6; 71:8; *minor* 74:445-446; *mysuroides* 71:8; *nesiotica* 71:8, 10, 16; *nockii* 74:445; *notabilis* 71:8; *pansamalana* 71:9, 11 (fig. 2), 15; *pauciflora* 74:445; *phalaenolepis* 62:7; *phegopteroides* 62:7; *quadripinata* 67:356; *rufa* 71:9, 14, 16; *sagittifolia* 74:446; *salvinii* 74:445; *scabriuscula* 71:8, 12, 15; var. *guatemalensis* 69:66 (fig. 8), 68; 71:9, 13; var. *scabriuscula* 69:68; 71:8, 12, 15-16; *scopulina* 62:2, 3 (fig. 2), 4, 6; *stipularis* 62:6; 71:9, 14; *strigillosa* 71:9, 13; *swartziana* 69:67-68; 71:7-10, 13, 16; *trichiata* 62:6; 69:65, 67; 71:8, 10, 11 (fig. 1, fig. 3, map), 12, 16-17; *tryonorum* 69:65, 66 (figs. 1-4), 67; 71:8, 10, 11 (fig. 4, map), 12-13, 16; *urbanii* 74:445; *ursina* 62:6-7; *villosa* 62:6
- Alternanthera* 59:239; 69:402; *ficoidea* 67:329; 69:402; var. *betzickiana* 67:329; 69:402-403; *paronychoides* 67:329; 69:402; *peplodes* 67:329; *philoxeroides* 59:239; *portoricensis* 67:329; *ramosissima* 67:329; *repens* 52:167; *sessilis* 67:329; *williamsii* 73:47
- Alternaria* 70:385; *tenuis* 73:306, 308
- Althaea* 69:424; *officinalis* 63:43; *rosea* 59:28; 69:424; 71:171
- Alysicarpus* 69:412; *vaginalis* 69:412; 75:390
- Alyssum* 70:298, 300; sect. *Alyssum* 70:298-300; sect. *Psilonema* 70:298; *alyssoides* 63:47, 54; 70:298-299; 74:391; *auriculatum* 57:260; *calycinum* 70:298-299; *campestre* 70:299; *desertorum* 70:298; 74:381, 391; *grandiflorum* 57:262; *lasiocarpa* 57:244; *lescurii* 54:186; 57:247; *maritimum* 70:299; *minimum* 70:298; *minus* var. *micranthum* 70:299-300; *petraeum* 70:28, 299; *saxatile* 63:47, 55; 70:299; *shortii* 54:191; *strigosum* 70:299-300; subsp. *strigosum* 70:299; *szowitsianum* 70:299
- Amalias anceps* 74:283
- Amanita cinereoconia* 61:127, 129 (pl. 1249); *muscaria* 64:127; *parcivolvata* 64:126-127
- Amanitopsis parcivolvata* 64:126
- Amaranthaceae 60:301; 63:211; 66:12; 67:329; 69:395, 402; 73:49
- Amaranthus* 52:223; 69:403; 75:115; *albus* 52:167; 59:18; 60:301-302; 72:516; var. *pubescens* 52:167-168; *arenicola* 67:181; *ascendens* 60:301, 305; *australis* 67:313; *caudatus* 60:301, 305; 69:403; 74:143; *crassipes* 69:403; *crispus* 59:18; *cruentus* 60:301, 305; *deflexus* 60:301, 305; *dubius* 66:12; 69:403; 73:49; *gracilis* 67:329; *graecizans* 52:167; 60:14, 301, 305; *hybridus* 57:285; 60:301, 305; f. *hypochondriacus* 60:301, 305; *lividus* 60:301, 305; *palmeri* 60:301, 305; *powellii* 60:301, 305; 63:180; *pumilus* 60:301; *retroflexus* 60:301, 304; 63:288; 72:516; *scleroides* 52:168; *spinosus* 60:301, 305;

- 69:403; *tamariscinus* 68:519; *viridis* 60:301, 305; 66:12; 67:329
Amaryllidaceae 53:82; 64:149; 66:12; 67:324; 71:32; 73:48
Amauria dissecta 66:185, 190, 196
Amauriopsis dissecta 66:179, 190
Amberboa moschata 74:344; *muricata* 74:339
Amblyolepis 59:130
Amblystegiaceae 62:147, 162
Amblystegiella confervoides 59:26; 62:162; *subtilis* 59:26; 62:162
Amblystegium compactum 58:248; *juratzkanum* 53:125; 62:162; *serpens* 62:162; 64:124; *varium* 53:125; 62:162
Ambrosia 69:447; *artemisiifolia* 60:178-185, 186 (fig. 2A), 187-188, 189 (fig. 3A), 190-203, 310-312, 314 (fig. 2B); 71:516-517, 523; *f. villosa* 60:194; *var. artemisiifolia* 72:527; *var. elatior* 52:173; 57:288; 60:68; 63:289; 72:527; 75:321; *f. villosa* 52:173; 72:527; \times *coronopifolia* 60:191, 315; \times *trifida* 60:309-315; *bidentata* 60:126, 201; 75:407; \times *trifida* 60:310; *confertiflora* 67:354; *coronopifolia* 60:177-182, 183 (fig. 1A, map), 184-185, 186 (fig. 2B), 187-188, 189 (fig. 3B), 190 (fig. 4), 191-203, 314 (fig. 2A); *cumanensis* 64:265; *elatior* 60:178, 195, 201; \times *helenae* 60:200, 310, 315; *hispida* 57:280, 288; 69:447; *intergradiens* 60:183 (fig. 1B, map), 186 (fig. 2B), 189 (fig. 3B), 190 (fig. 4), 191-197, 200-203, 315, pl. 1234; *media* 60:195; *peruviana* 64:265; *polystachya* 62:124 (fig. 4), 125; 70:232, 238; *psilostachya* 54:181; 60:177, 181, 183, 185, 188, 190 (fig. 4), 200-203, 311; *var. coronopifolia* 55:197, 224; 60:126, 181; *tomentosa* 74:394; *trifida* 55:197; 60:178, 180-182, 195, 201, 310-312, 314 (fig. 2D); 71:174-175
Ambrosiaceae 67:354
Amelanchier 52:227; 55:45; 72:350; *alnifolia* 53:158; 59:120; *arborea* 52:276; 59:122; 64:18; 69:307, 316; 72:519; *bartramiana* 55:166; 59:122; 65:92; 66:141, 146-147, 153; 69:307, 316; \times *laevis* 55:166; 69:307, 316; 72:519; *canadensis* 55:81, 166; 69:307, 316; 72:519; *var. subintegra* 52:67-68; *gaspensis* 53:6, 16; 69:307, 317; *humilis* 55:46; 59:120; 69:307, 317; *var. compacta* 55:81, 166; *huronensis* 55:81, 165; *intermedia* 55:166; 69:307, 317; *laevis* 53:10; 55:166; 63:66; 65:92; 66:141, 146, 153; 69:307, 315; 71:20, 25; 72:519; \times *bartramiana* 65:92; \times *canadensis* 72:519; *mucronata* 55:81, 166; *nantucketensis* 69:307, 317; \times *neglecta* 69:207, 316; *quintimartii* 59:121-122, pl. 1228; *sanguinea* 55:165; 69:307, 316; *spicata* 59:120; *stolonifera* 53:3; 55:166; 59:120; 69:307, 315; 72:519; *wiegandii* 55:81, 165; 69:307, 316
Amellus 75:170-171; *asper* *var. canescens* 75:192; *var. glabriusculus* 75:194; *var. normalis* 75:192; *spinulosus* 70:50; *villosus* 70:49
Amesia latifolia 51:163
Ammannia 69:429; *latifolia* 57:287; 69:429
Ammiaceae 67:344
Ammophila arenaria 70:223; *breviligulata* 62:199; 65:284; 67:89; 70:225; 71:19, 22, 540; 73:22, 23 (fig. 1), 30; 75:56, 315
Ammoselinum popei 62:94
Amomis caryophyllata 67:342; 69:431; *grisea* 67:342; 69:431
Amorpha 55:157; 56:261; 70:512; *canescens* 54:235; 55:157-158; 57:291-292; 70:29; \times *fruticosa* 55:158; *crenulata* 56:263; *croceolanata* 56:263; *curtissii* 56:263; *cyanostachya* 56:263, 265; *floridana* 56:263, 265; *fruticosa* 55:158; 56:263-264; *georgiana* 56:261, 263, 264 (figs. 1-6), 265; *herbacea* 56:263, 265; *microphylla* 58:287; 70:29; *nana* 57:291, 293; 58:287; 70:29; *nitens* 56:263; \times *notha* 55:158; *virgata* 56:263
Amorphophallus bulbifer 62:252
Ampelamus albidus 60:21, 30; 70:431
Ampelopsis arborea 67:181; 73:206, 504-505, 508, 510; *japonica* 73:210; *orientalis* 73:211
Amphiachyris amoenum 62:52; *dracunculoides* 62:46-48, 49 (fig. 1), 52; *fremontii* 62:46
Amphianthus 70:396; *pusillus* 70:394, 396
Amphibromus 68:103, 115; *scabrivalvis* 68:115
Amphicarpa bracteata 64:91; *var. comosa* 55:224
Amphicarpon floridanum 75:374; *muhlenbergianum* 75:374; *purshii* 51:125
Amphidium lapponicum 59:26; 62:158
Amphiglottis anceps 67:326; *corymbosa* 67:326; *difformis* 67:326; *laccera* 67:326; *nocturna* 67:326; *pallidiflora* 67:326; *secunda* 67:326
Amphilophis ischaemum 67:317; *saccharoides* 67:317
Amphipappus fremontii 62:45-47, 49 (fig. 1), 50

- Amphipleura rutilans* 75:59-60
Amphiprora ornata 74:521 (fig.), 522
 Amphisphaeriaceae 71:200
Amphora ovalis 64:53
Amsinckia lunaris 63:230; *retrorsa* 63:44
Amsonia angustifolia 56:257; *rigida* 75:398
 Amygdalaceae 67:331
Amyris 69:416; *balsamifera* 66:19; *elemifera* 69:416; *floridana* 66:19
Anabaena 63:281; 64:57; *affinis* 63:281; 67:252; *circinalis* 71:447-448, 449 (fig. 7); *cylindrica* 67:252-253; *flos-aquae* 63:281; 67:252-253; 71:447-448, 449 (fig. 10); *inaequalis* 75:292; *limnetica* 64:53; *oscillarioides* 58:118; 63:281; 67:252-253; *schremetievi* 71:448, 449 (fig. 6); *sphaerica* 75:292; *spiroides* 63:281; *subcylindrica* 67:252; *torulosa* 67:252; 73:268; 75:292; *variabilis* 58:118; 64:53; *viguieri* 64:53
Anabaenopsis elenkinii 64:53; 67:252-253
Anacamptodon splachnoides 62:161
 Anacardiaceae 55:172; 63:211; 67:338; 69:421; 71:32; 75:418
Anacardium 69:421; *occidentale* 69:421
Anacharis 67:155, 166; *alsinastrum* 67:12, 21, 26, 166; *callitrichoides* 67:166; *canadensis* 55:118; 67:12, 25, 31, 166, 169; var. *planchonii* 67:12, 23; *chilensis* 67:166; *densa* 67:157, 166; *hillariana* 67:166; *linearis* 67:29, 166; *matthewsii* 67:166; *naias* 67:166; *nuttallii* 67:6, 166, 169; *occidentalis* 67:6, 167; *planchonii* 67:12, 167; *pomeranica* 67:167; *potamogeton* 67:167; *tripteris* 67:167
Anacheilium cochleatum 67:326
Anacystis cyanea 75:282; *dimidiata* 58:118; 71:116; 73:267; 75:282; *marina* 75:283; *montana* 58:118; f. *minor* 58:118; 75:283; f. *montana* 75:283; *rupestris* 58:119; *thermalis* 58:118; f. *major* 58:118; f. *thermalis* 75:283
Anadenanthera 70:120, 128, 331; *peregrina* 67:332; 70:114-115, 117-119, 125, 127-128, 131-132, 144, 331-332, 333 (fig.)
Anagallis arvensis f. *caerulea* 62:263; 65:81
Anamomis dicrana 72:23; *fragrans* 67:343; 69:431; *simpsonii* 72:23; *umbellulifera* 67:343
Ananas 71:36, 278; *ananas* 67:323; *anassoides* 71:278; *comosus* 67:323; 71:278-279
Anaphalis margaritacea 51:144; 55:43; 66:414; 71:307; var. *angustior* 66:152; var. *intercedens* 55:197, 224; 66:415; 70:179; 71:308; 72:527; 75:321; var. *margaritacea* 66:414, 416; 71:308; 72:527; var. *subalpina* 65:95; 66:152; 71:302, 307; 75:321
Anaptychia hypoleuca 60:82
Anastraphia bahamensis 66:15; *cuneifolia* 66:6, 15
Anastrophyllum michauxii 59:252; *minutum* 59:253; *saxicola* 60:219, 220 (fig. 9, map)
Anatherum zizanioides 67:318
Anchistea virginica 66:381; 71:31
Anchusa officinalis 54:210
Ancylogyne 66:313; *capitata* 66:319; *longiflora* 66:335; *munita* 66:325; *peruviana* 66:323
Andira 69:412; *inermis* 69:374, 412
Andrachne cuneifolia 67:337
Andreaea rothii 62:151
 Andreaeaceae 62:147, 151
Andreusia 61:48
Andrewsia 61:48; *autumnalis* 61:49; *verna* 61:55
Andromeda glaucophylla 55:41-42, 44, 181; 62:174; *polifolia* 55:14; 58:322; 62:262; 71:508; *tetragona* 54:55, 283
Andropogon 68:106, 347; *altus* 68:348, 350; *annulatus* 67:317; *arctatus* 75:374; *bequaerti* 52:249; *bicornis* 68:347, 350; *brevifolius* 67:317; *campyloracheus* 60:10; *capillipes* 75:375; *cirratus* 68:348-349; *condensatus* 68:348; *condylotrichus* 67:318; *cordatus* 68:348, 351; *divergens* 75:375; *elliottii* 52:45-46; 53:128, 129 (fig. 1, map); 55:289; 73:111; *furcatus* 55:12; 56:208; *gerardi* 51:20; 55:12; 57:321; 59:124; 60:144; 66:166; 68:439; 72:79; *glomeratus* 57:278, 283; 71:31; *gracilis* 67:317; *hallii* 52:19; *hassleri* 68:347, 349; *hirtiflorus* 67:317; 68:348-349; 75:375; *intermedius* 74:378; *ischaeum* 56:37; 58:44; *lateralis* 68:348, 351; *leptocladus* 68:348, 351; *leucostachyus* 68:347, 350; *littoralis* 75:375; *niveus* 75:375; *perangustatus* 66:380; 75:376; *pertusus* 66:11, 273; 67:317; *praematurus* 56:37; 58:326-327; f. *hirtivaginat* 58:327; *riedelii* 68:349; *saccharoides* 51:19; 55:290; 56:208; 67:317; 68:348, 350; subsp. *laguroides* 68:350; subsp. *parvispiculus* 68:350; subvar. *perforatus* 68:350; var. *barbinodis* 68:350; *scoparius* 51:20; 52:19; 56:35, 37, 208; 57:113, 320; 58:326; 61:268;

- 63:132; 72:79; 73:498; var. *divergens* 56:35-37; var. *frequens* 56:36-37; 60:67; var. *genuinus* 56:37; var. *littoralis* 56:36; var. *neomexicanus* 56:36-37; var. *polycladus* 56:36-37; var. *scoparius* 56:37; var. *septentrionalis* 56:37; var. *virilis* 56:36; *selloanus* 68:347, 351; *semiberbis* 67:317; *stolonifer* 66:380; *tener* 68:348-349; subvar. *hirtiglumis* 68:348-349; *ternarius* 73:111, 498, 512, 514; 75:374; *tracyi* 66:381; *villosus* 68:353; *virgatus* 68:347-348; *virginicus* 52:45-46; 53:128; 57:283; 63:132; 67:317
- Androsace chamaejasme* subsp. *lehmanniana* 55:251; 65:220; *maxima* 58:45; *septentrionalis* 53:158
- Aneilema geniculatum* 67:323; *keisak* 53:25, 92-93; *nudiflorum* 53:92; *spiratum* 70:571
- Anemone acutiloba* 62:232; *canadensis* 52:273; 53:268; 55:151; 62:110, 114; *cylindrica* 51:110; 62:110, 113; *hepatica* 62:232; var. *acutiuscula* 62:226, 232; var. *rotundata* 62:226; var. *typica* 62:226; *multifida* 51:8; 62:110, 114; 74:391; var. *richardiana* 53:6; *narcissiflora* 55:248; 65:211, 216; subsp. *interior* 55:250; 65:216; *nemorosa* 55:295; 62:110, 116; *nudicaulis* 55:150; *parviflora* 51:8; 53:7, 50; 65:216; 67:92-93, 382; *pulsatilla* 51:31; *quinquefolia* 52:294; 55:45; 62:110, 113; var. *interior* 55:151; f. *rubra* 52:57; *riparia* 53:7; 62:110, 114; *triloba* 62:232; *virginiana* 55:151; 62:110, 114; f. *leucosepala* 62:110
- Anemonella* 75:388; *thalictroides* 52:262; 62:110, 114; 66:312; f. *favilliana* 51:148
- Anethum* 69:432; *graveolens* 69:432; 72:394 (pl. 1), 395
- Angelica atropurpurea* 51:111; 53:20; 54:227; *triquinata* 52:175; *venenosa* 54:128
- Angelonia biflora* 71:551
- Angiospermae* 75:546
- Anisacanthus abditus* 72:70-71; *ochotorenae* 72:70-71; *stramineus* 72:70-71
- Anisodonteia* 69:16
- Anisosorus hirsutus* 67:357
- Anisostomula areola* 62:194; *rubescens* 62:186, 194, 195 (figs. 4-5)
- Ankistrodesmus* 63:277; *convolutus* 63:277; 64:53; *falcatus* 58:118; 63:277; 64:53; 71:451; var. *acicularis* 63:277; 64:53; 71:451; var. *mirabilis* 63:277; 71:451; *spiralis* 63:277
- Anneslia haemostoma* 67:331; *portoricensis* 67:331; 69:409; *purpurea* 67:331
- Annona* (see also *Anona*) 69:406; *glabra* 57:285; 69:406; *muricata* 69:391, 406; *reticulata* 69:406; *squamosa* 69:406
- Annonaceae* 67:330; 69:406
- Anoda cristata* 74:383
- Anomalostylus* 64:291, 303; *coriifolius* 64:304, 306-307; *crateriformis* 64:304-305, 307; *grandis* 64:304, 306
- Anomodon attenuatus* 53:126; 59:258; 62:161; 64:124; *minor* 53:126; 59:256; 62:161; *rostratus* 53:126; 62:162; *rugelii* 62:162; *tristis* 62:162; *viticulosus* 62:170
- Anomyia cuneifolia* 59:253
- Anonymos pudica* 63:36-38; var. *nitida* 63:37
- Anona* (see also *Annona*) *cherimolia* 61:112 (pl. 1240)
- Anotis ciliolosa* 61:176; *lanceolata* 61:171; *longifolia* 61:195; *purpurea* 61:167
- Anredera* 69:405; *baselloides* 67:330; *leptostachys* 67:330; 69:405
- Antennaria* 51:97; 52:227; 53:53, 104; 55:45; *alpina* 54:53; *angustata* 54:53; *appendiculata* 53:8; *aprica* 52:59-60; 60:306; var. *aureola* 52:59; *aureola* 52:59-60; *bayardi* 72:136; *brainerdii* 72:527; *campestris* 60:306; 62:131; *canadensis* 53:8; 55:197; 57:302; 60:306; 72:527; *fallax* 60:306; 72:527; *longii* 72:136; *margaritacea* 55:295; *microphylla* 52:60; 55:362; 60:306; *monocephala* 55:252; *munda* 55:197; 60:306; 72:527; *neglecta* 51:112; 60:68, 306; 72:527; var. *campestris* 62:131; *neodioica* 51:112; 53:8; 55:197; 60:68, 306; 72:527; var. *attenuata* 55:197; var. *interjecta* 53:8; *oxyphylla* 53:159; *parlinii* 56:251; *parvifolia* 56:211; *petaloidea* 55:197; 60:306; *philonipha* 55:252; *plantaginea* 55:308; *plantaginifolia* 52:297; 55:295; 60:68, 306; *porsildii* 61:32; *rosea* 54:291; *rupicola* 53:9; *solstitialis* 52:60
- Anthacanthus* 69:443; *spinosus* 69:443
- Anthaeantia villosa* 71:31
- Anthelia juratzkana* 60:217, 219 (fig. 8, map), 223
- Anthelis* 67:312; subgen. *Horanthes* 67:201, 312; *arenaria* 67:311; *podanisia* 67:302
- Anthemis arvensis* var. *agrestis* 60:127; var. *arvensis* 60:127; *cotula* 72:527; *mixta* 60:127; *nobilis* 72:96, 98; *tinctoria* 56:251; 60:127; 72:527

- Anthoceros ravenelii* 53:119, 122
 Anthocerotaceae 53:122
Anthochloa 68:99, 234; *lepidula* 68:234; *rupestris* 68:234
Anthodiscus 70:335; *obovatus* 70:335
Anthostoma pulviniceps 71:194-195
Anthoxanthum odoratum 51:125; 55:289; 60:65; 65:89; 71:519; 72:511; 75:315; f. *giganteum* 72:47; f. *odoratum* 72:47; *puelii* 71:564
Anthriscus cerefolium 67:344; *scandiacinus* 60:20; *sylvestris* 59:6, 19; 69:379
Anthurium crystallinum 62:252, 256; *dominicense* 70:414; *magnificum* 62:254; *scandens* 62:254, 256; *scherzerianum* 62:254; *undatum* 62:256
Antigonon 69:402; *guatamalense* 67:328; *leptopus* 69:402; 75:386; *macrocarpum* 67:328
Antirhea acutata 67:353; *coriacea* 67:353; *lucida* 67:353; *obtusifolia* 67:353; *portoricensis* 67:353; *sintenisii* 67:353
Antithamnion 66:222 (pl. 1300); *americanum* 71:136; 72:201, 220; *boreale* 66:224; 71:136; 72:201, 220, 236; *cruciatum* 71:136; 72:117, 220, 231-232, 236, 322, 333; 73:284; 75:276; *floccosum* 66:224-225; 71:154; 72:117, 220, 232, 236, 322, 333; 74:421; *plumula* 72:201, 221, 236; *pylaisaei* 71:136; 72:201, 221, 236
Antrophyum alatum 66:110; *brasilianum* 66:112-113; var. *elongatum* 66:112; *cajanense* 66:112-113; *callifolium* 66:110; *cayennense* 67:357; *discoideum* 66:112-113; *guayanense* 66:113; *jenmanii* 66:114; *latifolium* 66:110; *ledermanii* 66:110; *reticulatum* 66:110; *subfalcatum* 66:110; *subsessile* 66:113; var. *elongatum* 66:112
Anychia capillacea 51:110
Apalanthe 67:167; *granatensis* 67:167; *guyannensis* 67:167; *schweinitzii* 67:2, 167
Aperia hymenantha 67:325
 Apetalae 75:144
Aphaerema spicata 59:18
Aphanelytrum 68:99, 115; *procumbens* 68:115
Aphanizomenon flos-aquae 71:448, 449 (fig. 11)
Aphanocapsa elachista 67:252; *grevillei* 64:53
Aphanochaete clathrata 64:53; *microscopica* 64:53; *repens* 58:118; 63:276; 64:53; *stagnina* 64:54
Aphanorhagma patens 62:156; *serratatum* 62:156
Aphanostephus arizonicus 66:271; *pachyrrhizus* 66:271; *pilosus* 51:28; 52:37; *ramosissimus* 51:27-28; 52:20, 37; 65:226, 230 (fig. 5); 66:271; *ramosus* 65:226; 66:270-271; *ridellii* 66:271; *skirrhobasis* 51:24-25; 66:270 (fig. 1), 271
Aphanothece castagnei 63:280; *clathrata* 71:448
Aphantochaeta 62:62
Aphyllon uniflorum 51:111
 Apiaceae 71:33
Apios 55:355; 64:147; *americana* 60:70; 64:151, 157 (fig. 15); 67:26; f. *pilosa* 54:212; *tuberosa* 64:151; 67:26
Apiosporina morbosa 64:134-135
Apium leptophyllum 67:344; *petroselinum* 67:344
Aplectrum hyemale 53:82, 87; 56:23
Aplodon wormskioldii 54:277
Aplopappus spinulosus 58:282; 70:370
 Apocynaceae 52:296; 55:186; 66:13; 67:346; 69:434; 70:326-327, 417, 427; 71:550; 72:30
Apocynum androsaemifolium 53:5, 158; 55:46, 186, 295; 60:70; 63:44; 72:524; *medium* 53:9; 63:44; 74:385; *sibiricum* 53:9; 63:44
Apodanthes 70:426
Apodynomene 51:233, 374; *grandiflora* 51:233, 372; *meyeri* 51:372
Apteria aphylla 67:325
 Aquifoliaceae 67:338; 69:421; 71:32, 574
Aquifolium 53:232
Aquilegia canadensis 52:294; 55:151; 62:110, 114; 69:195; 72:339, 347, 492; f. *ecalcarata* 69:195, 196 (fig. 1); f. *flaviflora* 69:195; f. *hippenii* 62:110; 69:195; var. *australis* 64:150, 155 (fig. 11); var. *coccinea* 62:110, 114; var. *flaviflora* 62:110; *formosa* var. *flavescens* 60:86; *vulgaris* 62:110, 115; 72:517
Arabidopsis mollis 54:163; *thaliana* 61:268-269; 63:48, 54
Arabis 54:12-13, 88, 162; 61:272; 69:463; *arenicola* 70:206, 209, 211; var. *arenicola* 70:211; var. *pubescens* 55:161; 70:211; *blepharophylla* 54:13; *brachycarpa* 53:11; *canadensis* 63:47, 52, 348; *canescens* 68:513; *cobrensis* 54:13; *crandallii* 54:13; *crucisetosa* 54:13; *cusickii* 54:13; *dentata* 58:292; 62:242; var. *phalacrocarpa* 62:130; *dispar* 54:13; *divaricarpa* 53:11; 55:46; 63:47, 53; var. *typica* 55:161; × *holboellii* var. *retrofracta* 55:162; *drummondii* 56:248; 57:301, 303, 308; 63:47, 52; 68:413 (fig. 9, map), 417; 70:180, 187, 452; *fendleri* 74:83; var. *spati-*

- folia 68:513; furcata 54:13; glabra 55:161; 63:48, 52; 69:32; 74:391; glaucovalvula 54:13; hirsuta 55:161; var. pycnocarpa 53:158; 55:161; 56:248; 57:307; 63:48, 52; 68:413 (fig. 9, map), 417; 70:180-182; holboellii 59:68; var. collinsii 58:323-324; var. retrofracta 55:53, 82, 162; 68:513; hookeri 54:162; koehleri 54:13; laevigata 63:48, 53, 146; 69:32; lyrata 52:273; 55:161; 63:48, 53; 70:205; missouriensis 60:206; 63:48, 53; 70:452; parishii 54:13; pauciflora 68:513; perennans 54:13; perfoliata 55:161; perstellata 58:292, 293 (figs. 1-9), 294; 62:242-244; var. **ampla** 62:243-244; var. perstellata 55:224; 62:243-244; var. shortii 58:292; 62:242; pinnata 62:11, 18-19; platysperma 54:13; procurrens 63:48, 55; pycnocarpa var. typica 55:161; rectissima 54:13; schockleyi 54:13; shortii 58:292, 294; 62:200, 242-243; var. **phalacrocarpa** 62:130; stelleri 62:12; suffrutescens 54:13
- Araceae 52:293; 53:79; 55:126; 62:251; 63:211; 67:322; 70:412-414, 417; 75:316
- Arachis 69:412; fruticosa 62:341; hypogaea 53:162; 69:412
- Aralia hispida 53:20; 55:177; 72:522; 75:319; nudicaulis 52:296; 54:64; 55:45-46, 177, 295; 58:310; 65:93; 72:281, 492, 522; quinquefolia 72:339; racemosa 53:11; 54:175, 209; 55:177; 67:394, 396 (fig. 5, map); 70:182; spinosa 51:155; 71:478
- Araliaceae 52:296; 55:177; 67:344; 69:432; 75:319
- Arbutus 71:337-338; menziesii 73:185; texana 73:388; uva-ursi 55:13
- Arceuthobium cryptopodium 74:83; pusillum 60:298, 302; 67:409; 72:516
- Archibaccharis hieraciifolia 74:498, 511; hieracioides 74:498
- Archidiaceae 62:147, 152
- Archidium alternifolium 62:152
- Arctagrostis arundinacea 65:212; latifolia 54:51; 55:248; 65:212; var. arundinacea 65:212
- Arctium 59:44; lappa 59:44; 63:45; 65:368; 66:55; minus 55:200; 59:44; 60:66; 72:528; f. pallidum 59:32; nemorosum 72:528; tomentosum 59:44; 63:45, 289; 65:81
- Arctoa falcata 62:170; starkei 51:122
- Arctophila fulva 65:213
- Arctostaphylos 51:366; alpina 67:380; subsp. rubra 70:212; uva-ursi 52:79; 55:41, 182; 57:113; 62:262; 71:19; 72:530; var. adenotricha 55:182; var. coactilis 55:182; 72:523
- Arctotis stoechadifolia 64:261 (fig. 32), 270
- Arctous 51:366; alpina 62:262
- Arcyphyllum simplicifolium 64:62
- Ardisia crenulata 69:375; escallonioides 57:277; 287; 66:19; glauciflora 67:344; luquillensis 67:344; obovata 67:344; 69:433; serrulata 69:375
- Arduina grandiflora 67:346
- Arenaria arctica 65:216; brevifolia 52:71-72; caroliniana 62:108, 112, 114; 70:290; dawsonensis 53:11, 16; 67:381; var. litorea 53:16; elegans 60:45, 47; filiorum 60:49-52; groenlandica 55:295; 61:123; 62:108, 113; 72:517, 530; 74:367-370, 372-374; var. glabra 62:108, 113; humifusa 67:381; lateriflora 62:108, 113; 64:345; 65:91; 71:516, 521; 72:517; 75:317; litorea 53:11, 16; macrantha 60:44-45, 49-50, 52; macrophylla 52:286; 55:53, 81, 147; 62:108, 112, 115; marcescens 61:123; nuttallii 60:53; subsp. fragilis 60:53; subsp. gracilis 60:53; subsp. gregaria 60:53; subsp. nuttallii 60:53; obtusiloba 65:216; patula 72:272; peploides 54:40, 203; var. robusta 62:108, 115; 71:25; 72:517; 75:317; rosei 60:53; rossii 60:44-46, 49, 51; 65:216; subsp. **columbiana** 60:48, 50; var. apetala 60:48, 50, 52; var. columbiana 60:48; subsp. elegans 60:47, 51; subsp. rossii 60:45, 51; var. apetala 60:49; var. columbiana 60:48; rubella 54:49, 51, 278; 60:50, 52; 62:108, 116; 67:381; serpyllifolia 62:108, 115; var. tenuior 55:160; 62:108, 115; stricta 52:273; 58:318; 60:45, 52; 62:108, 114; subsp. dawsonensis 60:53; subsp. macra 60:53; subsp. stricta 60:52; subsp. texana 60:52; uliginosa 55:222; uniflora 52:71-72
- Arethusa bulbosa 52:44; 53:82, 84-85; 55:83, 140; 67:373; 70:196, 198, 206-208; 72:514; 75:316; pendula 58:34
- Argemone 69:406; alba 52:262; 63:47, 55; leiocarpa 57:285; mexicana 57:285; 63:47, 55; 69:406; polyanthemos f. polyanthemos 73:553; f. **rosea** 73:553
- Argopsis 56:113
- Argythamnia 69:418; candicans 69:418; fasciculata 67:337; 69:418; humilis var. **leiosperma** 73:553; mercurialina 65:197
- Arikuryroba ruschiana 65:261; tostana 65:261
- Arinemia 53:232

- Arisaema* 69:173; *atrorubens* 52:131; 53:79, 85; 55:48, 135; 63:295; f. *atrorubens* 55:226; f. *viride* 53:79; f. *zebrinum* 53:79; 55:226; 66:312; *dracontium* 53:79, 87; 62:200; 66:312; *pusillum* 63:20; *stewardsonii* 52:131, 293; 53:79, 85; 69:31; 71:168; 72:513; *triphyllum* 53:41, 79, 87; 71:563; f. *pusillum* 53:79, 87
- Arisarum vulgare* 62:252, 256
- Aristida* 56:257; 68:99, 277; 70:30; *adscensionis* 56:179; 68:277; *affinis* 71:31; *arizonica* 56:209; *asplundii* 68:278; *barbata* 56:157; *basiramea* 58:318; 59:32; *capillacea* 68:277; *chaseae* 67:319; *circinalis* 68:277, 279; *complanata* 68:279; *desmantha* 60:42; *divaricata* 51:20; 56:209; *enodis* 68:277-278; *fendleriana* 74:83; *friesii* 68:279; *glauca* 51:20; *implexa* 68:277-278; *intermedia* 56:30; 59:231; 68:440; *inversa* 68:278; *laevis* 68:277, 279; *lanosa* 51:127; 60:206, 208; 73:111, 498; *longespica* 59:231; 69:452; var. *geniculata* 56:30; 68:440; var. *longespica* 56:30; *longiramea* var. *boliviana* 68:279; *longiseta* 74:83; *longispica* 69:452; *mandoniana* 68:277; *mendocina* 68:277-278; *necopina* 56:30; 68:440; *oligantha* 51:127; 58:318; 70:30; *pallens* 70:30; *patula* 57:278, 283; *pflanzii* 68:278; *purpurascens* 57:283; 59:231; 71:31; *purpurea* 52:19; *riparia* 68:277-278; *spiciformis* 51:126; spp. 53:128; *stricta* 51:137; 60:291; 66:378; 71:31; 73:498; *ternipes* 66:11; *tuberculosa* 61:268; 75:371
- Aristolochia* 69:402; 70:324; *bilabiata* 67:328; *clematitis* 60:298, 305; *cordiflora* 67:328; *durior* 60:298, 305; *elegans* 67:328; 69:402; *galeata* 67:328; *grandiflora* 67:328; *littoralis* 67:328; 69:402; *nashii* 63:20; *oblongata* 67:328; *odoratissima* 67:328; *ringens* 67:328; *serpentaria* 60:298, 303; *trilobata* 69:402
- Aristolochiaceae* 52:294; 55:145; 60:298; 67:328; 69:402
- Armeria* 51:367; *labradorica* 67:381; *maritima* 54:141; var. *interior* 70:205-206, 209, 211
- Armillaria decorosa* 71:177-178; *viscidipes* 71:178, 179 (pl. 1406), 180
- Armoracia aquatica* 63:48, 53; 64:324; *lapathifolia* 63:48, 54; 72:518; *rusticana* 64:324
- Arnica* 52:281, 283-284, 286-287; 55:55; subgen. *Andropurpurea* 52:282; subgen. *Arctica* 52:281; *alpina* 52:281-282; subsp. *attenuata* 53:159; var. *lessingii* 52:282-283; *amplexicaulis* 52:284; *angustifolia* β *lessingii* 52:282-283; *attenuata* 55:56; *brevifolia* 52:283; *chionopappa* 52:287; 53:8; 54:201, 222; 55:52-53, 80, 200, pl. 1190; 68:412 (fig. 6, map), 417-418; 70:184; *cordifolia* subsp. *whitneyi* 52:287; *frigida* 52:283; var. *glandulosa* 55:56; *fulgens* 55:56; *illiamnae* 52:283; *lanceolata* 52:284-286; *lessingii* 52:281-283; 55:56-57; *lonchophylla* 54:200-201; subsp. *arnoglossa* 52:287; subsp. *chionopappa* 52:287; *louiseana* 52:281; 55:247; *frigida* 52:282; subsp. *frigida* 52:281-283; 55:252; 65:222; *mendenhallii* 52:283; *mollis* 52:284-286, 288; 53:8; var. *petiolaris* 52:285; *montana* 52:287-288; β *angustifolia* 52:283; *nutans* 52:283; *obtusifolia* 52:283; var. *acuta* 52:283; *parryi* 52:285; *plantaginea* 55:57; *porsildiorum* 52:281, 283; 55:56; *sancti-laurentii* 52:282-283; *sornborgeri* 55:56; var. *ungavensis* 55:56; *unalaschcensis* 52:282; *whitneyi* 52:287; *wilsonii* 54:200-202
- Aronia arbutifolia* 73:492; *floribunda* 67:376; *melanocarpa* 55:165; 75:390
- Arrhenatherum elatius* 51:8; 56:245; 59:234; 63:132; 73:105; f. *biaristatum* 60:65; var. *bulbosum* 56:180
- Artemisia* 75:511; sect. *Tridentatae* 61:82; 67:405; 70:286; *absinthium* 59:289; *albula* 60:127; *aleutica* 65:222; *annua* 74:388; *arbuscula* 61:83-84; subsp. *thermopola* 61:83; 70:286; *arctica* 55:252; 65:222; 74:110-111; *argilosa* 61:84; *bigelovii* 61:82; *borealis* 65:222; 74:110; *campestris* subsp. *borealis* 70:206, 209, 211; *camporum* 55:199; *cana* 61:84; 63:41; subsp. *bolanderi* 61:84; subsp. *cana* 61:84; subsp. *viscidula* 61:83-84; var. *viscidula* 61:84; *canadensis* 55:199; *caudata* 55:199; 58:323-324; 71:19, 27; var. *calvens* 55:199; *cernua* 57:291; 70:30; *dracunculoides* 60:116; 64:354; 70:30; *dracunculus* 70:30; *filifolia* 51:24-25; 52:19; *frigida* 53:159; 56:212; 59:289; 74:110; *globularia* 71:508; *longifolia* 55:236; *longiloba* 61:84; *ludoviciana* 75:409; var. *brittonii* 51:8; var. *latifolia* 54:129; *norvegica* 55:219; 74:111; subsp. *saxatilis* 65:222; *nova* 61:82; 67:405; *nutans* 57:291; 70:30; *pacifica* 55:199; *parishii* 61:83; *parryi* 60:266; *petrophila* 61:82; *pygmaea* 61:82; *richardsoniana* 65:222; *rigida* 61:82; *rothrockii* 61:84; *saxicola* 74:102,

- 110; *senjavenensis* 72:488; *spiciformis* 61:83; *longiloba* 61:84; *stelleriana* 70:223; 71:27, 540; 75:56, 511; *tridentata* 61:83; 67:405-406; subsp. *tridentata* 61:83; 67:405-406; f. *parishii* 61:83; subsp. *vaseyana* 61:83; 67:405-406; f. *spiciformis* 61:83; subsp. *wyomingensis* 67:405-406; *trifida* 61:82; *trifurcata* 65:222; *tripartita* 61:82, 84; subsp. *rupicola* 61:82; subsp. *tripartita* 61:82-83; var. *hawkinsii* 70:286; *viscidula* 61:84; *vulgaris* 60:25; 72:527
- Arthraxon ciliaris* 73:39, 42; subsp. *langsдорffii* var. *cryptatherus* 73:39, 41; *cryptatherus* 73:41; *hispidus* 56:181; 73:39-42, 44; var. *cryptatherus* 56:181; 73:39-42; var. *hispidus* 73:39, 42
- Arthrocladia villosa* 75:564
- Arthrodesmus* 63:279; 64:57; *bulnheimii* 71:461; *convergens* 63:279; *incus* var. *extensus* 63:279; 71:461; *octocornis* 63:279; *rolfsii* 71:461; *triangularis* 63:279; var. *subtriangularis* 71:462
- Arthrospira brevis* 75:284
- Arthrostylidium* 68:100, 108; *racemiflorum* 68:108
- Artocarpus* 52:7; 69:401; *altilis* 69:401; *communis* 69:401; *heterophylla* 67:328; *incisa* 69:401; *integer* 52:7; *integrifolia* 52:7; 67:328
- Arum hygrophyllum* 62:252, 256; *italicum* 62:252, 256; *sagittaeifolium* 74:516; *virginicum* 74:516-517
- Aruncus dioicus* 69:307, 318
- Arundinaria* 68:100, 109; *gigantea* 54:82-83; 55:60; 65:134, 135 (pl. 1884); 71:31; *herzogiana* 68:109; *japonica* 65:134; *nipponica* 65:134; *tecta* 54:83; 56:181; 65:134, 135 (pl. 1884), 136; 66:381
- Arundinella* 68:100, 291; *berteroniana* 68:291; *confinis* 68:291
- Arundo* 68:99, 231; *donax* 68:231
- Asarum canadense* 52:294; 53:14; 55:145, 295; 57:131; 60:298, 303; 63:295; 66:312; 71:172; 72:492; var. *acuminatum* 55:145; 60:298, 303; var. *reflexum* 60:298, 303; *virginicum* 58:40; 63:206
- Asclepiadaceae* 52:296; 62:237; 63:211; 66:13; 67:346; 69:435; 70:415, 427; 71:33; 75:420
- Asclepias* 69:435; 72:54; 75:160; *aceratoides* 75:399; *amplexicaulis* 57:336-337; *cinerea* 71:33; *curassavica* 69:435; *exaltata* 57:265; *fragrans* 57:95; *hirtella* 75:398; *incarnata* 57:336; 59:7; 72:29; 73:260; f. *albiflora* 54:210; var. *incarnata* f. *albiflora* 74:385; var. *neoscotica* 55:19; var. *pulchra* 55:19; 72:524; var. *typica* 55:19; *involuta* 56:209, 211; *lanceolata* 71:33; *lanuginosa* 63:44; *longicornu* 52:36; *longifolia* 71:33; *macrotis* 51:59; 52:170, 174; 56:208-209; *michauxii* 71:33; *obovata* 52:170; *pedicellata* 54:176; *quadrifolia* 75:160; *stenophylla* 66:379; *sullivantii* 63:44; *syriaca* 52:296; 58:197; 60:64, 68; var. *kansana* 58:197-198; *tomentosa* 75:399; *tuberosa* 61:72-73, 75; 73:496; subsp. *rolfsii* 61:73-75; subsp. *tuberosa* 61:73-75; *uncialis* 56:212; *variegata* 51:21; *verticillata* 57:282, 287; 60:206; 73:496; 75:135; *viridiflora* var. *linearis* 52:171
- Ascocyclus distromaticus* 71:125; *orbicularis* 75:269
- Ascolepis* 67:99; *brasiliensis* 67:99
- Ascomycetes* 64:133; 65:300; 68:185; 71:193
- Ascophyllum* 75:539, 568; *mackaii* 74:286; *nodosum* 66:220, 230; 71:115, 117-118, 123, 125, 129, 133-134, 138; 72:116, 227, 319-320, 324, 336; 73:282, 285; 74:268, 295, 297, 411, 416, 418, 425, 481, 483; 75:58, 271; ead. *mackaii* 74:130; f. *scorpioides* 71:154; 73:282; 74:411, 416, 418, 482, 483 (fig. 1); 75:271
- Ascyrum* 59:73; 63:10; *amplexicaule* 59:93; *calicinium* 59:94; *coriaceum* 59:94; *cruciatum* 59:94; *crux-andreae* 59:79, 94; *angustifolium* 59:81; *cubense* 59:93; *cuneifolium* 59:88, 90; *edisonianum* 59:77, 78 (map 1), 91-92; 63:15; *flicaule* 59:75; *glandulosum* 59:94; *grandiflorum* 59:88; *helianthemifolium* 59:87; *humifusum* 59:94; *hypericoides* 59:74, 77, 79-83, 88; 63:15; 64:237; 66:379; 67:341; 70:225; var. *hypericoides* 59:80-81, 82 (map 3), 83-85, 86 (figs. 1-25), 87; 74:145; var. *multicaule* 59:80-81, 87, 89 (map 5); 73:553; 74:145; var. *oblongifolium* 54:128; 59:82; 60:206; var. *typicum* 59:82; *involutum* 59:94; *linifolium* 59:81; *macrosepalum* 59:82; *microsepalum* 63:14-15; *monogynum* 59:94; *montanum* 59:81; *multicaule* 59:87; 63:13, 15; 64:236; 73:553; *oblongifolium* 59:81; *pauciflorum* 59:77; *plumieri* 59:82; *pumilum* 59:77, 78 (map 1); 63:12-13, 15; 66:379; *sibiricum* 59:94; *simplex* 59:94; *spathulatum* 59:87; 63:15; *stans* 59:77, 88 (map 4), 90-93; 63:13, 15; *tetragonum* 59:94;

- tetrapetalum 59:77, 78 (map 2), 81, 93; 63:13, 15; villosum 59:94
- Asemeia cumulicola* 57:286; *grandiflora* var. *leiodes* 57:286
- Asimina angustifolia* 73:492; *incana* 73:492; *triloba* 51:155; 59:257; 66:312
- Asparagopsis* 75:573-574, 588, 611; *hamifera* 66:225, 230; 71:132, 527; 72:208; 75:273-274
- Asparagus officinalis* 53:80, 88; 60:65; 73:104
- Aspergillus* spp. 73:306-308
- Asperococcus echinatus* 71:126; 72:116; 74:267; 75:270
- Aspidiaceae 63:211
- Aspidium coarctatum* 69:5; *consanguineum* 61:306; *fragile* 54:48; *funestum* 63:34; *goldianum* 70:457-458; *invisum* 63:34; *lasiesthes* 69:7; *limbatum* 61:306; *pilosulum* 69:7-8
- Aspilia* 70:241; 75:173
- Asplenium* 70:2, 346; 75:2; *bradleyi* 56:227; 57:235, 237, 319; 59:127; 63:20; *callipteris* 68:466; *cryptolepis* 57:237; 60:244; *ebenoides* 57:235, 237; \times *ebenoides* 57:238; \times *gravesii* 57:238; *limbatum* 68:467; *marginatum* 68:467; *monanthes* 57:235; *montanum* 57:237; 63:46; 65:78; *pinatifidum* 57:235, 237, 240; *platyneuron* 57:237; 70:452; *rutaceum* 69:376; *rutamuraria* 57:229 (fig. 33), 237, 239; var. *cryptolepis* 57:225; 62:231; var. *rutamuraria* 62:231; *trichomanes* 54:167; 55:53, 82, 99; 57:235, 237; 64:209; 68:413 (fig. 7, map), 415, 417; 70:186, 346; 75:167; *trudelli* 57:237; \times *trudelli* 57:240; *viride* 53:265; 57:237; 68:410, 411 (fig. 1, map), 416; 70:182; 73:105
- Asplundia ponderosa* 65:1, 2 (fig. 1); *rhodea* 65:3 (pl. 1274), 4 (pl. 1275)
- Asprella hystrix* 51:109; 69:135
- Astephanus leptophyllus* 62:238; *schlechterianus* 62:237
- Aster* 51:83, 99; 53:53; 70:221, 443-444; 71:514; 72:39, 251-252, 565; 75:1-2, 4 (fig. 1), 10 (fig. 5), 26, 30, 32, 498, 513; sect. *Aster* 64:253; sect. *Oxytripolium* 64:253; ser. *Heterophylli* 75:1, 3; subgen. *Euastrum* 51:121; *acuminatus* 51:101-102; 55:295; 65:95; 66:414; 67:377; 72:263, 401-402, 403 (fig. 2), 405, 407-412, 413 (fig. 4), 414, 418-419, 420 (fig. 5), 421, 422 (fig. 6), 423 (fig. 7), 424 (fig. 8, map), 425-426, 430 (fig. 12), 431-432, 437, 526; 75:1-4, 6 (fig. 2), 7 (fig. 3), 8 (fig. 4), 9, 11-12, 15, 17 (fig. 10), 18-19, 21-22, 27, 30, 321; f. *discoideus* 65:95; 72:419; f. *subverticillatus* 51:101; f. *virescens* 65:95; 72:419; var. *magdalenensis* 51:101-102; \times *nemoralis* 72:401-438; *adscendens* 74:104; *aestivus* 51:92; *amellus* 51:121; *anomalus* f. *albidus* 51:119; *azureus* 51:94-95; 55:324; 57:317; f. *laevicaulis* 51:94; 57:316; *scabrior* 51:94; var. *poaceus* 51:95; *bimater* 64:252, 263; *blakei* 51:101; 66:414, 416; 72:401, 407, 419, 421, 431, 437; \times *blakei* 72:401, 404 (fig. 3), 405-407, 411-412, 413 (fig. 4), 414, 418, 420 (fig. 5), 421, 422 (fig. 6), 424 (fig. 8, map), 425-426, 428 (fig. 10), 429 (fig. 11), 430-432, 526; 75:1-4, 6 (fig. 2), 8 (fig. 4), 9, 11, 13 (fig. 7), 14 (fig. 8), 15-17, 19, 20 (fig. 12), 21-22, 321; *bracei* 72:41; 73:49; *brachyactis* 71:219; 72:392; *caerulescens* 51:91-92; var. *angustior* 51:96; var. *subasper* 51:96; *chapmanii* 75:405; *chasei* 63:20; *chilensis* 74:104; *ciliolatus* 51:97; 55:45, 196; 72:260, 263; 73:106; 74:394; 75:27, 30; f. *comatus* 51:95; *concinus* 75:26-27, 30; *concolor* var. *concolor* 72:40; var. *simulatus* 72:39; *cordifolius* 51:112; 53:5; 54:303; 55:295; 60:70, 72; 72:260, 262-263; 75:27, 30; var. *cordifolius* 72:526; var. *moratus* 57:317; var. *polycephalus* 57:318; *crenifolius* 51:96-99, (pl. 1147); 53:17; *diffusus* 51:90; *divaricatus* 67:231; 72:350; *douglasii* 51:97; *dumosus* 71:33; 72:79; 75:166; var. *coridifolius* 72:42; var. *gracilipes* 72:41; var. *strictior* 57:318; var. *subulifolius* 69:452; 72:41-42; var. *subulifolius* 69:452; *ericoides* 51:112; 52:297; 55:362; 60:68; 72:406; 74:104; f. *exiguus* 51:96; f. *prostratus* 51:96; *eryngiifolius* 66:381; 75:405; *exiguus* 51:96; *exilis* 51:119; 62:177 (fig. 1), 181; 63:342; 74:104; var. *australis* 64:253, 263; 65:226; *flaginifolius* 54:297; *foliaceus* 51:91, 96-99, (pls. 1148-1150); 64:346; 66:152; 71:523; 72:526; 74:104; var. *arcuans* 51:96; 53:20; 65:95; 75:321; var. *crenifolius* 51:97; 53:17; var. *subgeminatus* 51:96; var. *subpetiolatus* 51:96; 53:17; var. *typicus* 51:98-99; *fontinalis* 72:40; *frondosus* 55:236; *furcatus* 57:268; *gaspensis* 51:99; *gracilis* 75:26-27, 30; *hemisphericus* 52:173; 62:320; *herveyi* 64:113-114; \times *herveyi* 64:113-114, 115 (pl. 1267); *hesperius* 51:92; *hirtifolius* 65:236; 74:104; *hookerianus* 67:235; *infirmus* 60:61; in-

- terior 52:59; johannensis 51:99; 64:346; 71:523; 72:526; 75:321; var. villicaulis 51:99; junciformis 55:196; 71:173; 75:27, 30; × puniceus 55:196; laevis 57:317; 63:331; 72:263; f. beckwithiae 53:160; 59:32; var. geyeri 63:331; var. laevis 63:331; lateriflorus 51:90; 55:196; 60:68; 71:33; 72:526; 74:104; 75:26-27, 30; var. pendulus 60:68; var. tenuipes 72:526; laurentianus var. contiguus 53:3; ledifolius 51:100; β uniflorus 51:100; leucanthemifolius 58:281; lima 64:252; linariifolius 51:100; 54:130; 60:68; 71:33; var. victorinii 51:10; lindleyanus 55:196; var. comatus 51:95; longifolius 51:92, 99; var. villicaulis 51:99; f. pallens 52:59; longulus 55:196; lowrieanus 72:260, 263; 75:28, 30; lucidulus 51:95; macrophyllus 53:5; 55:45-47, 196; 58:310; 64:113-114, 116; 75:28, 30; var. macrophyllus 72:526; var. velutinus 55:196; 72:526; mirabilis 54:181; miser 51:90; missouriensis 51:89-91; var. thyrsoideus 51:90; missouriensis 51:89; multiflorus 51:112; β prostratus 51:96; var. exiguus 51:96; nemoralis 51:100-101; 65:95; 66:414; 72:1, 401, 402 (fig. 1), 405, 407-412, 413 (fig. 4), 414, 418-419, 420 (fig. 5), 421, 422 (fig. 6), 423 (fig. 7), 424 (fig. 8, map), 425-426, 427 (fig. 9), 431-432, 437, 526; 73:261; 75:1-4, 6 (fig. 2), 7 (fig. 3), 8 (fig. 4), 9, 11-12, 15, 16 (fig. 9), 17-19, 20 (fig. 11), 21-22, 321; f. albiflorus 51:99; 71:173; 72:412; var. blakei 72:401, 405, 408; var. major 72:405-406, 408; × acuminatus 75:11, 12 (fig. 6), 13 (fig. 7), 14 (fig. 8), 15, 21; novae-angliae 54:254; 60:61, 66; 72:406; novi-belgii 51:92; 60:70; 65:95; 66:62; 71:523; 75:56; var. novi-belgii 72:526; oblongifolius 73:300; f. roseoligulatus 57:318; var. oblongifolius f. albaligulatus 73:303; occidentalis 74:104; ontarionis 51:90; 55:224; paludosus 71:33; subsp. hemisphericus 62:320; var. hemisphericus 62:320; paniculatus 51:91; pantotrichus 51:89-90; parviceps 72:392; patens 72:40; 75:28, 31; var. floridanus 72:40; pauciflorus 65:226, 230 (fig. 6), 234; pedionomus 52:173; pilosus 60:143; 71:33; 72:392; 75:26, 28, 31; f. pulchellus 51:119; var. demotus 56:251; poaceus 51:95; polycephalus 52:526; praealtus 51:91-92; var. angustior 51:96; var. subasper 51:96; ptarmicoides 55:41, 196; 59:308; pubentior 51:102-103; 55:196; puniceus 51:95, 99, 112, 231; 55:47, 196; 72:281; 74:104; 75:28, 31; f. albiflorus 51:95, 231-232; 71:173; f. candidus 51:95, 232; 59:32; f. demissus 51:95; var. albiflorus 51:95, 231-232; var. compactus 60:70; var. demissus 51:95; var. firmus 51:95, 231-232; f. etiamalbus 51:232; f. lucidulus 51:95; 54:254; var. laevicaulis 51:95; var. lucidulus 51:95, 117; f. albiflorus 51:95, 231-232; × simplex 55:196; radula 53:19; 65:95; var. radula 72:526; var. strictus 72:526; reticulatus 71:33; richardsonii 65:222; sagittifolius 72:263; 74:394; 75:28, 31; salicifolius 51:92; var. subasper 51:96; shortii 55:156, 324; 57:131; 64:333; subsp. azureus 55:324; subsp. shortii 55:324; sibiricus 65:221; 71:506; simmondsii 72:41; simplex 55:196; 72:392; 75:26, 28, 31; var. ramosissimus 72:526; simulatus 72:40; sp. 71:27; spectabilis 64:113-114, 116; 65:29, 31, 405; squamatus 70:232, 237; subasper 51:96; subgeminatus 51:97; subintegerrimus 65:221; subulatus 53:2; 57:288; 64:253; 75:57; var. australis 63:342, 344; var. obtusifolius 53:2; sulznerae 72:41; tardiflorus 52:19; f. vestitus 51:95; var. vestitus 51:95; tenuifolius 72:41; var. aphyllus 72:40-41; var. tenuifolius 72:41; tradescanti 51:90; 73:261; turbinellus 63:146; umbellatus 51:102; 53:20; 64:346; 66:152; 67:373; 71:33, 523; 72:527; 73:261; 75:29, 31, 321; f. intercedens 51:102; 65:95; var. pubens 51:102; 55:196; 65:95; 66:152; undulatus 60:68; 72:260, 262; 75:26, 29, 31; uniflorus 51:100; vimineus 57:318; 60:70; 72:392; var. subdumosus 57:318
- Asteraceae 71:33, 497; 72:38; 74:102; 75:2; trib. Anthemideae 74:110; trib. Astereae 74:104; trib. Eupatorieae 74:103, 273; trib. Helenieae 74:109; trib. Heliantheae 74:108; trib. Senecioneae 74:111, 403; trib. Vernonieae 74:103
- Asterandra grandifolia 67:337
- Asterella 68:470; evansii 68:470, 471 (fig.), 472 (fig.), 473 (fig.); ludwigii 59:26; 60:211, 216-217, 218 (fig. 7, map), 224, 234; macropoda 68:473; saccata 60:211, 230, 231 (fig. 14, map), 233, 249-250; tenella 53:121; 59:26; 60:217; venosa 68:472-473
- Asteridae 70:425
- Asterionella 71:465; formosa 64:54;

- 71:466; var. *gracillima* 71:466; *gracillima* 64:54
- Asterocystis ramosa* 71:130; 74:421, 427-428
- Astilbe japonica* 63:50, 55
- Astomum muehlenbergianum* 62:154
- Astragalus* 51:204; 52:227; 54:158; 59:243; 69:48; 70:492; 72:189; 75:304; sect. *Desperati* subsect. *Naturitensis* 72:189; sect. *Polares* 75:304-305; sect. *Vesicularia* 75:304-305; *alpinus* 61:269; 65:218; var. *alaskanus* 53:158; var. *brunetianus* 53:9, 16; *atlasovi* 75:304-305; *austrinus* 52:169; *canadensis* 69:49-50; var. *carolinianus* 69:49; *carnosus* 58:281, 287-289; 70:29; *carolinianus* 69:49-50; *caryocarpus* 57:293; 70:29; *ceramicus* 74:83; *chandonnettii* 59:8; *cottamii* 72:189, 190 (fig. 1), 191 (fig. 2); *crassicarpus* 57:291, 293; 58:281, 287; 70:29; *elegans* 53:50; *eucosmus* 53:9; *frigidus* var. *gaspensis* 53:13, 16; *glaber* 69:48-49; *gracilis* 57:291; 70:30; *hallii* 56:210; *hamiltoni* 54:159; *humistratus* 52:169; *jesupi* 61:269; *lindheimeri* 52:169; *lonchocarpus* 54:160; 74:83; *lotiflorus* 56:211; 74:392; *macer* 54:160; *melanocarpus* 70:30; *michauxii* 69:48-49; *missouriensis* 70:30; *molliissimus* 62:116; f. *flavus* 62:116; *monumentalis* 72:189, 191, 192 (fig. 3), 192, 193 (fig. 4); *multijugus* 69:48-50; *obcordatus* 69:49; *physodes* 70:29; *polaris* 65:219; 75:304; *purshii* 74:391; *robbinsii* 57:302; var. *robbinsii* 57:308; *spectabilis* 54:160-161; *striatus* 59:8; f. *chandonnettii* 59:8; *tenellus* 70:30, 43; *tennesseensis* 69:384; 75:135-136, 138; *thompsoniae* 63:180; *umbellatus* 65:219; *villosus* 69:49
- Astranthium guatemalense* 63:122, 126; *integrifolium* 59:40; 63:122; 65:234; *mexicanum* 63:122, 126; 65:226-227, 235; *orthopodium* 65:227, 230 (fig. 7), 234; *purpurascens* 63:126; 65:227; sp. 63:123 (fig. 4), 127; *xanthocomoides* 63:122, 123 (fig. 4), 126; 65:227, 230 (fig. 8), 235; *xylopodium* 65:227, 230 (fig. 9), 234
- Astyposanthes* 65:245
- Asyneuma prenanthoides* 65:330
- Asystasia* 69:443; *gangetica* 67:352; 69:443
- Atamosco carinata* 67:324; *rosea* 67:324; *tubispatha* 67:324
- Ateleia* 70:499, 506-507; *albolutescens* 70:508, 509 (fig. 2, map), 513; *arsenii* 70:507-508, 509 (fig. 2, map); *cubensis* 70:514; *gummifera* 70:507-508, 509 (fig. 2, map), 514; var. *cubensis* 70:514; *insularis* 70:508, 509 (fig. 2, map), 510; *multijuga* 70:514; *parvifolia* 70:514; *ptero-carpa* 70:508, 509 (fig. 2, map), 511-514; *standleyana* 70:508, 509 (fig. 2, map), 510-511; *tomentosa* 70:507, 509 (fig. 2, map), 513; *truncata* 70:507, 509 (fig. 2, map), 510; *tumida* 70:514
- Athalamia hyalina* 60:211, 230, 232 (fig. 15, map), 234, 247, 249-250
- Athamanta chinensis* 52:175
- Athanasia hastata* 75:184, 188
- Athenaea* 69:83; *cernua* 69:99
- Athrostylidium racemiflorum* 68:108
- Athyrium* 51:7; *angustum* 55:99; 57:234; f. *typicum* 55:99; var. *elatus* 55:99; var. *rubellum* 55:46; *fili-femina* 57:234, 239; 58:40; 68:127; 73:105; var. *michauxii* 55:99; 57:225, 229 (fig. 26), 234, 236; 60:69; 65:87; 72:508; f. *elatus* 60:69; 72:508; f. *laurentianum* 60:69; 65:87; f. *rubellum* 55:99; 72:508; 75:314; *pycnocarpon* 52:42; 54:166; 57:225, 229 (fig. 28), 234, 237, 239; 73:463-464; *thelypteridoides* 69:452; *thelypteroides* 51:109; 52:42; 57:225, 229 (fig. 27), 234, 237, 239; 69:452; 73:462; f. *acrostichoides* 60:69
- Athyrocarpus persicariaefolius* 67:323
- Atractylis flava* 55:308
- Atrichum angustatum* 53:127; 62:168; *crispum* 62:169; *macmilani* 53:127; *undulatum* 53:122; 58:248; 59:254; 62:169; *xanthopelma* 53:122, 127
- Atriplex* 54:127; 69:402; 71:580; *arenaria* 57:281, 285; 60:300, 304; 71:20, 24, 580; *argentea* 59:289; 71:580; 72:285; *canescens* 51:20; *glabriuscula* 59:6; 60:300, 304; 63:42; 64:345; 65:91; 66:146, 154; 71:520; 72:516; 74:390; 75:317; *hastata* 51:11; 74:391; *heterosperma* 73:548; 74:390; *hortensis* 60:300, 305; 71:580; 73:548; *inflata* 73:548, 550; *littoralis* 69:373; *maritima* 53:3; *oblongifolia* 73:548; *patula* 60:300, 304; 71:580; 75:53; var. *hastata* 60:300, 304; 63:288; 65:91; 70:443, 448-449, 451; 71:34, 520; 72:516; 73:548, 549 (fig. 1), 550-551, 553; 75:56, 106-108, 109 (fig. 1), 110 (fig. 2), 317; var. *littoralis* 60:300, 304; 72:516; var. *patula* 64:345; 65:91; 66:146; 72:516; *pentandra* 69:373, 402; *rosea* 60:300, 305; 71:580; *sabulosa* 53:3; *semibaccata* 73:548; *sibirica* 71:580; *subspicata* 74:

- 391; *truncata* 55:236; *vesicaria* 73:550
Atropis 54:43
Atroxina liberica 64:104
Audouinella 75:78, 96-97, 529-532, 535, 540, 565, 575, 587-588, 590, 593; *alariae* 75:534, 541, 543-545, 550, 596 (figs. 1-6), 597 (figs. 7-9), 608-609; *australis* 75:564-565; *catenulatum* 74:85, 92, 96; *crassipes* 74:85-86, 96; *dasyae* 75:534, 545, 547-550, 598 (figs. 10-19), 599 (figs. 20-31), 607; *daviesii* 75:79, 81-82, 533, 550, 553-556, 563, 582, 585, 591-592, 594, 600 (figs. 32-43), 607; *efflorescens* 75:557, 584-585, 608; *hollandica* 75:79-80, 82, 83 (figs. 1-4), 85, 97; *hermanni* 75:535; *membranacea* 72:117, 200, 205, 231-232, 236, 322, 333; 74:421; 75:566, 608; *microfilum* 74:85, 89, 92, 96; *microscopica* 74:85-86, 87 (figs. 1-14), 88-93, 96; 75:79-80, 86, 88, 534, 557, 559, 565, 583, 601 (figs. 46-51), 607-608; *purpurea* 75:530, 534, 536, 539-541, 547, 568, 587, 601 (figs. 52-55), 608; *saviana* 75:534, 560, 562, 584, 591-592, 602 (figs. 56-60), 607, 610; *secundata* 75:575; sp. 63:281; 75:564; *spetsbergense* 75:585, 587, 603 (figs. 61-63), 608; *thuretii* 75:79, 81, 88-89, 560, 594-595, 610; *unifila* 75: 534, 563-565, 601 (figs. 44-45), 608
Audouinellaceae 75:531
Audouinella 75:535
Aulacomniaceae 53:124; 62:147, 158
Aulacomnium *androgynum* 62:158; *heterostichum* 53:124; 62:158; *palustre* 53:124; 58:248, 323; 62:158; 70:207; sp. 70:212; *turgidum* 54:141
Auliza ciliaris 67:326; *wilsoni* 59:248
Aulomyrcia 69:430; *citrifolia* 67:342; 69:430; *leptoclada* 67:342
Aulosira implexa 58:118
Aureolaria subgen. *Panctenis* 51:84; *flava* 64:91; var. *macrantha* 51:84; *grandiflora* var. *pulchra* 51:84; *pectinata* 64:91; *pedicularia* 64:333; var. *austromontana* 51:85; var. *intercedens* 51:85
Aurinia petraea 70:299; *saxatilis* 70:299
Avena 68:103, 244; *barbata* 68:244; *fatua* 55:122; 63:132; 68:244; 71:168; *mollis* 68:449; *sativa* 71:168; 72:510
Avicennia 69:60, 438; 75:105; *germinans* 67:350; 69:438; 75:102-105; *nitida* 57:276, 279, 288; 67:350; 69:438
Axonopus 68:105, 298; *affinis* 66:380; 68:300; *andinus* 68:299, 303; *aureus* 68:305; *barbigerus* 68:299, 302; *capillaris* 68:299, 304; *chrysites* 68:299, 305; *chrysoblepharis* 68:299, 304; *compressus* 68:299, 301; var. *macropodius* 68:299, 301; *elegantulus* 68:299, 303; *eminens* var. *bolivianus* 68:299, 302; *exasperatus* 68:299, 304; *fissifolius* 68:299, 301; *herzogii* 68:299, 304; *hirsutus* 68:299-300; *iridifolius* 68:299, 303; *marginatus* 68:299-300; *pilosus* 68:298, 302; *purpusii* 68:299-300; *scoparius* 68:299, 303; *siccus* 68:299, 302
Axyris amaranthoides 60:300, 305
Ayenia 69:425; *insularis* 67:340; 69:425; *pusilla* 67:340; 69:425
Azadirachta 69:417; *indica* 69:391, 417
Azalea austrina 75:396; *procumbens* 54:53
Azorella selago 75:241
Babingtonia 67:167; *pestifera* 67:167
Baccharidastrum 70:232-233; 72:95; *notobellidiastrum* 70:230 (fig. 16), 232, 237; *rivulare* 72:97; *triplinerium* 72:97
Baccharis 62:44; 70:232; 72:95, 534; 75:149; *angustifolia* 57:288; *brevifolia* 72:98; *burchellii* 72:98; *dioica* 57:281, 288; *dracunculifolia* 72:98; *elaeaginoides* 72:98; *genistelloides* 70:237; *glomeruliflora* 57:277, 288; *glutinosa* 63:342; 64:263; 65:227; *halimifolia* 54:130; 57:278-279, 281, 288; 66:159; 71:27; *helichrysoides* 70:230 (fig. 17), 237; *hieracifolia* 74:498; *hieraciifolia* 74:498; *ligustrina* 72:98; *melastomifolia* 62:124 (fig. 2), 125; *mesoneura* 72:98; *oxydonta* 70:230 (fig. 18), 237; *potosina* 74:499; *serraefolia* 64:263; sp. 72:98; *sulcata* 74:499; *tarchonanthes* 72:98; *thesioides* 74:499; *trinervis* 62:125; *wrightii* 51:20, 28
Bacidia 56:113, 119; sect. *Eubacidia* 56:119, 121; sect. *Thamnopsis* 56:112-113, 125; sect. *Weitenwebera* 56:124; *acerina* 56:109; *beckhausii* 56:109; *buchanani* 56:110, 121, 122 (fig. 5), 123, 152; *exaltata* 56:110; *fibrosa* 56:128, 152; *gomphillacea* 56:110, 124 (fig. 6), 152; *kuopioensis* 56:110; *laseroni* 56:128-129; *marginalis* 56:110; *obscurata* f. *substipitata* 56:110; *ophiospora* 56:110; *pedicellata* 56:121; *robinsonii* 56:109, 119, 120 (fig. 4), 152; *stipata* 56:126, 127 (fig. 7), 129, 152; *trichophora* 56:121; *vestita* 56:121
Bacillariophyceae 71:466; 74:411; 75:54, 59

- Bacopa** 64:147; 69:442; *acuminata* 73:303; *innominata* 67:351; *monieroides* 73:159; *monnieri* 57:278, 288, (pl. 1217); 64:153, 159 (fig. 39); 67:351; 69:442; *repens* 67:351; *stricta* 67:351
- Bactris acanthophylla** 67:322; **burretii** 65:259; **dakamana** 65:259; **essequi-boensis** 65:259; **gleasonii** 65:259; **microcarpa** 65:259; **schultesii** 65:259; **stahelii** 65:259; **trinitensis** 65:259
- Badiera penaea** 67:336; **portoricensis** 67:336
- Baeomyces** 56:113; *insignis* 56:108; *placophyllus* 56:106; *roseus* 56:106, 108; 60:76; *rufus* 56:106; *soboensis* 56:108
- Baeria** 66:67; *palmeri* 66:309
- Bahia** 66:67, 177, 180 (fig. 40, map), 281; ser. *Alternifoliae* 66:183 (fig. 41), 186-187; ser. *Oppositifoliae* 66:183 (fig. 41), 186; *absinthifolia* 63:128, 66:70, 74, 76 (fig. 18), 77, 80, 83 (figs. 20-29), 84 (figs. 30-38), 181-182, 185, 292-293, 295; var. *absinthifolia* 66:70, 71 (figs. 1-2), 75, 78, 79 (fig. 19), 80-82, 83 (figs. 20-29), 84 (figs. 30-32), 85 (fig. 39, map), 183, 187, 292-293, 294 (fig. 59, map), 295 (fig. 60), 296; var. *dealbata* 66:69-70, 71 (figs. 3-5), 73, 75, 78, 79 (fig. 19), 80-82, 83 (figs. 20-29), 84 (figs. 32-38), 85 (fig. 39, map), 183, 187, 293, 294 (fig. 59, map), 296, 298, 299 (fig. 61); *achillaeoides* 66:307; *alternifolia* 66:307; *ambigua* 66:307; *ambrosioides* 66:68, 179, 183-184, 186, 188, 208, 210 (fig. 50, map), 211 (fig. 51); *angustifolia* 66:307; *anthemoides* 66:307; *arachnoidea* 66:308; *aristata* 66:284; *artemisiaefolia* 66:308; *autumnalis* 66:72 (fig. 11), 73-74, 76 (fig. 18), 77-78, 79 (fig. 19), 80, 181, 183, 186, 189 (fig. 42, map), 199, 201, 202 (fig. 47); *bigelovii* 66:70, 71 (fig. 6), 74-75, 76 (fig. 18), 77-78, 79 (fig. 19), 80, 181, 183, 186, 213, 214 (fig. 52, map), 215 (fig. 53); *biternata* 66:183, 186, 190, 193 (fig. 44, map), 201, 204, 205 (fig. 48), 206; *chrysanthemoides* 66:190; *confertiflora* 66:308; var. *trifida* 66:308; *cuneata* 66:308; *dealbata* 66:293, 298; *depauperata* 66:308; *depressa* 66:308; *desertorum* 66:308; *dissecta* 66:72 (fig. 12), 73-75, 76 (fig. 18), 77-78, 79 (fig. 19), 80, 179, 181, 183, 186, 190, 193 (fig. 44, map), 194 (fig. 45), 195 (fig. 46), 196; var. *anisopappa* 66:192, 195 (fig. 46), 196; var. *dissecta* 66:190; *ehrenbergii* 66:301, 305; *gilliesii* 66:308; *glandulosa* 66:72 (fig. 13), 73-75, 76 (fig. 18), 183, 186-188, 189 (fig. 42, map), 190, 191 (fig. 43), 204; *gracilis* 66:308; *integrifolia* 66:308; *lanata* 66:308; var. *achillaeoides* 66:308; var. *brachypoda* 66:308; var. *grandiflora* 66:308; var. *tenuifolia* 66:308; *latifolia* 66:308; *leucophylla* 66:308; *multiflora* 66:309; *neomexicana* 66:177, 309; *nepetaefolia* 66:309; *nudicaulis* 66:309; *oblongifolia* 66:309; *oppositifolia* 52:39; 66:68, 181, 183, 187, 214 (fig. 52, map), 285, 287, 288 (fig. 57), 291-292; *ourolepis* 66:309; *palmeri* 66:309; *parviflora* 66:309; *pedata* 66:72 (fig. 14), 73-75, 76 (fig. 18), 77, 79 (fig. 19), 80, 183, 186, 188, 189 (fig. 42, map), 190, 201, 204, 206, 207 (fig. 49); *pringlei* 66:70, 71 (fig. 7), 73-75, 76 (fig. 18), 182-183, 282 (fig. 54, map), 302-303, 305, 306 (fig. 63); *resinosa* 66:309; *rubella* 66:309; *schaffneri* 66:69, 72 (figs. 9-10), 73-75, 76 (fig. 18), 77, 79 (fig. 19), 80, 181, 281-282; var. *aristata* 66:183, 187, 282 (fig. 54, map), 283-284, 286 (fig. 56); var. *schaffneri* 66:183, 186, 281, 282 (fig. 54, map), 283-284; *schkuhrioides* 66:309; *sinuata* 66:309; *staechadifolia* 66:309; var. *californica* 66:309; *tenuifolia* 66:308-309; *trifida* 66:309; *trolliifolia* 66:309; *wallacei* 66:309; *woodhousei* 52:39; 66:179, 181-183, 187, 214 (fig. 52, map), 287, 290, 291 (fig. 58), 292; *xylopoda* 63:123 (fig. 18), 128; 66:70, 71 (fig. 8), 73-75, 76 (fig. 18), 182-183, 282 (fig. 54, map), 301-303, 304 (fig. 62), 305, 307
- Baileya pleniradiata** 63:128
- Bainvillea** 75:173
- Balanophoraceae** 61:79; 65:9
- Balbiana** 75:535
- Balboa** 51:234; *diversifolia* 51:234, 381
- Balduina** 59:129
- Baldwinia atropurpurea** 66:381; *uniflora* 66:381; 71:33
- Baldwynia cellulosa** 56:256
- Ballota alba** 68:94; *foetida* 68:93; *nigra* 68:93-94; subsp. *foetida* 68:93-94; subsp. *nigra* 68:93; var. *alba* 68:94; var. *foetida* 68:93; var. *nigra* 68:93; var. *ruderalis* 68:93
- Balsaminaceae** 55:173; 75:319
- Bambos vulgaris** 67:320
- Bambusa bambos** 67:320; *nipponica* 65:134
- Bambusina** 64:57
- Bangia ciliaris** 71:131; 72:201-202,

- 236; 74:421; 75:272; *fuscopurpurea* 66:220, 225; 71:154; 72:117, 199-200, 202, 231-232, 236, 323, 333; 74:413, 421; 75:272
- Bangiaceae* 71:131; 72:202; 74:268; 75:272
- Bangiales* 71:131; 72:202; 73:282
- Bangioideae* 72:202
- Bangiophycidae* 71:130; 75:608
- Banisteria* 70:318, 326; *caapi* 70:318, 324, 326; *laurifolia* 67:336; *lucida* 67:335; *purpurea* 67:336; 69:416; 70:505; *wydleriana* 67:336
- Banisteriopsis* 70:318, 323-324, 326-328, 330; 71:538 (fig. 1); *caapi* 65:9-10; 70:318, 319 (fig.), 323-324, 325 (pl.1385), 328, 330; *inebrians* 65:10; 70:323, 328; *lucida* 67:335; *quitense* 70:323; *rusbyana* 65:11; 70:325, 328
- Baptisia* 70:531; 75:2, 17; *australis* 75:159; *leucantha* 73:493; *leucophaea* 70:45; *minor* 57:266; *sphaerocarpa* 55:160
- Barbarea orthoceras* 63:48, 52; *verna* 63:48, 54; *vulgaris* 51:111; 52:294; 55:154; 63:48, 54; var. *arcuata* 51:111; 60:65; 63:48, 54; 72:518; var. *brachycarpa* 63:48, 55; 72:518
- Barbasco* 51:246
- Barbieria* 51:222
- Barbilophozia barbata* 58:248
- Barbosa getuliana* 65:260
- Barbula agraria* 66:15; *convoluta* 62:154; *fallax* 62:170; *unguiculata* 53:123; 62:154
- Barya parasitica* 65:300; var. *caespitosa* 65:300
- Bartonia* 70:31; *albescens* 61:57; *aurea* 61:57; *decapetala* 57:290; 58:21, 282, 285; 70:31; *iodandra* 61:44, 54; var. *sabulonensis* 61:44, 54; *laevicaulis* 61:57; *lanceolata* 61:43, 53; *micrantha* 61:57; *moseri* 61:44, 49; *multiflora* 61:57; *nuda* 61:57; 70:32; *ornata* 57:290, 292; 61:57; *paniculata* 57:315; 60:206, 319; 61:43-49, 51-53; 67:376; 72:15; subsp. *iodandra* 61:46, 51 (map 2), 53-54; subsp. *paniculata* 61:46, 51 (map 2), 53; var. *intermedia* 61:44, 54; 72:524, 530; var. *iodandra* 57:308; 61:44, 54; var. *sabulonensis* 58:247; 61:44, 54; *parviflora* 61:57; *polypetala* 70:32; *polypetala* 70:32; *pumila* 61:57; *sinuata* 61:57; *tenella* 61:43-44, 49; 72:15; β *brachiata* 61:53; *verna* 61:43-47, 49, 55, 56 (map 3); *virginica* 61:43-49, 51 (map 1), 52; 72:524; f. *abortiva* 61:49; *wrightii* 61:57
- Bartramia* 51:123; *longiseta* 53:119; *oederi* β var. *alpina* 52:74; β var. *condensata* 52:74; *pomiformis* 53:124; 62:158; var. *crispa* 62:158
- Bartramiaceae* 53:124; 62:147, 158
- Bartsia alpina* 67:381
- Basella* 69:405; *alba* 67:330; 69:405; *rubra* 67:330; 69:405
- Basellaceae* 67:330; 69:405
- Basycladia* 51:232; *chelonum* 51:232
- Basidiomycetes* 64:126; 65:290; 68:176; 71:177
- Basiphyllaea angustifolia* 58:290
- Bassia hirsuta* 60:300, 305; 70:443-444
- Bastardia* 69:424; *viscosa* 69:424
- Bataceae* 69:404
- Batis* 69:404; *maritima* 57:285; 69:404
- Batocytia unguis* 67:352; 69:442
- Batrachospermaceae* 63:281; 72:207
- Batrachospermum moniliforme* 58:117; sp. 72:207, 230; *vagum* 63:281; 64:54
- Batschia canescens* 70:460; *carolinensis* 64:89; *decumbens* 70:31; *fimbriata* 70:31; *longiflora* 70:31, 460
- Bauhinia* 69:410; sect. *Bauhinia* 70:286; *coulteri* 70:286; f. *albiflora* 70:286; *monandra* 69:410; *purpurea* 69:410; *rufa* 63:18; *tomentosa* 69:410
- Bazzania denudata* 59:253-254; 60:224; *nudicaulis* 59:253; *trilobata* 58:248
- Beadlea cranichoides* 67:325; *elata* 67:325
- Beckmannia erucaeformis* 69:452; *eruciformis* 69:452; *syzigachne* 59:31
- Becquerelia glomerulata* 67:125
- Befaria racemosa* 66:19
- Begonia* 70:413; *decandra* 70:414; spp. 69:428
- Begoniaceae* 70:414
- Behen* 72:146; *noveboracensis* 72:154; *praealtum* 72:154
- Beilschmiedia pendula* 67:330
- Belamcanda chinensis* 53:82, 88
- Bellinia* 75:333
- Bellis perennis* 52:53; 63:45; 72:273
- Bellucia umbellata* 65:18
- Benitoa occidentalis* 66:63; 67:218, 224
- Benthamantha* 51:198-199; *caribaea* 67:333; 69:412; *mollis* var. *micrantha* 51:382
- Benzoin* 51:162; *aestivale* 51:155; var. *pubescens* 51:155; 52:168-169; *melissaefolium* 51:154-155
- Berberidaceae* 52:294; 62:111
- Berberis aquifolium* 73:186; *repens* 73:58; 74:391; *thunbergii* 62:111, 115; 68:523; 72:517; *vulgaris* 52:294; 60:65; 62:111, 115; 68:523
- Berchemia scandens* 59:258; 70:41

- Berlandiera lyrata* 64:265; 65:229, 236; *subacaulis* 57:288; *texana* var. *betonicaefolia* 52:39-40; *tomentosa* 73:496; var. *dealbata* 53:133
Berlesiella 71:195; *echinata* 71:194; *nigerrima* 71:193, 195, 196 (figs. 1-5); *parasitica* 71:194; *setosa* 71:194
Bernardia dichotoma 67:337; *fasciculata* 56:48-49, 55-56
Berteroa incana 51:110; 63:48, 54; *mutabilis* 63:48, 55
Bertholletia excelsa 70:135
Bertia moriformis 65:300; *parasitica* 71:194-195
Beta vulgaris 60:300, 305; 69:402
Betonica alopecurus 71:537
Betula 52:25, 227; sect. *Apterocaryon* 52:27-28; *alba* 58:128; 60:65; *alleganiensis* 72:280-281, 515; 73:306, 462; *borealis* 58:128, 131-132, 247; 67:380; 68:412 (fig. 5, map), 415-416; 73:69; × *caerulea* 58:128; *caerulea-grandis* 52:275; 58:128, 131; 69:452; 72:515; *caeruleigrandis* 69:452; *carpinifolia* 52:25; *cordifolia* 55:45-46, 143-144; *exilis* 65:216; *glandulifera* 70:210, 212; *glandulosa* 52:25-26; 54:222; 58:128, 131-132, 323; 65:216, 312; 67:382; 68:415 (fig. 5, map), 415-416; var. *rotundifolia* 62:276; var. *sibirica* 65:215; × *jackii* 56:131; *lanulosa* 52:25; *lenta* 52:25; 56:129-131; 58:128, 132; 59:256; 60:71; 61:21; 63:65, 67-68; 72:11, 280, 491; 73:248; f. *laciniata* 58:128; var. *uber* 56:129-131; *lutea* 55:48, 143, 173; 56:131; 58:128, 130, 247; 59:257-258; 61:21; 62:92; 63:65, 67-69, 288; 65:23, 90; 67:92, 373; 72:2, 11, 491, 515; var. *macrolepis* 58:128, 131; *michauxii* 52:25-29, 30 (map 1), 31-32, 33 (fig. 1), (pl. 1156); 56:247; 68:414 (fig. 10, map), 416-417; *minor* 58:128, 131-132; 67:382; *nana* 52:25-29, 30 (map 1), 31-32, (pl. 1156); 55:295; 65:216; β *flabellifolia* 52:29; subsp. *exilis* 65:215; 71:508; var. *reducta* 52:31; var. *michauxii* 52:31; *nigra* 52:25, 275; 58:128, 133-134; 65:77; *papyracea* 52:25; var. *minor* 55:295; *papyrifera* 52:25; var. *minor* 55:295; *papyrifera* 52:25; 54:290; 55:41, 45-46, 143-144; 58:52, 128, 130-131; 61:21; 63:65, 68; 64:18; 65:156; 67:402; 69:458; 72:12, 280; 73:306; var. *commutata* 58:128, 131, 247; 63:348; var. *cordifolia* 55:143; 58:128, 130-131; 64:100; 65:84, 90; 66:140, 146; 71:301; 72:515; 75:316; var. *macrostachya* 58:128, 247; var. *papyrifera* 65:90; 72:515; var. *pen-silis* 58:128, 131; × *cordifolia* 55:143; × *populifolia* 58:128; *pendula* 58:128; *populifolia* 52:275, 293; 53:3; 58:128, 132; 59:122; 60:67; 61:122; 63:65; 65:90; 72:515; f. *incisifolia* 58:128; × *papyrifera* var. *papyrifera* 72:515; *pumila* 52:26; 53:14; 54:222; 56:131; 58:128, 133; 61:26; 68:414 (fig. 11, map), 417; var. *glabra* 61:24; var. *glandulifera* 55:44, 83, 144; 63:42; var. *renifolia* 58:247; × *lenta* 56:131; × *rosen-dahlii* 55:143; × *sandbergii* 63:42; *terrae-novae* 52:26-29
 Betulaceae 63:211; 75:316
Bia 69:242, 252
Biancaea sepiaria 67:333
Bidens 69:448; 75:173; *acrifolia* 74:499; *acuta* 74:394; *angustissima* 63:122, 123 (fig. 10); var. *linifolia* 63:124, 127; *anthemoides* 63:123 (fig. 11), 127; *aristosa* var. *mutica* 56:162; *beckii* 55:198; *cernua* 51:112; 55:198; 67:59, 61-62; 71:433; 75:321, 408; var. *minima* 54:228; × *connata* 67:61; *comosa* 71:433; 74:388, 394; *connata* 60:58; 67:59-62; var. *ambiversa* 64:23; var. *anomala* 54:213; 64:23; var. *connata* 64:23; 67:61; var. *fallax* 64:23; var. *gracilipes* 63:145, 289; 64:25-28; 67:59, 62; var. *petiolata* 64:23; var. *pinnata* 64:23, 25-26, 28; 67:59, 62; var. *saint-vincentii* 67:60-61; var. *submutica* 67:61; var. *typica* 64:23; × *cernua* 67:62; *cordifolia* 71:358; *cynapiifolia* 69:448; var. *portoricensis* 67:355; var. *tenuis* 67:355; *frondosa* 60:58, 68; 63:289; 65:95; 71:33, 523; 72:527; 75:321; f. *anomala* 72:527; var. *pallida* 73:261; *gardneri* 72:98; *heterodoxa* var. *monardaefolia* 69:452; var. *monardifolia* 69:452; *hyperborea* 53:15; 54:203; var. *gaspensis* 53:20; var. *laurentiana* 53:15; *nivea* 75:170-171, 184; *pilosa* 57:279, 281; 60:25; 69:448; var. *radiata* 57:288; 60:25, 30; *polyglossa* 74:499; *polylepis* 56:228; *reptans* var. *urbanii* 67:355; *segetum* 70:238; *tenuisecta* 74:84; *tripartita* 75:408; *triplinervia* var. *macrantha* 64:272-273, 275; *urbanii* 67:355; *vulgata* 55:224; 74:394; f. *puberula* 55:198; var. *puberula* 55:47, 198
Bifora americana 63:328, 330
Bifrenaria pickiana 61:35-36, 38, 41
Bigelovia 75:509
Bignonia caryophyllea 67:352

- Bignoniaceae 52:297; 67:352; 69:442;
 73:49
 Bihai bihai 67:324
 Bilimbia gomphillacea 56:124; milli-
 aria 56:125; sphaeroides 56:109
 Billbergia 71:36, 275; subgen. Heli-
 codes 71:275; boliviensis 71:277;
 cardenasii 71:275, 277; decora 71:
 275, 277; meyeri 71:275, 276 (fig.
 3); microlepis 71:275; velascana 71:
 275, 277
 Binuclearia tatrana 63:276
 Bivonea 54:173
 Bixa 69:426; orellana 69:426
 Bixaceae 69:426
 Blainvillea latifolia 72:95; rhomboidea
 72:95, 98
 Blasia pusilla 58:248
 Blechnaceae 71:31
 Blechnum 70:2; divergens 67:358;
 lineatum 67:358; polypodioides 67:
 357; serrulatum 57:283; 73:206;
 spicant 52:246; underwoodianum
 67:358
 Blechnum 69:443; blechnum 67:352; 69:
 443; pyramidatum 67:352; 69:443
 Blepharostoma trichophyllum 58:248
 Blephilia hirsuta 55:188
 Bletia purpurea var. alba 62:236
 Blindia acuta 51:123; 62:153
 Blidingia marginata 74:412; minima
 71:119, 527; 72:318; 73:275; 74:412;
 75:58
 Boberella 60:114; 69:84
 Bocconia frutescens 75:415
 Bocoa sp. 68:430 (fig. 1), 431
 Boeberastrum 64:11
 Boehmeria cylindrica 51:110; 55:224;
 60:13, 206, 295, 297, 302-303; 65:
 366; var. drummondiana 60:297,
 303; drummondiana 60:295; nivea
 75:386
 Boerhaavia 69:403; coccinea 67:329;
 69:403; diffusa 67:329; 69:403;
 erecta 69:403; paniculata 57:285
 Bolbitis aliena 67:358; cladorrhizans
 67:358; nicotianaefolia 67:358; per-
 gamentacea 67:358
 Bolbocoleon piliferum 71:154
 Boltonia asteroides 71:33; diffusa 71:
 33
 Bolusia 51:222
 Bombacaceae 67:340; 69:425; 73:49
 Bonamia 64:147; 72:32; abdita 72:32;
 aquatica 51:35, 37-38; 72:63; humi-
 strata 64:153, 157 (fig. 34); picker-
 ingii 51:42; 56:274; 64:153, 157 (fig.
 35)
 Bonnemaisonia hamifera 72:201, 208,
 236
 Bonnemaisoniaceae 71:132; 72:208;
 75:273
 Bontia 69:444; daphnoides 66:14; 69:
 444
 Boraginaceae 55:187; 63:211; 66:14;
 67:348; 69:395, 437; 72:32; 73:47;
 75:320
 Borodinia baicalensis 62:261
 Borreria 69:444; brachysepala 67:354;
 laevis 69:444; 72:393; var. sintenisii
 67:354; ocimoides 69:444; savan-
 narum 66:14; thymifolia 66:15
 Borrichia 53:207; 69:448; arborescens
 72:546; frutescens 53:206; 55:58;
 57:288, (pl. 1221)
 Borya acuminata 60:327; cassinoides
 60:327-328; ligustrina 60:327; poru-
 losa 60:327-328
 Bostrychia radicans 75:280; f. monili-
 forme 75:280; rivularis 52:226, 230;
 75:280
 Bothriochloa intermedia 60:91, 93, 95;
 ischaemum 60:91, 93-95; pertusa
 60:91, 93; 66:273
 Botrychium subgen. Sceptridium 57:
 223; subgen. Eubotrychium 57:226;
 sect. Lanceolatae 57:227; biterna-
 tum 75:366; dissectum 54:223; 55:
 156; 57:223, 225, 238; 58:274; 63:
 164-165, 167 (pl. 1260), 168-169,
 170 (pl. 1261), 171 (fig. 1), 172-174;
 f. dissectum 57:221 (fig. 5), 224,
 236; 63:165; 72:508; f. obliquum 54:
 223; 56:157; 57:221 (fig. 6), 224-
 225, 236; 63:165; 72:508; f. onei-
 dense 57:223; var. obliquum 52:42;
 70:485; var. oneidense 52:42; var.
 typicum 51:147; 52:42; lanceolatum
 57:221 (fig. 12), 227; 72:2; subsp.
 angustisegmentum 57:224, 239; var.
 angustisegmentum 57:227, 236; lu-
 naria 51:8; 55:94; 57:226, 238; 63:
 40; 74:389; f. onondagense 55:94;
 var. onondagense 57:221 (fig. 7),
 224, 226, 236, 238; lunarioides 75:
 366; matricariaefolium 52:41; 54:
 223; 55:83, 95; 57:221 (fig. 11), 224,
 236, 238; 65:76; 69:452; 72:2, 508;
 var. typicum 52:42; matricariifol-
 ium 69:452; minganense 57:220,
 222, 226, 238; multifidum 53:19;
 55:94; 57:221 (figs. 1-2), 223-225,
 236, 238; 63:164-165, 168, 172; var.
 intermedium 52:41; 55:82, 94; 57:
 131; 72:508; var. oneidense 57:223;
 obliquum 58:274; 63:165; oneidense
 57:220, 221 (figs. 3-4), 222-226, 236,
 238; 63:164-165, 166 (pl. 1259), 168-
 169, 170 (pl. 1261), 171 (fig. 1),
 172-174; onondagense 55:94; pumi-
 cola 57:221 (fig. 10), 224, 227, 236,
 239; simplex 54:223; 55:94; 57:224,
 227, 239; 66:142; f. laxifolium 51:
 103; var. laxifolium 51:103; 55:95;

- var. simplex** 57:221 (fig. 9), 227, 236; **var. tenebrosum** 57:221 (fig. 8), 224, 227, 236, 239; 65:87; 66:142; **ternatum** 57:223; 63:164-165, 168, 172; **var. rufinaeformis** 69:452; **var. rufiniformis** 69:452; **virginianum** 54:64; 55:95; 56:2; 57:221 (fig. 13), 223, 234, 236, 238; 63:295; 72:4; 73:462; **var. europaeum** 55:95; **var. intermedium** 55:95
Botrydium 64:57
Botryococcus braunii 71:451; **protuberans** **var. minor** 71:451-452, 453 (fig. 20)
Botrytis cinerea 73:307-308
Bouchea prismatica **var. brevirostra** 67:350; **var. longirostra** 67:349
Bougainvillea 69:403; **glabra** 69:403; 75:415; **peruviana** 69:403; **spectabilis** 69:403
Bourreria 69:437; **revoluta** 67:348; **succulenta** 69:437; **var. revoluta** 67:348
Boussingaultia baselloides 67:330; **leptostachys** 67:330; 69:405
Bouteloua 68:105, 286; **aristidoides** 56:179; 68:287; **barbata** 52:20; 56:179; **curtipendula** 51:19; 56:31; 57:321; 58:318; 59:127; 62:123; 68:287; 70:32; **eripoda** 51:20; **gracilis** 51:8, 19; 52:19; 55:362; 56:31, 207; **hirsuta** 56:207; 57:278, 283; **megapotamica** 68:287; **rigidiseta** 52:19-20; **simplex** 68:104, 287; **uniflora** 56:30-31
Brachelyma subulatum 53:119, 127; 62:170
Brachiaria 68:107, 298; **erucaeformis** 56:180; **extensa** 51:115; 75:372; **plantaginea** 68:298; **platyphylla** 60:11; 75:372
Brachistus pringlei 69:208
Brachyelytrum erectum 63:132; **var. erectum** 72:511; **var. septentrionale** 72:511
Brachypodium 68:103, 112; **mexicanum** 68:112
Brachyramphus 69:448; **intybaceus** 67:354; 69:448
Brachyris 62:44-45
Brachytheciaceae 62:147, 164
Brachythecium acutum 62:164; **campestre** 62:164; **digastrum** 62:164; **flagellare** 62:164; **flexicaule** 62:164; **novae-angliae** 59:26; **oxycladon** 53:125; 62:164; **plumosum** 62:164; **populeum** 62:164; **reflexum** 62:164; **rivulare** 62:164; **rutabulum** 53:125; 62:164; **var. flavescens** 62:165; **salebrosum** 53:125; 58:248; 62:165; **starkei** 62:165; 72:494; **velutinum** 62:165
Bradburia 62:62
Bradburya plumieri 67:334; **pubescens** 67:334; **virginiana** 67:334; 69:412
Bramia monnieri 67:351; 69:442
Brasenia 71:417, 419-421, 425, 428, 430, 432; **schreberi** 53:268; 55:149; 62:109, 113; 71:417, 421, 426, 427 (fig. 3), 429 (fig. 4), 432; 73:258, 301; 74:137
Brassavola cucullata 67:326
Brassica 54:183; 69:406; **arvensis** 52:128; 55:154; **campestris** 52:294; 62:12, 16, 19; 67:331; **caulorapa** 69:407; **cheiranthos** 63:345-346; **chinesis** 62:19; 69:407; **eruca** 62:19; **erucastrum** 63:345; **hirta** 63:48, 54; 69:373; **integrifolia** 69:406; **juncea** 63:48, 54; 71:521; 72:518; **var. crispifolia** 63:48, 55; **kaber** 52:127-128; 67:331; **var. pinnatifida** 55:154; 63:48, 54; 72:518; **var. schkuhriana** 63:48, 54; **var. stricta** 52:127; **monensis** 63:346; **napus** 62:19; 63:48, 54; **nigra** 52:127-128; 62:12, 19; 63:48, 54; 72:518; **oleracea** 62:19; 63:48, 54; **var. capitata** 69:407; **rapa** 63:48, 54; 67:331; 69:407; 72:518
Brassicaceae 67:331; 69:406
Braxylis 53:232
Braya 54:141; 55:109; 59:291; **aenea** 54:38; **alpina** 54:38; 55:110; 58:156; **var. americana** 54:37; **americana** 54:37-38; **arctica** 54:52; **bartlettiana** 54:36, 38; **fernaldii** 54:37-38; **henryae** 54:38; **humilis** 55:109-115; 71:505; **subsp. arctica** 55:114-115; **subsp. ventosa** 55:111, 114-115; **var. leiocarpa** 63:48, 53; **linearis** 55:110-111, 115; **longii** 72:136; **purpurascens** 54:49, 52, 54; 55:110; **var. dubia** 54:52, 283; **siliquosa** 65:211, 217-218
Brayulinea densa 56:210
Bredemeyera collettioides 60:104; 64:104
Breweria 51:35, 38; **subgen. Stylisma** 51:36; **angustifolia** 51:36, 38, 41, (pl. 1124); 52:266; **aquatica** 51:35-37, 40, (pls. 1121-1122); 52:266; **elliptica** 51:37-38; **humistrata** 51:36, 38, (pl. 1122); 52:267; **michauxii** 51:37-38, (pl. 1123); 52:268; **patens** 51:37, (pl. 1124); **pickeringii** 51:26, 35-36, 38, 40-42, (pl. 1125); 52:268; 56:274; 73:111; **var. angustifolia** 51:41 (map), 42, (pl. 1125); **var. caesariensis** 51:41 (map), 42, (pls. 1126-1127); **var. cuthbertii** 51:41 (map), 42-43, (pl. 1128); **var. pattersoni** 51:41 (map), 42, (pl. 1129); 56:274; **trichosanthes** 51:37

- Breynia* 69:418; *nivosa* 69:418
Brickellia 55:253, 269, 297, 328; sect. *Bulbostylis* 55:258, 274, 278, 316, 337; subsect. *Amplexicaules* 55:259, 274, 280, 316; subsect. *Baccharideae* 55:260-262, 274, 282, 316, 339; subsect. *Brachiatae* 55:259, 274, 281, 316, 338; subsect. *Clavigera* 55:258, 278, 316; subsect. *Coleosanthus* 55:262-264, 274, 285, 316, 337; subsect. *Microphyllae* 55:258, 274, 278, 316, 338; subsect. *Parvulae* 55:258, 274, 279, 316, 339; subsect. *Reticulatae* 55:259, 274, 280, 316, 337; sect. *Eubrickellia* 55:264-266, 274, 287, 316; sect. *Leptanthodium* 55:258, 274, 277, 316; sect. *Macrobrickellia* 55:266, 274, 297, 316, 335; *adenocarpa* 55:254, 257, 286-287, 299-300, 303, 320, 331, 335, 337, 340; var. *adenocarpa* 55:303, 316; var. *glandulipes* 55:264, 274, 303-304, 309, 316, (pls. 1194-1195); *amplexicaulis* 55:259, 274, 277, 281, 299, 305, 309, 315-316, 334, 337-338, (pl. 1194); *argyrolepis* 55:257, 264, 269, 271, 274, 286-287, 299, 314, 316, 320, 331, 337, (pls. 1194-1196); *baccharidea* 55:331; *betonicaefolia* 55:259, 274, 277, 281, 285, 299, 305, 309, 315-316, 334, 337-338, (pls. 1194, 1196); *brachiata* 55:311; *brachyphylla* 52:173; 55:258, 272, 274-275, 279-280, 307, 316-317, 331, 339, (pl. 1194); 56:208; *californica* 52:173; 55:260, 270, 273-275, 283-286, 297-298, 300, 307, 315-316, 320-321, 330-331, 339-340, (pls. 1194-1196); 56:208; var. *tenera* 55:283-284; *cardiophylla* 55:311; *cavanillesii* 55:335; *cordifolia* 55:311; *coulteri* 55:256, 259, 274, 282, 284, 288, 299, 311, 314-316, 338, (pls. 1194-1196); *cuspidata* 55:259, 274, 280, 311-312, 314, 316-317, 333-334, 338, (pls. 1194, 1196); *cylindracea* 55:307; *cymulifera* 55:311; *dentata* 55:258, 274, 279-280, 299, 307, 312, 316, 339, (pls. 1194, 1196); *desertorum* 55:260, 274, 284, 298, 315-316, 329, 331, 339, (pl. 1195); *diffusa* 55:257-258, 270, 272, 274, 277, 297, 299, 306, 311, 316, 318-319, 331-332, 341, (pls. 1194-1196); *fendleri* 55:331; *filipes* 55:318, 331, 341; *floribunda* 55:264, 274, 286, 298, 304, 309, 314, 316, 321, 329-331, 339-340, (pl. 1194); *frutescens* 55:309, (pl. 1196); *glabrata* 55:311; *glomerata* 54:231; 55:262, 274, 276, 284-286, 300, 302-304, 306, 315-316, 328, 331, 337, (pls. 1194-1195); *glutinosa* 55:311-312 (pl. 1196); *grandiflora* 55:265, 270, 272, 274, 287, 299, 304, 316, 319-320, 331, 333, 335, 338, (pl. 1194); 56:212; 63:331; *greenii* 55:264, 274, 297-298, 309, 316, 329, 331-332, 339, (pl. 1195); *hastata* 55:281, 311; *hebecarpa* 54:231; 55:303-304, 337; *hymenochlaena* 55:272, 311, 319, 335; *incana* 55:265, 274, 288, 297-298, 308, 315-316, 329-332, 338-339, (pls. 1194-1196); *kellermanii* 54:232; 55:280; *laciniata* 55:260, 274, 282-283, 286, 298, 307, 314-317, 330-331, 339-340, (pls. 1194, 1196); *lanata* 55:265, 274, 287, 308-309, 315-317, 333-334, 338, (pls. 1194-1196); var. *microdonta* 55:333; *longifolia* 55:337; *macromera* 55:256, 265, 273, 297, 312, 316; *megalodonta* 55:311; *megaphylla* 55:256, 260, 266, 273, 281-282, 311, 316; *microphylla* 55:258, 269, 274, 276, 278-279, 284, 286-287, 304, 309-310, 316, 328, 338, (pls. 1194-1196); *monocephala* 55:266-267, 272, 274, 297, 299, 306, 311-312, 314, 316-317, 319-320, 330-331, 335, (pls. 1194, 1196); *multiflora* 55:337; *nevinii* 55:258, 274, 279, 308-309, 316, 338, (pls. 1195-1196); *nutans* 55:266; *nutanticeps* 55:263, 266, 271-272, 316, 335; *oblongifolia* 55:270, 297, 316; var. *linifolia* 55:264, 273, 297, 336; *oliganthes* 54:229-232; 55:259, 274, 289, 301-302, 304, 316, 331, 338, (pl. 1194); *pacayensis* 55:264, 271, 274, 287, 299, 316, 320, 337, (pl. 1195); *palmeri* 55:304, 306, 311, 315, 337, 340, 343; var. *amphothrix* 55:261, 274, 285, 316, (pls. 1194, 1196); *paniculata* 55:262, 274, 287, 302-303, 306, 316, 335, (pls. 1194, 1196); *parvula* 55:307; *pendula* 55:263, 271, 300-301, 303-304, 309, 316, 331, 335, (pls. 1195-1196); *peninsularis* 55:265, 274, 287, 299, 311, 316, 337, (pl. 1194); *pulcherrima* 55:267, 311, 337; *reticulata* 54:229-232; 55:259, 280, 300-302, 304, 306, 316, 338, 342, (pls. 1195-1196); *robinsoniana* 55:267; *robinsonii* 64:262; *rusbyi* 55:262, 274, 285-286, 298, 304, 307, 315-316, 321, 329-331, 339-340, (pls. 1194, 1196); *scabra* 55:258, 274, 279, 306, 309, 316, 338, (pls. 1194, 1196); *scoparia* 54:231; 55:258, 272, 278, 299-300, 302, 304, 311, 314, 316, (pl. 1195); *secundiflora* 55:287, 303-304, 306, 335, 340; var. *nepetaefolia* 55:263, 305; var. *secundiflora* 55:263, 274, 287, 303, 316, (pl. 1194); *simplex* 55:319, 335; *solidaginifolia* 55:337; *squarrosa* 55:331; *subsessilis* 55:338; *tomentella* 55:263, 274, 287,

- 304-305, 316, 335, (pl. 1194); *urolepis* 55:281; *venosa* 54:232; 55:259, 274, 280, 301, 316, 331, 338, (pl. 1194); *verbenacea* 54:229, 231-232; 55:259, 274, 280, 300-302, 316, 338, (pls. 1194-1195); *veronicaefolia* 55:285, 298, 303-304, 306, 315, 330, 333, 339; var. *senilis* 55:261, 285, 300, 307, 316, (pl. 1196); var. *umbratilis* 55:261, 274, 285, 316, 333, (pl. 1194); var. *veronicaefolia* 55:261, 285, 300, 306, 316, 333, (pl. 1196); *watsoni* 55:309, 338; *wislizeni* 55:265, 274, 287-288, 299, 309, 314-316, 321, 334, 337-338, (pls. 1194-1196)
- Brissonia stipularis* 51:382
- Brittonamra* 51:198
- Briza* 68:101, 223; *mandoniana* 68:223; var. *herzogiana* 68:223; var. *tuberculata* 68:223; var. *vallegrandensis* 68:223; *media* 51:109; 53:266; *paleopilifera* 68:223; *spicigera* 68:224; *stricta* 68:223-224; *uniolae* 68:224
- Brodiaea uniflora* 60:13
- Bromelia* 71:36, 269; *balansae* 71:270; *hieronymii* 71:270; *serra* 71:270
- Bromeliaceae* 65:7; 67:323; 70:412, 415, 417; 71:31, 35, 220; subfam. *Bromelioideae* 71:36; subfam. *Pitcairnioideae* 71:35; subfam. *Tillandsioideae* 71:35, 232
- Bromus* 51:6; 52:209; 68:102-103, 110; 71:562; sect. *Bromopsis* 52:209-210; sect. *Ceratochloa* 52:212; *altissimus* 72:345; *angustatus* 68:111; *anomalus* 51:21; var. *lanatipes* 51:20-21; 56:208; *arcticus* 52:211; *arenarius* 68:168-169; *arvensis* 68:170, 173; *brizaeformis* 60:296; 63:41; 68:170, 173; 69:452; *briziformis* 69:452; *buchtienii* 68:111; *catharticus* 68:110-111; *ciliatus* 51:107; 52:212, 214; 59:232; 72:345; subvar. *denu-datus* 52:210; var. *coloradensis* 52:211; var. *genuinus* 55:118; *commutatus* 53:22; 56:26; 60:65; 63:133; 68:168-169, 171, 173, 515; f. *commutatus* 68:171, 173, 515; f. *perglaber* 68:515; f. *pubens* 68:171, 173; var. *pubens* 68:168, 171, 173; *dudleyi* 51:106-107; 55:118; 69:31; *inermis* 52:209-210; 55:118; 59:231; 63:133; f. *aristatus* 52:210; f. *villosus* 52:210; subsp. *inermis* 52:210-211; subsp. *pumpellianus* 52:211; 65:211; var. *arcticus* 52:211; 65:213; var. *purpurascens* 52:211; var. *aristatus* 52:210; *inopinatus* 52:210; *irkutensis* 52:209; *japonicus* 56:180; 59:231; 63:133; 73:105; var. *porrectus* 56:26; *kalmii* 51:6; 52:212-214; *korotkyi* 52:209; *lanatus* 68:111; *latifolius* 72:346; *latiglumis* 52:212-214; 59:232; 63:133; 68:440; 72:345; f. *incanus* 59:232; *lepidus* 68:169-170, 172; 72:345; f. *lasiolepis* 68:170, 172; f. *lepidus* 68:170, 172; f. *micromollis* 68:172; *mandonianus* 68:243; *marginatus* 60:264; 63:40; *mollis* 68:168-169, 171; 72:345; f. *leiostachys* 68:169, 171; f. *mollis* 68:169, 171; *mutabilis* var. *hirtus* 68:172; *notto-wayanus* 51:127; 59:232; 63:21; 72:345-346; *ornans* 52:209; *pflanzii* 68:111; *pitensis* 68:111; *pratensis* 68:173; *pubescens* 52:215; 59:232; 72:339-340, 344-346; f. *glabriflorus* 68:440; *pumpellianus* 52:209-211; 65:213; 70:204; var. *arcticus* 52:209, 211; var. *melicoides* 52:211; var. *tweedyi* 52:211; var. *villosissimus* 52:209, 211; 65:213; *purgans* 52:211-214; 59:232; 72:79, 345-346, 350; f. *glabriflorus* 68:440; f. *laevivaginat-us* 54:211; var. *latiglumis* 72:346; var. *longispicata* 52:211; var. *purpurascens* 52:211; *racemosus* 63:133; 68:168, 170, 173; 72:47; *richardsonii* 52:209; *rigidus* 56:180; 59:27, 232; *secalinus* 56:26; 63:133; 68:169-170, 172, 515; 73:104; var. *hirsutus* 68:170, 172-173; var. *secalinus* 68:170, 172; f. *hirtus* 68:170, 172; f. *secalinus* 68:170, 172; f. *submuticus* 68:170, 172; *segetum* 68:110-111; *sibiricus* 52:209; *squarrosus* 55:236; 57:266; 63:134; 72:345; 74:389; *sterilis* 59:232; *tectorum* 55:17; 70:442; 71:22; var. *glabratus* 55:18; *thominii* 68:168, 170-171; f. *hirsutus* 68:170-171; f. *thominii* 68:170-171; *trinii* 55:236; 68:110-111; *unioloides* 68:111; *villosus* 59:232; *vogulicus* 52:209
- Brotherella delicatula* 62:166; *recurvans* 62:166; *tenuirostris* 74:524
- Broussonetia* 70:521; *papyrifera* 58:129; *secundiflora* 70:521, 528
- Bruchia flexuosa* 62:152; *sullivanti* 62:152
- Brugmansia arborea* 67:351; *suaveolens* 67:351
- Brunfelsia* 69:394, 440; *americana* 69:440; *udulata* 69:440
- Brunnichia* 56:256; 64:147; *cirrhusa* 51:21; 64:150, 155 (fig. 8)
- Bryaceae* 53:124; 62:147, 156
- Bryanthus taxiflorus* 55:295
- Bryhnia graminicolor* 53:125; 62:165; *novae-angliae* 62:165
- Bryinae* 53:122
- Bryoerythrophyllum recurvirostre* 62:154

- Bryophyllum pinnatum* 69:408; 71:441
Bryopsidaceae 75: 267
Bryopsis hypnoides 75:267; *plumosa* 73:276; 74:412, 480; 75:267
Bryoxiphium norvegicum 74:524
Bryum affine 64:124; *angustirete* 62:156; *argenteum* 53:124; 62:156; var. *lanatum* 62:156; *bicolor* 53:118, 124; *bimum* 62:156; *caespiticium* 62:156; *capillare* 62:156; *creberrimum* 62:156; *cuspidatum* 62:156; 64:124; *cyclophyllum* 72:500; *longii* 72:136; *muhlenbeckii* 61:22; *pallens* 58:248; 72:494; *pendulum* 59:26; 62:156; *pseudotriquetrum* 53:124; 62:156; *turbinatum* 62:170
Buchenavia 69:430; *capitata* 69:430
Buchloë dactyloides 51:19, 25; 52:19; 56:207; 60:259-260; 64:355; 68:36
Buchnera 64:147; *americana* 54:178; 64:153; *elongata* 69:376; *floridana* 52:269; 54:177-178; 57:288; 66:379; 71:33; *longifolia* 69:376
Bucida 69:430; *buceras* 69:430
Buckleya distichophylla 64:332
Buddleia cordata 62:177 (fig. 1), 181, 184; 63:343; *lindleyana* 60:21
Buellia 57:323; *gyrosa* 57:324; *microphylla* 57:323-324; *moriopsis* 56:156; *pyxinoides* 57:323; *trachyspora* 57:324
Bulbochaete elatior 63:276; *insignis* 63:276; *minor* 58:118; *mirabilis* 63:276; *repanda* 64:54; *scobiculata* 63:276; 64:54; *setigera* 63:276; sp. 63:276
Bulbophyllaria pachyrrachis 67:327
Bulbophyllum 59:242; *pachyrrachis* 67:327
Bulbostylis 54:229; 67:110; *boliviana* 67:114; *capillaris* 65:26, 31; 67:111, 113; 74:294; 75:378; var. *crebra* 65:26, 30; var. *tenuifolia* 67:113; *coarctatus* 52:257; *floridana* 54:170; *funckii* 67:110; *hirtella* 67:111, 113; *junciformis* 67:111, 114; *juncoides* 67:111-112; var. *ampleiceps* 67:111-112; *papillosa* 67:111, 113; *paradoxa* 67:111; *pauciflora* 67:321; *reticulata* 54:230; *sphaerocephala* 67:111-112; var. *macrocephala* 67:112; *sphaerolepis* 67:112; *tenuifolia* 67:113
Bumelia 69:433; 72:25; *angustifolia* 57:277, 287; 72:25-26; *celastrina* 72:26; var. *angustifolia* 72:26; var. *celastrina* 72:25-26; *confertiflora* 70:31; *crenulata* 53:235; *krugii* 67:345; *lacuum* 65:280, 281 (pl. 1288), 281; *lanuginosa* var. *oblongifolia* 70:31; *lycioides* 51:139; *oblongifolia* 70:31; *obovata* 69:433; var. *krugii* 67:345; *salicifolia* 73:206; *tenax* 65:280, 282
Bumilleria sicula 64:54
Bunchosia 69:416; 70:322; *glandulosa* 69:416
Bunias erucago 62:293; *orientalis* 62:19, 293
Bupleurum americanum 65:219; *triradiatum* 65:219; subsp. *arcticum* 65:219
Burmannia capitata 64:88
Burmanniaceae 67:324-325
Bursera 70:246; *inaguensis* 66:6; *simaruba* 57:278, 286; 67:336; 69:417
Burseraceae 67:336; 69:417
Butomaceae 52:227
Butomus 51:386-387; *umbellatus* 51:385, 387, 388 (map); 52:227; 61:24; 70:171; 72:164; f. *vallisneriifolius* 51:387
Buxaceae 67:338
Buxbaumia aphylla 53:117, 123; 62:168; *indusiata* 59:25; *subcylindrica* 59:26; 62:168
Buxbaumiaceae 53:123; 62:147, 168
Buxus laevigata 67:338; *portoricensis* 67:338; *vahlilii* 67:338
Byrsonima 69:416; 70:321; *coriacea* var. *spicata* 69:416; *cuneata* 67:336; *horneana* 67:336; *lucida* 67:336; *ophiticola* 67:336; *spicata* 67:336; 69:416; *wadsworthii* 67:336
Byssosphaeria barbicineta 65:305-306
Byssus 75:535; *purpurea* 75:536
Cabomba 71:417; *caroliniana* 60:116, 321; 61:248; 62:109, 115; 73:302
Cabombaceae 67:330
Cacabus 69:83-84, 100; *hondurensis* 69:84; *mexicanus* 69:82, 100-101, 227
Cacalia 72:146; *acaulis* 72:148; *atriplicifolia* 62:202 (pl. 1254); 67:55-56; × *muhlenbergii* 67:55, [57 (figs. 1-2)]; *diversifolia* 75:409; *floridana* 62:202 (pl. 1254); *graminifolia* 66:383, 396; *lanceolata* 71:34; *muhlenbergii* 67:55-56; *noveboracensis* 72:154; *peltata* 64:276; *sinuata* 64:269; 65:231; *suaveolens* 67:55-56; *tuberosa* 67:55-56, 57 (fig. 3); 75:136; *tussilaginoideis* 64:269
Cacara erosa 67:335
Caconapea stricta 67:351
Cactaceae 67:341; 69:428; 70:410; 75:419
Cactus ferox 57:290; 70:33; *flagelliformis* 70:33; *fragilis* 57:290; 70:34, 431; *intortus* 67:341; 69:428; *mamillaris* 70:33; *viviparus* 57:290-291; 58:286; 70:33, 431

- Caesalpinia* 69:410; *bonduc* 57:285; 67:333; 69:373, 410; *coriaria* 67:333; *crista* 57:285; 67:333; 69:373, 410; *culebrae* 67:333; *decapetala* 67:333; *divergens* 67:333; 75:416; *ferrea* 63:18; *major* 69:373; *melanosperma* 67:333; 69:410; *ovalifolia* 66:12; *portoricensis* 67:333; *pulcherrima* 67:333; 69:410; *reticulata* 66:6; *spinosa* 63:18
Caesalpinia 62:236; 69:395, 410; 70:493
Cajan cajan 67:334; 69:412
Cajanus 69:412; *cajan* 67:334; 69:412; 73:48
Cakile 69:407; 72:370-373, 378; *americana* 72:373; *californica* 72:370-371, 373-379, 382-383; *edentula* 63:48, 53, 288; 65:91; 71:20, 25, 521; 72:370-371, 373, 375, 378-379, 518; 75:56, 318; *subsp. californica* 72:370-371, 376, 379-381; *var. californica* 72:370, 377-379; *var. lacustris* 57:114; *fusiformis* 57:281, 285, (pl. 1221); *lanceolata* 62:12-13, 19; 69:407; *maritima* 72:370-371, 373, 375-383
Caladium bicolor 67:323; *colocasia* 67:323; *sagittaeifolium* 74:516; *speciosum* 56:256; *virginicum* 74:516
Calamagrostis 68:98, 246; *amoena* 68:246, 249; *antoniana* 68:247, 254; *beyrichiana* 68:256; *boliviensis* 68:249; *brevifolia* 68:247, 253; *calderilensis* 68:246, 248; *canadensis* 51:8; 53:19; 55:14, 43; 58:52; 64:345; 65:312; 66:144, 154; 70:210; 71:519; 73:255; *var. canadensis* 72:511; 75:315; *var. langsdorfi* 55:124; *var. macouniana* 54:124; *var. robusta* 55:124; 64:345; 65:88; 66:144; *var. scabra* 55:124; 65:88; 66:144; *var. typica* 55:124; *cephalantha* 68:247, 252; *chrysantha* 68:246, 250; *cinnoides* 51:57; *cryptolopha* 68:246, 251; *curta* 68:247, 252; *curvula* 68:246, 252; *densiflora* 68:247, 257; *elegans* 68:248; *eminens* 68:246, 248; *var. sordida* 68:248; *var. tunariensis* 68:248; *epigejos* *var. georgica* 65:74; *fiebrigii* 68:247, 254; *filifolia* 68:249; *glacialis* 68:247, 251; *heterophylla* 68:247, 249; *humboldtiana* 68:255; *inexpansa* 57:114; 70:204; *var. brevior* 53:18; 55:124; *insperata* 56:43; 57:310; *intermedia* 68:246, 255; *jamesonii* 68:247, 251; *koelerioides* 52:52; *leiophylla* 68:247-248; *lilloi* 68:257; *longiaristata* 68:246, 256; *mcvaughii* 63:341, 344; *minima* 68:247, 255; *montevidensis* 68:257; *var. linearis* 68:256; *neglecta* 53:266; 70:204-205, 208; 71:504; *orbignyana* 68:247, 255; *ovata* 68:246, 250; *pentapogonoides* 68:250; *pflanzii* 68:250; *pickeringii* 71:168; *polygama* 68:246, 257; *porteri* 56:43; *pringlei* 62:185; 63:341; *purpurascens* 55:52-53, 81, 124; *recta* 68:247, 256; *rigescens* 68:246, 249; *rosea* 66:277; *var. macrochaeta* 68:253; *scopulorum* 52:52; 55:237; *spicigera* 68:246, 258; *tarijensis* 68:246, 254; *tarmensis* 68:247, 253; *toluccensis* *var. laxiflora* 68:248; *trichophylla* 68:247, 256; *variegata* 68:252, 444; *vicunarum* 68:247, 250; *violacea* 68:247, 253; *viridiflavescens* 68:246, 257
Calamintha alpina 57:76; *arvensis* 57:76; *cretica* 57:76; *glabella* 57:73; *var. angustifolia* 57:73; *grandiflora* 57:75; *montana* 57:76; *nepeta* 57:75-76; *officinalis* 57:73, 75-76; *parviflora* 57:76; *trichotoma* 57:75
Calamovilfa 72:72-73, 75; *sect. Calamovilfa* 72:75-76; *sect. Interior* 72:75; *arcuata* 72:72, 74 (fig. 1), 75-77, 78 (fig. 2), 79; *brevipilis* 72:73, 75-77; *curtissii* 72:73, 75-77; *gigantea* 72:73; *longifolia* 57:113; 72:73; *var. magna* 62:199; 68:437
Calandrinia caulescens *var. menziesii* 62:115
Calanthe mexicana 59:246-247, 249 (fig.); *var. lanceolata* 59:246
Calathea acuminata 65:9
Calea 70:233; 75:173; *angustifolia* 66:307; *aspera* 75:171, 192; *integrifolia* 64:257, 268; *multipega* 70:238; *nelsonii* 64:268; *palmeri* 65:229, 236-237; *pinnatifida* 70:238; *scabra* 65:229, 230 (fig. 20), 236-237; *serrata* 72:98; *sp.* 64:273 (fig. 2); *trichotoma* 64:258, 268, 272; 65:236
Calendula americana 74:511-512; *decumbens* 74:21, 206; *officinalis* 71:174
Calepina corvini 59:278; *irregularis* 59:278; *f. major* 59:279
Calia 70:521-522; *erythrosperma* 70:521, 528
Calla palustris 52:293; 53:79, 85; 54:226; 55:47, 136; 58:322; 61:276, 281, 283 (map 2); 63:42; 72:513
Calladium sagittaeifolium 74:510; *virginicum* 74:516
Calliandra 69:409; 70:492; *biflora* 56:132; *caracasana* 67:331; 69:409; *haematostoma* 67:331; *purpurea* 67:331
Calliblepharis ciliata 72:325
Callicarpa americana 55:238-239; 67:

- 394, 396 (fig. 8, map); 73:496; 75:420
- Calliergon cordifolium* 62:162; *giganteum* 64:124; *richardsoni* 54:157; *stramineum* 62:170; 70:207; 72:494
- Calliergonella cuspidata* 62:163; *schreberi* 62:166
- Callirhoë* 58:100; 75:148; *digitata* 58:100; var. *stipulata* 58:101; f. *alba* 58:101; *involucrata* 58:100, 102; 60:41, 43; var. *involucrata* 58:101; var. *lineariloba* 58:100-101; *lineariloba* 51:25; 58:100
- Callistosporium luteoolivaceum* 68:176 (pl. 1331), 178; *psilocybe* 68:176
- Callithamnion* (see *Callithamnium*)
- Callithamnium* 75:535, 565-566; *baileyi* 72:221, 232-233, 236; 74:421; 75:276; *byssoides* 75:276; *corymbosum* 72:201, 221, 236; 74:421; 75:276; *daviesii* 75:81, 550, 555, 577; var. *secundatum* 75:94, 575; *efflorescens* 75:584; *entozoicum* 75:569, 589-590; *luxurians* 75:94, 96, 575, 579; *membranaceum* 75:566; *microscopicum* 75:86, 557; *purpureum* 75:536; *roseum* 72:221; *rothii* 75:537; *savianum* 75:560-561, 563; *secundatum* 75:94, 575; *tetragonum* 72:222; *virgatulum* 75:94, 96, 545, 550, 576, 581
- Callitrichaceae* 55:171; 75:319
- Callitriche* 53:137, 161, 185, 209; 54:286-287; 69:173; 70:552; 71:513; sect. *Callitriche* 53:143; sect. *Eucallitriche* 53:143; sect. *Microcallitriche* 53:142; sect. *Pseudocallitriche* 53:143; *albomarginata* 53:145, 171, 173 (map 11), 222, (pl. 1173); *anceps* 53:146, 148, 181, 186-188, 189 (map 16), 190, 192, 220-221, (pls. 1169, 1174); *antartica* 53:145, 148-149, 166, 167 (map 9), (pls. 1169, 1171); *asagraei* 53:174, 179; *austini* 53:138, 150, 153-154; *autumnalis* 53:138, 143, 153, 178, 185, 215, 217-218; var. *bicarpellaris* 53:219; *berteroiana* 53:192-193; *berteroana* 53:192; *bifida* 53:215; *bolanderi* 53:177; 179, 194; *brevifolia* 53:178-179; *deflexa* 53:142, 144, 147-150, 153-154, 164, (pls. 1169-1170); α *brauniana* 53:149-150; β *austini* 53:149-150, 154, 175, 181; β *glaziovii* 53:149; var. *austini* 53:151; var. *deflexa* 53:147 (map 2), 149, 222; var. *glaziovii* 53:150; var. *subsessilis* 53:147, 149-150, 152 (map 2a), 154, 164, 221-222, (pl. 1170); *drummondii* 53:162-163; *hamulata* 53:146, 178 (map 15), 185, 190, 192, 219, (pl. 1174); *hermaphroditica* 53:138-140, 143, 146, 153, 214-215, 216 (map 24), 217-218, 220-221, (pl. 1775); *heterophylla* 51:111; 53:138, 146, 148, 153-155, 168, 172, 177-179, 181, 186, 189-192, 210, 220-221, (pls. 1167-1168), 1173; 55:237; 71:516-517, 522; var. *bolanderi* 53:154, 161, 174, 177, 178 (map 13a), 179-180, 186, 200, (pls. 1167, 1173); var. *heterophylla* 53:174, 176 (map 13), 177, 180-181, 186, 220, (pl. 1173); *heteropoda* 53:145, 172, 173 (map 12), 186, 222, (pl. 1173); *intermedia* 53:185; *lechleri* 53:146, 148, 191-193, (pl. 1174); var. *berteroana* 53:192, 193 (map 18a), 194, 222, (pl. 1174); var. *lechleri* 53:192, 193 (map 18), 222, (pl. 1174); *linearis* 53:178-179; *longipedunculata* 53:146, 154-155, 161, 168, 209, 210 (map 21), 214, 220, (pls. 1167, 1175); *marginata* 53:144, 148-149, 152 (map 4), 154-155, 161, 193, 210, 220, (pls. 1169-1170); α *torreyana* 53:154; β *berteroana* 53:192-194; γ *lechleri* 53:148, 191-192, 194; *mexicana* 53:163; *microcarpa* 53:166; *nubigena* 53:146, 173 (map 17), 191-192, 222, (pl. 1174); *nuttallii* 53:144, 149, 151, 154, 161, 164, 165 (map 6), 166, 221, (pl. 1171); *oblongicarpa* 53:146, 192, 193 (map 20), 194, 222, (pl. 1174); *occidentalis* 53:144, 149, 165 (map 8), 166, (pl. 1171); *palustris* 53:138, 143, 166, 168, 194, 218; 55:47, 171; 65:77; var. *bifida* 53:215, 217; *pedunculata* 53:153, 161; *pedunculosa* 53:161; *peploides* 53:144, 149, 162, 221, (pl. 1171); var. *media* 53:149, 164, 165 (map 7), 221, (pl. 1171); var. *peploides* 53:149, 163-164, 165 (map 7), 221, (pl. 1171); var. *semialata* 53:149, 163-164, 165 (map 7), 221, (pl. 1171); *platycarpa* 53:212; *quindiensis* 53:146, 173 (map 14), 185-186, 222, (pl. 1173); *rimata* 53:193; *rimosa* 53:146, 210 (map 22), 211, 214, 222, (pl. 1175); *sepulta* 53:144, 148-149, 161, 165 (map 5), 220, (pls. 1169-1170); *stagnalis* 53:138, 146, 211, 213 (map 23), 214, 219-220, (pl. 1175); α *vulgaris* 53:213; f. *caespitosa* 53:212-214; f. *heterophylla* 53:213-214; f. *spathulata* 53:213, 215; f. *stagnalis* 53:212-213; f. *submersa* 53:213, 215; f. *terrestris* 53:213-214; f. *vulgaris* 53:213; var. *serpyllifolia* 53:214; *stenocarpa* 53:168, 210; *terrestris* 53:138, 144, 149-150, 152 (map 3), 153-154, 162, 178, 181, 219, 221, (pl. 1170); 60:18, 30; 74:383; *trochlearis* 53:146, 192, 194, 210 (map 19), 220, (pl. 1174);

- tuerckheimii* 53:174, 179; *turfosa* 53:138, 144, 147 (map 1), 148-149, 193-194, 221, (pls. 1169-1170); *verna* 53:138, 143, 145, 153, 166, 168, 169 (map 10), 170, 178, 181, 190, 194, 210, 218, 220, (pls. 1167, 1172); 65:77; 71:505; 73:258; 75:319; β *intermedia* 53:153
Calluna vulgaris 57:337
Calochortus 61:272; *madrensis* 74:351; *nuttallii* 70:37; *pudica* 63:42; *venustulus* 74:350-351; var. *imbricus* 74:350-351; var. *madrensis* 74:351; var. *venustulus* 74:350-351
Calocylindrus 64:57
Caloglossa leprieurii 75:279
Calonectria belonospora 65:308; *cerea* 65:307; *fulvida* 65:307
Caloneis silicula var. *inflata* 64:54
Calonyction aculeatum 57:281, 287; 67:347; *tuba* 57:281, 287; 67:347; 69:436
Calophyllum 69:426; *antillanum* 67:341; 69:426; *brasiliense* 69:426; *calaba* 67:340
Caloplaca elegans 54:277
Calopogon pallidus 71:32; *pulchellus* 53:82, 84; 55:295; 65:273; 67:376; 68:460; 70:197-198; 71:32; 72:514; *tuberosus* 68:460; 75:316
Calopogonium mucunoides 67:335; *orthocarpum* 67:335
Calosphaeria 71:199
Calosphaeriaceae 71:199-200
Calothrix 55:105; *confervicola* 71:117; 73:268; 74:484; 75:292; *crustacea* 71:117; 73:268; 74:476, 478, 485-487; 75:292; *epiphytica* 63:281; *parietina* 58:117-118; *pulvinata* 75:293; *scopulorum* 60:284; 66:218, 224-225, 228; 71:154; *stagnalis* 67:252; *stellaris* 64:54
Calotropis 69:435; *procera* 69:435
Caltha natans 53:158; 55:151; 56:39; *palustris* 52:294; 55:151; 56:248; 58:322; 62:110, 113, 330; 65:216; var. *arctica* 65:216
Calusia 70:505; *emarginata* 70:506
Calycanthaceae 62:111
Calycanthus fertilis 62:111, 116; *floridus* 72:55; var. *laevigatus* 72:55-56
Calycera balsamitaefolia 57:72
Calycium 62:64
Calymenia angustifolia 57:291; 70:33; *nyctaginea* 70:32; *pilosa* 57:290; 70:33
Calymperaceae 53:123
Calypogeia fissa 59:253, 255-256; *meylanii* 59:255; 72:494; *muelleriana* 59:255-256; *neesiana* 58:248; 59:255; *portoricense* 59:256; *suecica* 59:255; *sullivantii* 59:253, 256; *trichomanis* 58:248
Calypso 53:7; 62:141; *bulbosa* 52:44; 53:82, 86; 55:76, 142; 62:141; 73:105
Calyplocarpus blepharolepis 58:275, 277-278; *tampicanus* 58:275, 278; *vialis* 58:275, 277
Calyptracordia alba 67:348
Calyptranthes 69:430; *cardiophylla* 60:324; *clarendonensis* 60:323-324; *dumetorum* 67:343; *kiaerskovii* 69:394, 430; *luquillensis* 67:343; *maxonii* 60:324; *pallens* 67:343; *peduncularis* 67:343; *triflorum* 67:343
Calyptracarya 67:125; *fragifera* 67:125; *glomerulata* 67:125
Calyptrigyne occidentalis 67:322; 69:372; *rivalis* 69:372
Calyptronoma rivalis 67:322; 69:372
Calypdropsidium sintenisii 69:375
Calystegia 51:193; *catesbeiana* 51:70-72; *hederacea* 51:74; *japonica* 51:73; *pubescens* 51:73-74; *sepium* 51:71; var. *japonica* 51:73; var. *pubescens* 51:70-72; *spithamaea* 51:71; *subvolubilis* 51:73
Camassia angusta 66:16-17; *esculenta* 58:287; 70:44-45; *quamash* 58:287; 70:45; *scilloides* 66:17; 70:45; f. *variegata* 51:116
Camelina microcarpa 63:48, 54; *sativa* 51:111; 63:48, 54
Campanula 51:303; 63:29; 65:319; *acuminata* 65:329; *americana* 55:224; 65:325, 327, 329, 331, 333-334; 67:394, 395 (fig. 2, map); 71:303; *angustiflora* 65:322, 329, 334-335; *aparinoides* 54:259; 55:19; 56:251; 57:309; 65:326, 329, 333-335; 73:260; 75:254; *aurita* 65:324, 329, 333-335; *californica* 65:326, 329, 334-335; *chamissonis* 65:323, 329-330, 332, 334-335; *dasyantha* 65:329, 332; *divaricata* 63:29; 65:321, 327, 329, 333-334; 71:303; *exigua* 65:322, 329, 334-335; *flexuosa* 65:329; *floridana* 65:326, 329, 331, 334-335; *glomerata* 56:39; 65:328-329; *heterodoxa* 65:331; *intercedens* 65:331; *langsдорffiana* 65:330; *lasiocarpa* 55:247, 252; 65:323, 329, 332, 334-335; subsp. *lasiocarpa* 71:506; *latisepala* 65:331; *linifolia* 65:331; *linnaeifolia* 65:329; *macdougalii* 65:331; *pallasiana* 65:332; *parrvi* 65:325, 330-335; var. *idahoensis* 65:330, 332; *petiolata* 65:331; *pilosa* 65:329, 332; *piperi* 65:323, 330, 332, 334-335; *prenanthoides* 65:326-327, 330, 332, 334-335; *rapunculoides* 52:297; 55:194; 65:329, 332; 72:526; *rentonae* 51:302; 65:332; *reverchoni*

- 65:322; 331, 334-335; *robinsiae* 61:186; 65:322, 331, 334-335; *rotundifolia* 55:41, 46, 194; 57:113, 302; 61:123; 65:94, 286, 319, 325-326, 328, 331-335; 67:92; 70:179, 181, 210; 72:526; f. *albiflora* 65:94; var. *alaskana* 65:331; var. *intercedens* 55:194; × *latisepala* 65:331; *sacajaweanana* 65:331; *scabrella* 65:323, 330, 332, 334-335; *scheuchzeri* 65:331; *scouleri* 65:325, 327, 332, 334-335; *trachelium* 65:328, 332; *uliginosa* 55:195; 65:329; *uniflora* 65:221, 323-324, 332-334; *wilkinsiana* 65:324, 332, 334-335
- Campanulaceae** 52:297; 55:194; 63:212; 64:147, 156; 66:15; 67:354; 69:447; 71:33
- Campanulastrum americanum* 65:329
- Campsis chinensis* 70:67; *radicans* 63:289; 70:67
- Camptosema coriaceum* 71:550; *tomentosum* 63:17 (fig. 1), 18
- Camptosorus rhizophyllus* 54:166; 57:235, 237; × *Asplenium* 56:6
- Camptothecium lutescens* 62:170; *nitens* 58:322; 62:165; var. *falcifolium* 54:158; *nuttallii* 52:73
- Campylium chrysophyllum* 62:163; *hispidulum* 53:125; 62:163; *polygamum* 62:163; *radicale* 62:163; *stellatum* 62:163
- Campylocentrum fasciola* 67:327; *sullivanii* 67:327
- Campylostelium saxicola* 62:158
- Camutia perfoliata* 74:195
- Cananga blainii* 67:330; *caribaea* 67:330
- Canavali* 67:335; *maritima* 69:412; *rusiosperma* 67:335
- Canavalia* 69:412; *brasiliensis* 67:335; *ensiformis* 67:335; *gladiata* 67:335; *maritima* 69:412; *nitida* 67:335; *obtusifolia* 57:285
- Candelaria concolor* 60:81; var. *effusa* 60:81
- Candolleodendron* 68:429, 430 (fig. 1), 431; *brachystachyum* 68:429, 430 (fig. 1)
- Canna* 75:385; *flaccida* 75:385
- Cannabinaceae** 60:297
- Cannabis sativa* 53:225; 60:297, 304
- Cannaceae** 51:208
- Cantharellus cibarius* 64:127; *cinabarinus* 64:129; *friesii* 64:129; *minor* 64:127, 128 (pl. 1268), 129; *morgani* 64:129; *olidus* 64:129; *rosellus* 64:129
- Capitularia gracilis* γ *Capitularis macroceras* 54:267
- Capnodiaceae** 71:196
- Capparaceae** 67:331; 69:395, 407
- Capparidaceae** 56:65; 63:47, 51; 67:331; 68:41; 72:534
- Capparis* 69:407; *baducca* 69:407; *cy-nophallophora* 57:277, 285; 69:407; *flexuosa* 69:407; *indica* 69:407; *portoricensis* 69:407
- Capraria* 69:442; *biflora* 57:279, 288; 69:442; 73:48, 50
- Caprifoliaceae** 52:297; 55:192; 63:212; 69:446; 71:33, 514; 75:120, 321; trib. *Diervilleae* 75:120-121; trib. *Linnaeae* 75:120-121; trib. *Lonicereae* 75:120-121; trib. *Triosteae* 75:121; trib. *Viburneae* 75:120-121
- Capriola dactylon* 67:319
- Capsella bursa-pastoris* 52:294; 55:154; 60:65; 63:48, 54; 64:345; 69:463; 71:521; 72:518; 75:318; var. *bifida* 63:48, 55; *rubella* 53:22; 63:48, 55; 65:91; 66:142
- Capsicum* 69:440; *frutescens* 69:440
- Capsosiphon fulvescens* 58:118; 71:118; 72:317, 331; 73:269-270; 74:481, 484
- Caragana arborescens* 63:43; 74:392
- Cardamine** 69:463; 71:552; *bellidifolia* 52:178; 54:54; 55:250; 63:48, 52; *bulbosa* 63:48, 53; 64:150; 75:388; *digitata* 54:260; 65:217; *douglassii* 54:172; 55:226; 63:48, 53; 69:460, 463-464; 75:388; *flexuosa* 51:111; 63:48, 53; *gambelii* 62:15; *hirsuta* 63:48, 55; *hyperborea* 54:260; *impatiens* 63:48, 55; *longii* 63:48, 53; 72:136; *microphylla* 71:505; *parviflora* var. *arenicola* 55:154; 57:302, 307; 63:48, 52; 72:347, 518; f. *gracillima* 55:154; *pennsylvanica* 51:111; 53:20; 55:154, 224; 63:48, 51; 64:231; 72:518; 73:258; var. *brittoniana* 63:48, 52; var. *gracilis* 55:154; *pratensis* 63:48, 54; 75:160; f. *plena* 63:48; var. *palustris* 63:48, 53; *rhomboidea* var. *purpurea* 69:463; *richardsonii* 54:260; 65:217; *tuberosa* 69:464
- Cardaria* 54:183; *draba* 59:29; 63:48, 55; *pubescens* 59:29
- Cardenanthus* 64:291, 298; *boliviensis* 64:299-300; *longitubus* 64:299-300; *orurensis* 64:299; *peruvianus* 64:299, 301; *shepardae* 64:299, 301; *tunariensis* 64:299, 302; *vargasii* 64:299, 303; *venturii* 64:299, 302
- Cardiospermum* 69:422; *corindum* 69:422; *halicacabum* 57:286; 59:127; 69:422; var. *microcarpum* 67:338; *microcarpum* 66:13; 67:338
- Carduaceae** 67:354
- Carduus* 51:33; *acanthoides* 59:6; *acuatus* 65:349; *austrinus* 71:294-295; *floccosus* 65:349; *kelseyi* 65:

- 344; lanceolatus 71:34; lecontei 66:381; 71:34; megacephalus 54:30; nebraskensis 54:32, 34-35; plattensis 54:32, 34; var. spinosior 54:32, 34; smallii 72:45; spinosissimus 71:34; undulatus 54:30; 70:431; var. megacephalus 54:30; vittatus 72:45
- Carelia* 72:95
- Carex* 52:227; 53:33, 41, 44; 53:62; 54:246; 55:47; 58:51, 318; 61:272; 65:26, 29; 67:134; 68:450; 69:306, 451; 70:208, 212, 221; 71:105, 507, 562; 72:565; 74:321, 322 (fig. 15); 75:248, 380-381; sect. *Acutae* 68:451; sect. *Carex* 68:451; sect. *Multiflorae* 67:198; sect. *Ovales* 59:33; sect. *Phyllostachyae* 56:21; sect. *Triquetrae* 75:381; sect. *Vesicariae* 58:51, 69; *abdita* 53:14; 55:132; 56:246; 57:311; 58:322, 324; 64:168, 174, 357; 68:453; *ablata* 70:420; *aboriginum* 70:420; *abscondita* 64:168, 176; 65:76; 75:251; *acuta* 68:451; 74:324; *acutiformis* 64:168, 179; *adelostoma* 61:32; *adusta* 55:129; 64:169, 177; 72:512; *aenea* 55:129-130; 56:231; 63:41; 64:169, 174; 72:512; f. *extrapolata* 55:130; f. *flumini-regalis* 55:130-131; *aestivalis* 64:169, 176; 75:251, 253; *aggregata* 52:258; *alata* 55:15; 57:156; 64:169, 176; 75:251, 253; *albolutescens* 64:169, 176; 75:250, 254; *albursina* 64:169, 176; 75:250, 253; *alopecoidea* 64:169, 176; 74:390; *amblyorhyncha* 58:322; *amphibola* 56:158; 75:250; var. *rigida* 64:169, 176; var. *turgida* 59:8; 64:169, 176; *amplisquama* 57:156; *anceps* 51:110; *angustior* 51:110; 55:128; 64:169, 173; 65:89; 66:144; 67:361; 72:512; *annectens* 60:67; 64:169, 175; 67:198-199; 75:250; var. *xanthocarpa* 64:169, 175; *aquaticus* 55:133; 56:227; 58:52, 64; 65:214; 70:205, 207, 210, 212; var. *altior* 55:133; 57:319; 64:169, 177; *arcta* 64:169, 174; *arctata* 55:134; 64:169, 174; 72:513; *arenaria* 52:258; 75:252; *argyrantha* 55:129; 64:169, 175; 72:512; 75:250, 253; *artitecta* 62:240; 64:169, 175; 72:513; 75:250; var. *subtilirostris* 64:169, 177; *atherodes* 54:252; 63:20; 64:169, 177; 73:105; *athrostachya* 53:157; *atlantica* 64:169, 175; 67:361-362; 72:512; 75:250; var. *incomperta* 67:362; *atrata* 70:421; *atratiformis* 53:14, 267; 54:225, 246, 248 (fig. 1, map), 249; 57:303, 306; 64:169, 174; 65:338; 68:413 (fig. 9, map), 417; 70:182, 184; *atrofusca* 65:211, 214; 67:382; *aurea* 53:9; 55:133; 64:169, 177; 70:210; *austrina* 62:239; 63:20; *austro-caroliniana* 75:380; *backii* 53:12; 55:53, 81, 131; 56:22; 64:169, 174; *baileyi* 64:169, 176; 75:251, 254; *barrattii* 64:169, 177; 75:251, 253; *bayardi* 72:136; *bebbii* 53:5; 64:169, 177; 68:451; *bicknellii* 64:169, 176; *bicolor* 67:381; *bigelowii* 64:169, 175; 67:380; 74:367, 370, 372-375; 75:156; *biltmoreana* 75:249, 252-253; *bipartita* var. *amphigena* 53:9; 54:203; *blanda* 52:55; 62:240; 64:169, 175; 72:340, 346; 75:250; *boliviensis* 67:134, 137; *bonplandii* 67:134-135; *brachyglossa* 57:321; *brevior* 51:110; 57:156; 59:34-35; 64:169, 175; 75:249-250, 253; *bromoides* 54:170; 56:246; 64:169, 174; 75:250, 254; *brunnea* 64:169, 179; *brunnescens* 55:128; 64:169, 175, 343, 345; 65:338; 67:402; 75:249, 253; var. *brunnescens* 65:338; var. *sphaerostachya* 64:169, 174; 65:89, 338; 71:520; 72:512; 75:315; *bullata* 64:169, 176; 74:323; 75:251, 253; *bushii* 64:169, 176; 69:378; 75:250, 253; *buxbaumii* 53:5; 55:133; 57:312; 62:142; 64:169, 174; 74:390; 75:249, 254, 255 (fig. 1, map); f. *dilutior* 57:312; f. *heterostachya* 57:312; *camposii* 74:323; *canescens* 53:157; 55:127; 64:169, 174; 66:154; 74:323; 75:249, 254; var. *canescens* 64:345; 65:89; 66:144; 71:519; 72:47; var. *disjuncta* 53:19; 64:169, 173; 65:89; 66:144; 72:512; 75:315; var. *loliacea* 55:128; var. *subloliacea* 55:47, 128; 58:52; 64:169, 173; 65:89; 66:144; 72:512; 75:315; *capillaris* 64:169, 175; 67:382; 68:412 (fig. 4, map), 415-416; 74:390; var. *capillaris* 57:306; var. *major* 53:9, 267; 54:225; 57:306; 64:169, 176; 68:412 (fig. 4, map), 416; 70:180; *capitata* 64:169, 175; 67:379, 381; 75:155; *careyana* 75:250, 253; *caroliniana* 54:251; 63:20; 75:250; *caryophyllea* 64:169, 179; *castanea* 54:225; 55:134; 64:169, 176; 67:373; *cephalantha* 51:110; 55:47, 128; 58:246; 64:169, 173; 65:89; 67:361; 72:512; 75:315; *cephaloidea* 64:169, 177; *cephalophora* 51:110; 60:70; 64:169, 175; 75:250; *chalciolepis* 70:421; *chapmanii* 54:171; 75:249, 252-253; *cherokeeensis* 75:249, 251, 253; *chordorrhiza* 53:17, 33; 58:52, 59; 64:169, 177; 67:379, 381; *cladostachya* var. *maxima* 67:134-135; *collinsii* 64:169, 177; 75:251, 253; *communis* 53:10, 19;

- 55:131; 57:157; 64:169, 174; 52:512; 75:250, 253, 380; **f. gynandra** 68:451; var. *gynandra* 68:451; var. *wheeleri* 57:157; *comosa* 51:110; 57:306; 59:263; 64:170, 175; 71:23; 75:250, 253; *complanata* 54:251; 73:111; 74:322 (fig. 4), 323, 327; 75:250; *concinna* 53:7; 70:210; *conjuncta* 75:250, 253; *conoidea* 54:163, 225; 64:170, 174; 72:513; 75:316; *convoluta* 57:302; 64:170, 174; 72:2, 7; \times *copulata* 64:170, 177; *crawei* 64:170, 176; 75:381; *crawfordii* 53:10; 55:47, 128; 64:170, 175; 72:16; *crebriflora* 75:251; *crinita* 55:133; 64:170, 173; 67:343; 73:256; 74:326; 75:250; var. *brevicrinis* 64:170, 177; var. *crinita* 65:89; 66:145; 71:520; var. *gynandra* 64:170, 173; 66:145; var. *minor* 64:170, 174; var. *porteri* 64:170, 177-178; var. *simulans* 64:170, 174; *cristatella* 54:171; 64:170, 176; 75:250, 253; *crus-corvi* 75:251, 253; *cryptolepis* 55:134; *cumulata* 64:170, 175; 72:512; *cusickii* 58:279; *dasycarpa* 75:381; *davisii* 64:170, 176; 74:390; \times *deamii* 60:174; *debilis* 57:312, 319; 63:20; 64:170, 177-178; 67:373, 402; 75:250; var. *interjecta* 64:170, 177-178; var. *rudgei* 51:110; 53:5; 64:170, 173; 65:89; 72:340, 513; 74:321, 322 (fig. 10), 323; var. *strictior* 64:170, 177-178; *decidua* var. *brehmeri* 67:134, 136; *decomposita* 51:117; 55:15; 59:127; 63:20; 75:251, 253; *deflexa* 54:225; 55:53, 81, 132; 64:170, 175; 71:299-300, 302; 72:513; var. *deanei* 53:33; *demissa* 64:170, 174; *deweyana* 51:110; 53:11; 55:128; 64:170, 174; 65:76; 72:512; *diandra* 53:157; 62:142; 64:170, 177; var. *ramosa* 53:267; *digitalis* 63:20; 64:170, 175; 75:250; var. *macropoda* 57:312; *disperma* 55:46, 127; 64:170, 174; 65:89; 73:105; *distans* 53:92; *divisa* 54:171; 75:252; *eburnea* 52:53; 64:170, 176; 75:250, 253; *echinata* 66:144; var. *cephalantha* 51:110; var. *microstachys* 51:110; *elachycarpa* 64:170, 176; 74:329; *eleocharis* 60:115; 64:355; *emmonsii* 62:239; 63:21; 64:170, 175, 357; 65:77, 89; 66:144; 67:402; 71:299-300; 72:340, 513; 74:321, 322 (figs. 7-8), 323; 75:250, 253; *epapillosa* 70:421; *exilis* 51:110; 52:259; 64:170, 177-178; 72:8, 512; *extensa* 53:92; 75:249, 252; *fecunda* 67:134, 137; *festucacea* 59:34; 64:170, 176; 75:250; *filifolia* 52:55; 64:118-119; *filiformis* 55:134; var. *latifolia* 51:110; *fissa* 67:198-199; var. *aristata* 67:198-199; var. *fissa* 67:199; *flacca* 74:324; *flaccosperma* 56:158; 75:251; var. *glaucoidea* 64:170, 176; *flava* 53:10; 64:170, 174; 72:513; 73:105; 74:324; var. *fertilis* 55:134; 64:170, 174; var. *gaspensis* 53:10, 16; 64:170, 176; *foenea* 52:259; 55:129; 63:41; 64:170, 175; var. *tuberculata* 70:419; *folliculata* 64:170, 175; 67:376, 402; 72:513; 75:250, 254; *formosa* 64:170, 176; *frankii* 75:250; *fraseri* 74:323; \times *fulleri* 58:319 (fig. 1), 320; *garberi* 63:41; var. *bifaria* 53:16; 64:170, 176; *gigantea* 75:251, 253; *glareosa* 54:203; *glaucescens* 71:31; 75:251, 253; *goodenoughii* 62:261; *goodenowii* var. *stolonifera* 67:136; *gracilescens* 64:170, 176; 75:250; *gracillima* 53:9, 20; 55:134; 64:170, 174; 67:373; 74:390; 75:251; *granularis* 56:159; 64:170, 176; 75:250; var. *haleana* 64:170, 177; *grayii* 51:167; 59:127; 64:170, 176; 75:251, 253; var. *hispidula* 59:126; 64:170, 177-178; *grisea* 59:8; 75:250; *gynocrates* 53:50; 64:170, 174; *haleana* 56:159, 228; 63:41; *halleri* 55:133; *hallii* 63:41; \times *hartii* 64:170, 177-178; *hartmani* 61:32; *haydenii* 64:170, 174; *heleonastes* 58:322; *heteroneura* 58:279-280; 70:421; var. *brevisquama* 70:421; var. *chalciolepis* 70:421; var. *epapillosa* 70:421; *hirsutella* 60:318; 64:170, 176; *hirta* 64:170, 179; 74:324; *hirtifolia* 64:170, 177; *hitchcockiana* 64:170, 176; 75:251, 253; *hormathodes* 53:14; 64:170, 177, 345; 65:89; 71:520, 564; 72:512; 75:315; **f. invisata** 72:512; \times *straminea* 64:170; *houghtoniana* 55:47, 133; 68:451; *houghtonii* 55:133; 64:171, 174; 67:374, 386, 389; 68:451-452; 72:513; *howei* 64:171, 175; 67:361; 75:250, 253; *hyalinolepis* 75:251, 253; *hymenocarpa* 58:68; *hystericina* 68:452; *hystericina* 53:5, 10, 267; 55:135; 64:171, 174; 68:452; 74:149; 75:250, 253; **f. dudleyi** 59:7; *illota* 58:280; *incomperta* 64:171, 175; 67:361-362; *inflata* var. *utriculata* 55:135; *interior* 64:171, 174; 67:361; 75:250, 253; *intumescens* 51:167; 59:127; 64:171, 173; 65:23; 67:373, 402; 70:179; 72:339, 347; 73:51-52; 75:250, 252; var. *fernaldii* 55:135; 64:171, 175; 65:89; 72:513; 73:51-52; var. *intumescens* 73:51; *jacobi-peteri* 71:505-506; 72:488; *jamesii* 56:22; 71:303; 75:250, 254; *jamesonii* var. *subfulva* 67:134, 137; *joori* 52:259; 53:130; 54:171; 75:251,

- 253; *josselynii* 53:8; 64:171, 176; *katahdinensis* 54:163-164; 64:171, 175; *kelloggii* 58:280; \times *knieskernii* 64:171, 177-178; *kobomugi* 75:252; *krausei* subsp. *krausei* 65:214; *lacustris* 64:171, 174; 67:377; 74:390; *laeviconica* 54:252; 58:318, 320; \times *pennsylvanica* 58:320; *laevirostris* 58:65, 68; *laevivaginata* 64:171, 175; 75:250; *lagopodioides* 68:451; *lanuginosa* 51:110; 64:171, 177; 68:452; *lasiocarpa* 74:390; 75:249, 254, 255 (fig. 1, map); var. *americana* 53:19; 55:134; 58:322; 64:171, 173; var. *latifolia* 68:452; *latebracteata* 56:23; 72:503; *laxiculmis* 64:171, 175; 72:2; 75:251; *laxiflora* 52:55; 60:318; 64:171, 175; 72:2, 9, 513; 75:250; var. *blanda* 72:9; var. *serrulata* 60:318; *leavenworthii* 75:250; *lenticularis* 55:133; 64:171, 174; var. *albi-montana* 64:171, 175; var. *blakei* 64:171, 174; *lepidocarpa* 53:6; *leporina* 64:171, 179; *leporinella* 58:279-280; *leptalea* 54:254; 55:131; 58:246, 322; 64:171, 173; 65:89; 72:512; 75:250, 254, 316; subsp. *harperi* 68:452; var. *harperi* 68:452; *leptonervia* 55:134; 64:171, 174; 72:9, 513; 75:251, 253; *leptopoda* 58:278; *limnophila* 58:279-280; *limosa* 53:160; 55:133; 58:59, 322; 64:171, 173-174; 65:89; 70:206; 74:390; *livida* 55:134; 71:505-506; var. *grayana* 53:6, 15, 267; 64:171, 177-178; 68:452; var. *radicaulis* 68:452; var. *rufinaeformis* 69:452; var. *rufiniformis* 69:452; *longii* 62:338-339; 64:171, 176; 71:23; 72:136; *louisianica* 54:171; 59:126; 75:251, 253; *lugens* 65:211, 214; *lupuliformis* 64:171, 176; 75:250, 253; *lupulina* 64:171, 175; 73:51; 75:250; var. *pedunculata* 64:171, 175; *lurida* 60:206; 64:171, 175; 71:31; 72:513; 73:256; 75:249-250; var. *gracilis* 53:267; *luzulina* 70:420; var. *ablata* 70:420; *mackenziei* 54:202; 57:306; 64:171, 177; 65:89; 72:512; *macloviana* 61:32; *magellanica* 58:52; *mainensis* 64:171, 175; *mandoniana* 67:135; *maritima* 54:202; 70:206, 209, 211; *meadii* 58:318; *media* 53:157; 55:53-54, 133; var. *steveni* 55:133; *melanostachya* 74:379; *membranacea* 58:55-56, 60; 65:214; \times *rotundata* 58:69; *merritt-fernaldii* 51:10; 55:128; 64:171, 175; *mesochorea* 64:171, 177-178; *michauxiana* 55:135; 64:171, 174; 70:206-208; *microchaeta* 55:248-249; *microdonta* 75:381; *microglochis* 67:379, 381; 74:322 (fig. 14), 329-330; *microptera* 58:279-280; var. *crassinervia* 70:420; *miliaris* 58:279; *misandra* 54:278; 71:508; f. *flavida* 54:278; f. *ochrolochin* 54:278; *mitchelliana* 64:171, 176; *mohrii* 67:361; *molesta* 59:33-36; 63:41; 64-171, 177-178; *monile* 51:110; *muhlenbergii* 51:10; 58:318; 64:171, 175; 75:250; var. *enervis* 64:171, 175; *multicostata* 72:497; *muricata* 67:361; 75:249, 253; *muskingumensis* 59:126; *nebularum* 67:134; *nesophila* 55:249; 71:508; *neurophora* 58:280; *nigra* 64:171, 177; var. *nigra* 65:89; 66:145; 72:513; var. *strictiformis* 64:171, 177; 65:89; 66:145; 72:513; *nigricans* 72:500; *nigromarginata* 64:171, 176, 357; 75:250; var. *floridana* 52:259; *normalis* 58:318; 59:34-35; 60:70; 64:171, 175; 75:251; *norvegica* 54:202; 55:133; *novae-angliae* 58:246; 64:171, 175; 72:513; 75:316; *obesa* var. *minor* 55:81, 131; *obtusata* 52:55; *oederi* 74:324; var. *pumila* 55:134; *oedipostyla* 74:328; *oligocarpa* 59:127; 64:171, 176; 75:250, 254; *oligosperma* 52:47; 58:247, 322; 64:171, 175; 70:206; 73:256; \times *olneyi* 64:171, 177-178; *ormantha* 67:361; *ormostachya* 55:82, 134; 64:171, 175; 72:513; *oronensis* 64:171, 177-178; *ovata* 54:249; *oxylepis* 56:159; 59:126; 63:20; 75:251, 253; var. *pubescens* 62:239-240; *paleacea* 64:171, 177, 345; 65:89; 71:520; 72:513; 75:316; var. *erectiuscula* 72:513; *pallescens* 51:110; 74:322 (figs. 6, 9), 323-325; 75:249, 253; var. *glaberrima* 74:325; var. *neogaea* 51:110; 53:20; 56:39, 41; 58:246; 60:70; 64:171, 173; 71:300; 72:513; 74:325; 75:316; ***paludivagans*** 58:53-54, 56, 57 (fig. 1), 58, 60 (fig. 2), 63-66, 68-69; *panicea* 64:171, 179; 72:513; *parryana* 63:41; 70:420-421; var. *brevisquama* 70:420-421; *pauciflora* 55:135; 64:171, 175; 65:89; 70:206; 72:513; *paupercula* 55:133; 58:322; 64:171, 174; 70:207; var. *irrigua* 64:171, 174; 65:89; 72:513; 75:316; var. *pallens* 55:47, 133; 64:172, 175; *peckii* 55:132; 63:41; 64:172, 174; *pedunculata* 55:133; 57:306; 64:172, 174; 75:249, 253; *pennsylvanica* 57:157; 58:318, 320; 60:70; 64:18, 172, 175; 74:321, 323; 75:249; f. *androgyna* 68:451; var. *digyna* 60:115; var. *distans* 64:172, 175; *phaeocephala* 72:498; *phalaroides* 67:134, 138; var. *moesta* 67:138; *phyllo-*

manica 67:361; physocarpa 58:56, 68-69, 279; 65:214; physorhyncha 62:239; 63:20; 64:357; 75:250; pichinchensis 67:134, 136; var. obtusisquamea 67:137; picta 60:175; pinetorum 67:134-135; plantaginea 53:267; 64:172, 177; 73:462; 75:167, 251, 253; platyphylla 64:172, 175; 75:251; podocarpa 55:248; polymorpha 64:172, 176; 75:249, 251, 253; potosina 70:419; praeceptorum 58:279; praegracilis 60:115; 64:355; prairea 53:267; 63:41; 64:172, 177; 72:8; prasina 64:172, 175; 75:251, 254; pratensis 55:131; praticola 53:12; 55:53, 131; 64:172, 177-178; projecta 53:5; 55:128; 61:294-295; 62:338; 64:172, 174; pseudo-cyperus 62:172, 175; 74:324; var. americana 51:110; \times pseudo-helvola 64:172, 177-178; pyrenaica subsp. micropoda 71:505; radiata 64:172, 175; 72:8; ramenskii 71:508; rariflora 51:8; 53:19; 64:172, 175; 65:214; 67:382; 71:508; raymondii 54:246, 248 (fig. 1, map), 249; reniformis 75:251, 253; retroflexa 56:159; 64:172, 176; 75:250; retrorsa 55:135; 64:172, 175; var. robinsonii 55:135; rhyndophysa 58:65-66, 68; richardsonii 63:41; 64:172, 177-178; rigida 62:261; rosea 53:10; 56:159; 57:302, 306; 64:172, 177; 72:8, 281; 75:250; var. texensis 56:159; rossii 55:82, 132; rostrata 58:51-53, 55-56, 57 (fig. 1), 58-59, 60 (fig. 2), 63-66, 68-69, 71, 322; 64:172-173; 70:206; 72:513; 73:256; 75:249, 253; var. ambigens 64:172, 177-178; var. rostrata 65:89; 66:145; var. utriculata 55:48, 135; 64:172-173; 65:89; 66:145; 73:256; \times membranacea 58:69; \times rotundata 58:51, 53, 68; rotundata 58:51-53, 55-56, 57 (fig. 1), 58-59, 60 (fig. 2), 64-66, 68-69; rugosperma 55:132; var. tonsa 68:453; rupestris 64:118-119; 67:381; rusbyi 70:419; ruthii 67:361; salina 58:246; 75:56; var. kattegatensis 64:172, 177; \times stricta 64:172, 177-178; saltuensis 55:134; saxatilis 58:56, 68-69; var. miliaris 64:172, 175; var. rhomalea 64:172, 175; saximontana 56:22-23; scabrata 64:172, 174; 72:2, 8; 75:251, 254; schweinitzii 64:172, 176; scirpoidea 53:7; 56:246; 64:172, 174; 65:214; 67:382; 68:411 (fig. 3, map), 416; scoparia 55:54, 128; 60:70; 64:172, 175, 345; 65:89; 68:451; 71:520; 74:321, 322 (fig. 5), 323; 75:250; var. scoparia 72:512; var. tessellata 64:172, 177-178; seorsa 64:172, 176;

72:339, 346; 75:251, 254; \times setacea 64:172, 177-178; shortiana 60:174; 75:251, 253; siccata 51:110; silicea 53:19; 64:172, 177, 343, 345; 71:520; sp. 72:79, 499; sparganioides 54:171; 57:321; 64:172, 177; 75:250, 254; spicata 54:225; 60:65; 64:172, 179; 75:252; sprengelii 58:318; 64:172, 177; 74:326; squarrosa 60:174; 63:146; 64:172, 176; 74:148; 75:251; stans 65:214; stenochlaena 70:106; stenophylla 60:115; var. enervis 60:115; 64:355; stenoptila 58:280; sterilis 64:172, 177-178; 67:361; stipata 55:127; 58:279; 64:172-173; 65:89; 72:512; 74:390; 75:250, 315; var. oklahomensis 63:146; straminea 51:110; 54:252; 55:15; 64:172, 176; var. brevior 51:110; straminiformis 72:497; striatula 56:159; 62:240; 63:20; 64:172, 176; 75:250; stricta 52:293; 55:133; 64:172-173; 75:250; var. stricta 72:513; var. strictior 57:312; 64:172, 174; styloflexa 63:20; 64:172; 71:31; 75:250; stylosa 71:505; suberecta 75:251, 253; subfusca 72:498; substricta 55:133; 58:280; 63:42; supina 55:53, 81, 131; swanii 51:110; 57:319; 60:70; 63:20; 64:172, 175; 72:340; 74:321; 75:251, 254; tenax 75:381; tenera 51:110; 59:34; 60:70; 64:172-174; 72:512; 75:251; var. echinodes 64:172, 177-178; tenuiflora 53:10, 50; 55:44, 127; 58:52; 64:172, 174; terrae-novae 67:381; tetanica 64:172, 176; 75:249, 251, 253; texensis 63:20; tinctoria 59:34; 64:172, 175; tolmiei 58:280; tonsa 54:225; 55:132; 64:172, 175; 74:322 (fig. 3), 323; torreyi 63:42; torta 56:227; 57:319; 63:20; 64:173-174; 75:251, 254; tribuloides 55:128; 61:294-295; 62:338; 64:173-174; 75:250, 315; var. bebbii 68:451; \times trichina 64:173, 177-178; trichocarpa 51:120; 54:252, 254, 259; 64:173, 176; 75:249, 251, 253; trisperma 55:127; 56:273; 64:173; 65:89; 67:402; 70:207; 75:251, 253, 315; var. billingsii 64:173; 72:512; var. trisperma 72:512; tuckermanii 56:246; 57:306; 64:173, 177; 71:564; turgida 59:8; typhina 60:174; 64:173, 176; 75:250, 253; umbellata 51:110; 55:132; 56:246; 57:311; 64:173, 175, 357; 72:513; 75:250, 253; var. tonsa 68:453; vaginata 53:7, 50; 55:47, 134; 64:173, 176; 73:105; vahlii var. inferalpina 55:133; var. typica 55:133; validior 75:381; vallicola 55:237; 70:419; var. rusbyi 70:419; varia 71:564; venusta 75:251, 253;

- verrucosa 54:172; vesicaria 55:135; 64:173-174; 74:390; var. distenta 64:173, 177-178; var. jejuna 64:173-174; var. monile 51:110; 64:173-174; var. raeana 64:173-174; vestita 64:173, 175; 72:8; 75:251, 253; vexans 57:156; 62:338-339; virescens 51:110; 60:206; 64:173, 175; 75:251, 254; viridula 53:20; 55:134; 64:173, 177-178; 65:89; 72:513; 75:316; vulpinoidea 64:173; 75:250; walteriana 75:251, 253; var. brevis 64:173, 176; wiegandii 64:173-174; 67:361; willdenowii 56:22; 64:173, 177-178; 74:325; 75:250, 254; woodii 64:173, 177-178; 75:249, 251, 253; xerantica 55:46, 53, 81, 129
 Carica 69:427, 451; papaya 57:287; 69:391, 427
 Caricaceae 69:427
 Carimgola 75:427-428
 Carimgolo 75:427, 431
 Carissa macrocarpa 67:346
 Carlina 51:33-34; vulgaris 51:33-34, pl. 1120
 Carphophorus 70:474-477, 480-482; bellidifolius 60:121; 64:92; 70:477-478, 483; carnosus 60:120-121; 70:477-479, 483; corymbosus 58:276; 60:118, 121; 70:431, 477-478, 483; odoratissimus 70:483; paniculatus 70:483; pseudo-liatris 60:118, 121; 66:380; 70:474, 477-479, 483; 71:34; tomentosus 60:121; 64:92; 70:477-478, 481, 483
 Carpinus caroliniana 63:65; 69:458; 71:198; var. virginiana 58:128, 132
 Carpolobia lutea 64:104
 Carterothamnus 69:45-46; 72:100, 103-104; anomalochaeta 69:43 (fig. 11, map), 44-46, 47 (pl. 1341)
 Carum carvi 55:47, 178; 57:320; 64:346; 65:93; 67:196; 71:522; 72:522; 75:319
 Carya 51:46, 150; 52:275; 75:36; alba 52:189; 75:38; aquatica 52:189, 195; borealis 51:89; buckleyi 52:189, 196; 69:331; var. arkansana f. glabra 62:130; cordiformis 52:189-190, 195; 58:127, 133; 73:491; 75:34, 36, 38, 41 (map 2), 48 (map 6); glabra 51:86, 88, 150-152; 52:188, 190-195; 58:127, 132; 60:67; 72:2; 73:491; 75:34, 36-37, 44, 46, 47 (map 4), 49 (map 8); var. hirsuta 52:189, 192, 194-195, 197-198; var. megacarpa 52:198; var. odorata 75:34; var. villosa 52:189, 197; illinoensis 52:189, 195; 63:296; illinoisensis 63:296; illinoisensis 63:296; laciniosa 52:190, 195, 198; microcarpa 51:89; 52:188-189; odorata 52:192; var. villosa 52:192; ovalis 51:85-86, 88-89, 150-152; 52:188-189, 191-195; 58:127, 132; 60:206; 66:312; 72:2; 75:34, 36-37, 42, 44, 46, 47 (map 4), 49 (map 8); var. borealis 51:89; var. hirsuta 52:195; 58:127; var. mollis 52:189, 194, 197-198; var. obcordata 51:152; 52:198; 58:127; var. obovalis 51:150, 152; 52:198; 58:127; var. odorata 51:87-88, 152; 52:198; var. typica 52:197; ovata 51:86, 88-89; 52:160, 189, 191, 195, 197; 54:132, 134; 58:127, 132; 59:8; 65:77; 70:452; 75:34, 36, 40, 42, 45 (map 3), 49 (map 7); f. ellipsoidalis 62:130; f. fraxinifolia 62:130; f. nuttallii 62:130; var. borealis 51:89; 52:197; var. complanata 52:197; var. ellipsoidalis 52:197; 62:130; var. fraxinifolia 52:197; 62:130; var. nuttallii 51:89; 52:197; 58:127; 59:7-8; 62:130; var. pubescens 52:197; 58:127; pallida 52:189, 193, 195, 197; 69:54; 73:491; texana 52:189, 196; 60:206; var. texana f. glabra 62:130; var. villosa 52:189; tomentosa 52:189, 193-195, 199; 54:132; 58:127, 133; 60:67, 206; 63:348; 72:2; 73:491, 500, 503, 505; 75:34, 37, 39 (map 1), 48 (map 5); var. ficoides 52:199
 Caryocar 70:335; gracile 65:14; 70:335
 Caryocaraceae 65:14
 Caryophyllaceae 52:233, 294; 55:147; 62:108, 112; 63:211; 67:330; 71:515; 75:243, 317; subfam. Silenoideae 52:233-234
 Caryophyllidae 70:425, 427
 Caryota sp. 70:414
 Casearia 69:427; bicolor 67:341; decandra 69:427; guianensis 69:427; sylvestris 69:427
 Cashalia cuscatlanica 70:515, 517
 Caspareopsis monandra 69:410
 Cassandra 67:410; calyculata 62:262; 65:93; var. angustifolia 72:523; 75:320
 Cassia 69:410; aeschynomene 67:332; alata 67:332; 69:410; antillana 67:332; 69:410; bacillaris 69:410; bicapsularis 51:207; 67:331; 69:410; corymbosa 52:180-182; deeringiana 75:390; diffusa 67:332; diphylla 67:332; emarginata 67:331; enneryana 62:236; exunguis 67:333; fasciculata 73:493; 75:136; fistula 69:410; fitchiana 62:236; froidensis 62:236; fruticosa 67:332; glandulosa var. swartzii 67:332; 69:410; grammica 67:332; grandis 69:411; granulata 67:332; haitiensis 62:236; hirsuta

- 67:332; *inaguensis* 66:6; *javanica* 67:332; *laevigata* 67:332; *leonardae* 62:236; *mirabilis* 67:332; *multijuga* 51:207; *nictitans* 57:267; 66:379; 73:493, 504, 506; 75:158; *nodosa* 67:332; *obovata* 67:332; *obtusifolia* 67:332; 69:411; *occidentalis* 67:332; 69:411; *patellaria* 67:332; *peragua* 52:182; *polyphylla* 67:332; *portoricensis* 67:332; *roemeriana* 52:20; *rotundifolia* 67:333; *stahlii* 67:332; *tora* 51:21; 57:285
- Cassine* 69:421; *corymbosum* 52:180; *ramulosa* 53:278; *xylocarpa* 67:338; 69:421
- Cassiope* 59:291; *ericoides* 62:262; *hypnoides* 55:295; 67:380; *mertensiana* 70:110; *tetragona* 54:40, 55, 283; 55:248, 251; 62:262; 65:220; 70:103, 105, 108-110
- Cassipourea alba* 67:343; *guianensis* 67:343
- Cassytha* 69:406; *filiformis* 57:279, 285; 69:406
- Cassythaceae* 67:330
- Castalia amazonum* 67:330; *ampla* 67:330; 69:405; *jamesoniana* 67:330; 69:373; *odorata* 67:330; *pulchella* 67:330; *rudgeana* 67:330; *zanzibarensis* 69:405
- Castanea crenata* 73:213; *dentata* 54:64; 58:128, 132; 60:71; 62:194; 63:65; 71:561; 72:12, 280; *pumila* 58:128, 130
- Castela erecta* 67:336
- Castelaria nicholsoni* 67:336
- Castilleja coccinea* f. *lutescens* 56:41; *indivisa* 52:39; *pallida* 65:221; subsp. *caudata* 53:159; 65:221; subsp. *mexiae* 55:251; subsp. *pallida* 65:221; subsp. *typica* 65:221; *parviflora* var. *oreopola* 72:499; *purpurea* f. *corallina* 56:161; f. *purpurea* 56:161; *septentrionalis* 53:9; 55:77, 189; 67:381
- Casuarina* 69:400; *cunninghamiana* 57:276, 285; *equisetifolia* 57:276, 279, 281, 285; 69:394, 400; 73:48
- Casuarinaceae* 69:400; 73:48
- Catabrosa aquatica* var. *laurentiana* 53:15
- Catalpa bignonioides* 52:297; 60:65; 65:75; *longissima* 67:352; *speciosa* 65:75
- Catharanthus* 69:434; *roseus* 69:434
- Cathartolinum bahamense* 70:440; *bracei* 70:440; *corallicola* 70:440; *lignosum* 70:440
- Catillaria* 56:108, 112-114; sect. *Biatorina* 56:114; sect. *Biatorina* 56:114; sect. *Hypocaulon* 56:112-113, 116, 151; *columnatula* 56:110, 114, 115 (fig. 2), 152; *corymbosa* 56:116, 117 (fig. 3), 119, 152
- Catillariales* 56:108
- Catopsis floribunda* 67:323; *gracilis* 71:223; *nutans* 67:323
- Caulophyllum thalictroides* 55:156; 62:111, 113; 73:462
- Cayaponia* 69:446; *americana* 69:446; *racemosa* 69:446
- Ceanothus americanus* 55:174; 70:452; 71:32; 73:494, 501, 508, 510, 512, 514; *fendleri* 73:375; *microphyllus* 56:256; 66:379; *ovatus* 55:225
- Cecropia* 69:401; *peltata* 69:393, 401
- Cedrela* 69:417; *discolor* 74:125; *mexicana* 69:374, 417; *oaxacensis* 74:124-126; *odorata* 69:374, 417; 75:417; *poblensis* 74:126; *salvadorensis* 74:124, 126; *saxatilis* 74:126; *tonduzii* 74:124, 126
- Cedrus* 68:516; *atlantica* 68:517 (pl. 1337); *libanensis* 54:68
- Ceiba* 69:425; *pentandra* 65:366; 69:425; 73:49
- Celastraceae* 52:295; 55:172; 67:338; 69:421; 75:418
- Celastrus orbiculatus* 56:228; 72:344, 521; var. *papillosus* 73:213; *scandens* 52:295; 55:172; 60:68
- Celosia* 69:403; *argentea* 69:403; var. *cristata* 60:301, 305; *cristata* 69:403; *nitida* 69:403
- Celtis* 69:400; *iguanaea* 67:327; 69:400; *occidentalis* 58:129, 133; 62:200; var. *canina* 58:129, 133; var. *pumila* 58:129, 133; *reticulata* 56:208; *tenuifolia* 64:333; *trinerva* 69:400
- Cenchropsis myosuroides* 67:319
- Cenchrus* 68:105, 341; *albertsonii* 56:35; *barbatus* 58:44; *brownii* 67:319; *carolinianus* 67:319; *echinatus* 57:283; 68:342; *gracillimus* 75:412; *incertus* 51:127; 56:35; 57:283; 66:11; 67:319; *longispinus* 51:8; 52:166; 56:35; *myosuroides* 51:126; 67:319; 68:342; *pauciflorus* 51:8; 52:166; 56:35; 57:279, 282-283; 68:342-343; *viridis* 67:319; 68:342
- Cenomyce borbonica* 52:115; *ecmocyna* 54:261-262; *furcata* δ *hamata* 56:267; *gracilis* var. *chordalis* 54:262-263; var. *elongata* 54:262-264; *rangiferinus* 54:276; *scabriuscula* 52:93
- Centaurea* sect. *Acrolophus* 74:334; sect. *Calcitrapa* 74:334; sect. *Cyanus* 74:337; sect. *Lopholoma* 74:337; sect. *Mesocentron* 74:333; *americana* 74:337, 344; *austriaca* 69:379-380; 74:336, 340-341; *calci-*

- trapa* 74:334, 338-339, 345; *calci-*
trapoides 74:338; *cineraria* 74:337,
 344; *consimilis* 74:340; *cyanus* 74:
 337, 344-345; var. *denudata* 74:344;
diffusa 55:228, 237; 74:335, 340, 345;
diluta 74:332-334, 339; *dubia* 56:41;
 74:337, 343, 345; subsp. *eu-dubia*
 74:343; *eriophora* 74:332; *iberica*
 74:334, 338; *jacea* 67:197; 74:335,
 340-342, 345; var. *nigra* 74:340;
 var. *transalpina* 74:343; *macroce-*
phala 74:337, 343; *maculata* 55:237;
maculosa 63:45; 74:335, 339-340,
 345, 394; subsp. *maculosa* 74:339;
 subsp. *micranthos* 74:339; subsp.
rhenana 74:339; *melitensis* 74:333,
 338; *montana* 59:6; 71:174; 72:500;
 74:337, 344; *moschata* 74:337, 344;
muricata 74:334, 339; *nervosa* 74:
 332, 336, 340-341; *nigra* 52:53; 69:
 380; 74:336, 340-342, 345; f. *pallens*
 74:342; var. *radiata* 67:197; *nigres-*
cens 74:337, 342-343, 345; var.
dubia 74:343; *paniculata* 74:335,
 339-340; *phrygia* subsp. *austriaca*
 74:341; *picris* 74:344; \times *pratensis*
 74:336, 340-342, 345; *repens* 61:78;
 74:337, 344-345; *rothrockii* 74:337,
 344; *salmantica* 74:333-334, 339;
scabiosa 74:337, 344; *sicula* 74:338;
solstitialis 52:163; 56:162; 74:150,
 334, 338, 345; *squarrosa* 74:340;
stoebe 74:339; *sulphurea* 74:334,
 338; *transalpina* 74:342-343; *virgata*
 var. *squarrosa* 74:335, 340; *vochi-*
nensis 57:268; 74:342
Centaurella 61:48; *aestivalis* 61:43-44,
 57; *autumnalis* 61:44, 49; β *brachy-*
sepala 61:44, 49; *moseri* 61:44, 49,
 52; *paniculata* 61:43-44, 52; *verna*
 61:43-44, 55-56; *vernalis* 61:43, 55;
 β *uniflora* 61:43, 55
Centaureum 57:4; 61:48; 72:551; *au-*
tumnale 61:43-44, 53; *brittonii* 66:
 13; *pulchellum* 57:103; *texense* 56:
 160; *umbellatum* 57:103; 60:21;
vernum 61:55
Centella *asiatica* 67:344; 71:33; *erecta*
 66:379; 67:344; *repanda* 66:380
Centradenia 69:173-174
Centratherum *punctatum* 72:94, 97
Centrocarpa *grandiflora* 59:298
Centrogenium *setaceum* 67:325
Centrosema 69:412; *coriaceum* 63:17
 (fig. 2), 18-19; *plumieri* 67:334;
pubescens 67:334; *virginianum* 57:
 285; 64:151, 157 (fig. 16); 67:334;
 69:412; 73:111, 493
Centrostachys *aspera* 67:329; 69:402;
indica 67:329; 69:402
Centunculus *minimus* 56:97-98; 74:
 384; *pentander* 73:159
Cephalanthus 72:9; *occidentalis* 62:
 200; 63:30; 71:33, 173; 73:260; var.
pubescens 55:15
Cephalocereus *nobilis* 69:374; *royenii*
 67:341; 69:428
Cephalosporium sp. 73:308
Cephalozia *ambigua* 72:493; *bicuspi-*
data 53:120; 58:248; 72:494; *cate-*
nulata 59:26, 254-255, 258; *connivens*
 58:248; *leucantha* 58:248; 60:218;
macrostachya 59:253-255; *media*
 53:120; *pleniceps* 59:26; *spinigera*
 60:219; *subdentata* 60:219
 Cephaloziaceae 53:120
Cephaloziella *arctica* 60:223; *byssacea*
 var. *scabra* 59:254; *hempeana* 58:
 248; *spinigera* 60:219; *striatula* 64:
 124; *subdentata* 64:124
 Ceramiaceae 71:136; 72:220; 74:269;
 75:274, 276
 Ceramiales 71:136, 528; 72:220; 73:
 284
Ceramium 75:535, 566; *areschougii*
 71:116-117, 131, 136; *daviesii* 75:
 81, 550; *deslongchampsii* var. *hoop-*
eri 72:117, 202, 222, 236, 323, 333;
diaphanum 72:222, 230; 73:284; 74:
 480; 75:276; *elegans* 71:136; 72:
 325; *fastigiatum* 73:284; 74:480;
 75:276; *rubrifforme* 71:136; 72:201,
 222, 236, 323, 333; 73:285; 74:480;
 75:277; *rubrum* 66:221 (pl. 1299),
 225, 227; 71:117, 124, 528; 72:117,
 200, 222, 231, 233, 236, 323, 333;
 73:284; 74:269, 422, 480; 75:277;
 var. *pedicellatum* 71:136; *secunda-*
tum 75:94, 575; *strictum* 71:527-
 528; 72:200, 222-223, 233, 236; 74:
 422; 75:278; *violaceum* 75:537
Cerastium *alpinum* 53:227; 54:49, 51,
 54, 216, 278, 283; *arvense* 62:108,
 113; 63:43; 71:521; 72:517; 74:519-
 520; var. *viscidulum* 58:247; *beer-*
ingianum 52:286; 53:227; 54:41;
 55:53, 82, 148; 65:216; 67:381; var.
grandiflorum 53:227; *brachypodium*
 59:8; *fischerianum* 53:227; *glom-*
eratum 74:381; *longepedunculatum*
 69:452; *longipedunculatum* 69:452;
maureri 74:520; *nutans* 55:148; 62:
 108, 112, 115; *rigoi* 74:520; *scam-*
maniae 53:227; 71:161; *scopulorum*
 63:43; *semidecandrum* 62:108, 115;
tomentosum 72:517; 74:519-520;
viscosum 62:108, 115; 64:343, 345;
 f. *apetalum* 54:253; 57:313; *vulga-*
tum 60:65; 62:108, 115; 63:43; 64:
 343, 345; 65:91; 71:521; 72:517;
 75:317; δ *grandiflorum* *lusus* 1 53:
 227; f. *glandulosum* 62:108; var.
hirsutum 55:148; f. *glandulosum*
 55:148

- Cerasus pennsylvanica* 55:295
Ceratiola ericoides 56:257; 64:234; 65:280
Ceratium hirundinella 64:54; 71:469; f. *robustum* 71:469
Ceratocolax hartzii 72:216, 232, 236
Ceratodon purpureus 53:123; 58:248; 62:152
Ceratophyllaceae 62:109
Ceratophyllum demersum 56:257-258; 57:307; 58:77; 60:322; 61:276, 282, 283 (fig. 3, map); 62:109, 113; 67:196; 70:171; 71:418 (pl. 1424), 419; 72:13; 73:257; *echinatum* 56:257-258; 62:109, 113; 73:257
Ceratostoma portoricensis 67:344
Cerbera thevetia 67:346; 69:435
Cercidophyllum japonicum 73:213
Cercis canadensis 52:295; 53:246; 64:333
Cercocarpus montanus 51:19, 23; 56:208
Cerdana alliodora 67:348; 69:437
Cerefolium cerefolium 67:344
Cestrum 69:440; *daphnoides* 67:351; *diurnum* 69:440; *laurifolium* 69:440; *nocturnum* 69:440; *salicifolium* 67:351
Ceterach aspidioides 69:5
Cetraria ciliaris 60:77, 82; *cucullata* 54:277; 67:380; *delisei* 54:276; *islandica* 54:276; 60:77, 82; *nivalis* 67:380; *oakesiana* 60:82; *tilesii* 67:381; *tuckermanii* 60:82
Cevallia sinuata 51:25; 52:20
Chadsia 51:222
Chaemosiphonales 73:267
Chaenactis 58:164; 71:73-74; *douglasii* 74:394
Chaenomeles lagenaria 69:307, 318
Chaenorrhinum minus 52:59; 74:394
Chaerophyllum procumbens 60:20; 62:200; *tainturieri* 56:228
Chaetapiozpora rhododendri 71:200-201
Chaetocalyx 69:412; *scandens* 69:393, 412
Chaetochloa barbata 67:319; *geniculata* 67:319; 73:50; *lutescens* 53:27, 29; 68:446; *magna* 67:319; *rari-flora* 67:319; *setosa* 67:319; *tenacissima* 67:319; *vulpiseta* 67:319
Chaetomium funicola 73:308; *globosum* 73:308
Chaetomorpha 75:559; *aerea* 72:317, 331; 74:266, 412; 75:266; *atrovirens* 66:233; 71:120, 125, 132; 74:412-413; *linum* 66:233; 71:120; 72:326; 73:275; 74:412-413, 479; 75:266; *melagonium* 66:220, 233; 71:120; 72:116, 317, 322, 331; 73:275; 74:266, 413, 477
Chaetopappa bellioides 63:127
Chaetophora 64:57; *incrassata* 58:118; sp. 73:308
Chaetophoraceae 63:276; 67:251; 71:117; 75:261
Chaetopteris plumosa 71:124; 74:420
Chaetosphaeria phaeostroma var. *phaeostromoides* 68:190; *phaeostromoides* 68:190
Chaetosphaeridium globosum 63:276
Chalcas exotica 67:336; 69:417
Chamaecrista aeschynomene 67:332; *antillana* 67:332; *aspera* 57:285; *chamaecrista* 67:332; *diphylla* 67:332; *enneryana* 62:236; *exunguis* 67:333; *grammica* 67:332; *granulata* 67:332; *haitiensis* 62:236; *leonardae* 62:236; *mirabilis* 67:332; *patellaria* 67:332; *portoricensis* 67:332; *swartzii* 67:332; 69:410
Chamaecyparis 72:1-2, 4, 8, 15; *henryae* 65:361; *nootkatensis* 65:361; *thyoides* 63:65, 67, 69, 281; 65:359-361; 67:409-411; 70:217
Chamaedaphne calyculata 55:42, 44, 47, 51, 181; 63:284; 67:365; 70:193; 73:259; var. *angustifolia* 58:52; 65:273; 72:523
Chamaefistula antillana 69:410; *bacillaris* 67:332; 69:410
Chamaelirium luteum 53:80, 87
Chamaesaracha 51:83; 71:65; 75:325-326, 328-335, 336 (fig. 1), 337; *boliviensis* 75:364; *coniodes* 75:326, 328-329, 334, 336 (fig. 1), 339, 341, 355, 357, 359, 360 (fig. 12), 362 (fig. 13, map); *coronopus* 75:326-328, 334, 336 (fig. 1), 337-338, 340 (fig. 2), 341, 342 (fig. 3, map), 345, 349; *crenata* 75:326, 328, 331, 334, 336 (fig. 1), 338, 351, 352 (fig. 8), 353, 354 (fig. 9, map); *echinata* 75:364; *edwardsiana* 75:328, 334, 336 (fig. 1), 339, 341, 344 (fig. 4), 345, 348 (fig. 6, map), 349; *grandiflora* 51:82; 55:189; 60:113; 75:364; *heterophylla* 75:364; *japonica* 75:364; *nana* 60:113; 75:364; *pallida* 75:326, 328, 334, 336 (fig. 1), 339, 345, 346 (fig. 5), 347, 348 (fig. 6, map), 349, 355; *physaloides* 60:171; 69:225; 75:364; *potosina* 75:364; *savatiieri* 75:364; *sinensis* 75:364; *sordida* 75:326-328, 334, 336 (fig. 1), 339, 347, 353, 355, 356 (fig. 10, map), 358 (fig. 11, map), 359; *villosa* 67:194; 75:328, 334, 336 (fig. 1), 338, 349, 350 (fig. 7), 351, 353, 354 (fig. 9, map); *watanabei* 75:364
Chamaesiphon polonicus 58:119
Chamaesyce 67:185, 338; 69:418; *adenoptera* 67:185; subsp. *perga-*

- mena 69:374; anegadensis 69:374;
 articulata 69:418; blodgettii 69:
 418; buxifolia 69:418; geyeri 61:
 291; hirta 69:418; 73:48; hyperici-
 folia 69:418; hyssopifolia 69:374,
 418-419; jenningsii 68:160; macu-
 lata 67:185; mendezii 67:185-186;
 missurica var. calcicola 54:127;
 monensis 69:374; nirurioides 68:
 160; nutans 69:374; portoricensis
 69:374; prostrata 67:185; 69:419;
 serpens 69:419; thymifolia 67:185-
 186; turpenii 69:374; vahlii 69:418
Chamberlainia acuminata 62:165; var.
 rupincola 62:165; cyrtophylla 62:165
Chamisme ciliolata 61:176; longifolia
 61:195; purpurea 61:167; tenuifolia
 61:190
Chamissoa 69:403; altissima 69:403
Chamitea 52:248
Champia 75:562; parvula 71:527; 75:
 275
Champiaceae 72:219; 75:275
Chantransia 75:535, 566; alariae 75:
 541; attenuata 75:583; catenulata
 75:86, 557; collopoda 74:89, 92;
 75:86, 557; corymbifera 75:88, 551,
 556, 563; crassipes 75:86, 558;
 dasyae 75:545; daviesii 75:81, 550,
 577; dufourii 75:84-85; efflorescens
 75:584-585; var. thuretii 75:88, 551,
 556, 560, 563; emergens 75:92, 572-
 574, 605 (fig. 76), 611; endozoica
 75:92; flexuosa 75:532, 577, 582;
 hallandica 75:84; humilis 75:569;
 infestans 75:91; luxurians 75:94,
 575; macounii 75:549; mediterranea
 74:92-93; microscopica 75:86, 557;
 minima 75:572; minutissima 74:92-
 93; moniliformis 74:92; 75:87, 558;
 parvula 75:85; polyides 75:587;
 rhipidandra 75:541, 609; sagraeana
 75:551, 560, 577, 591; sargassi 75:
 84; saviana 75:560; secundata 74:
 88; 75:94, 541, 545, 558-559, 575,
 580; tenuissima 75:576; thuretii
 75:88, 560, 562; trifila 74:92-93; uni-
 lateralis 75:544; virgatula 75:94,
 541, 545, 560, 576, 580; f. ten-
 uissima 75:576, 579, 581; var.
 luxurians 75:576
Chantransiaceae 63:281
Chaptalia 69:448; dentata 65:231, 232
 (fig. 33), 238; integerrima 70:233,
 239; integrifolia 65:238; mandoni
 70:240; nutans 69:448; 70:233, 240;
 var. nutans 65:238; var. texana 65:
 238; ruminata 74:499; tomentosa
 71:34
Chara 51:14; 64:57; globularis 58:118;
 intermedia 51:14; var. americana
 51:14; zeylanica 57:283
Characeae 51:13-14
Characiaceae 63:277; 67:251
Characiopsis acuta 64:54; longipes
 73:65
Characium 64:57; ambiguum 63:277;
 curvatum 71:451; gracilipes 71:451;
 limneticum 71:451-452, 453 (fig.
 15); naegelii 63:277; obtusum 67:
 251; ornithocephalum 73:65; pring-
 sheimii 63:277; 73:65; rostratum 73:
 65; sp. 63:277; stipitatum 63:277
Chascolytrum spicigerum 68:224
Chasmanthium nitidum 75:369
Chavica officinarum 71:438
Cheilanthes 72:534; brandegei 62:7, 9;
 capensis 62:9; deltoidea 62:9; eatoni
 56:208; feei 56:208; fendleri 74:82;
 fractifera 62:7, 8 (pl. 1252), 9; 63:
 74; marginata 62:8; 63:75; notho-
 laenoides 63:87; orbignyana 63:73
 (pl. 1255), 74-75; paupercula 67:
 357; poeppigiana 63:75; pteridioides
 62:9; pyramidalis 62:8; rigida 62:9;
 rufopunctata 63:75; saundersii 63:
 74; trichomanoides 67:357; wootoni
 56:157
Cheiranthus asper 57:290; 70:34;
 asperus 70:34; cheiri 62:19; incanus
 62:19
Cheiroglossa palmata 67:356
Chelidonium 69:180; grandiflorum 69:
 180; laciniatum 69:180; majus 52:
 294; 55:224; 63:47, 54; 69:32, 179-
 180, 182; var. pleniflorum 69:181;
 var. plenum 69:181-182
Chelone 62:173; cuthbertii 67:394,
 396 (fig. 6, map); glabra 53:5; 55:
 189; 60:206; var. glabra 73:260;
 obliqua 62:173
Chenopodiaceae 55:146; 60:300; 63:
 211; 67:329; 69:402; 75:317
Chenopodium 51:7; 69:402; album
 51:8; 55:147; 57:285; 60:300, 304;
 63:288; 64:136; 65:91; 71:520; 72:
 516; 75:317; ambrosioides 60:300,
 305; 69:402; 72:393; var. anthel-
 minticum 57:285; 60:300, 305;
 bonus-henricus 60:300, 305; boscia-
 num 60:300, 303; botrys 60:300, 304;
 capitatum 53:157; 55:147; 56:247;
 60:300, 302; carinatum 56:160; 60:
 300, 305; foliosum 60:300, 305; gi-
 gantospermum 51:92; 66:170 (fig. 2),
 171; var. standleyanum 51:92; glau-
 cum 59:287; 60:300, 305; graveolens
 51:7; 60:300, 305; 68:523; humile
 60:300, 305; hybridum 51:92; 66:
 168, 170 (figs. 1, 3-4), 171; var.
 gigantospermum 51:92; 55:46, 146;
 60:300, 302; 66:171; var. standleya-
 num 51:92; incanum 60:300, 305;
 lanceolatum 60:65, 300, 304; lept-

- phyllum 60:300, 302-303; 71:560;
 murale 60:300, 305; paganum 60:
 300, 305; polyspermum 59:126; 60:
 300, 305; pumilio 56:160; 67:181;
 rubrum 59:289; 60:300, 304; salinum
 66:280; standleyanum 51:92; urbi-
 cum 60:300, 304; 71:169; vulvaria
 53:22
Chiloscyphus pallescens 72:494
Chimaphila 75:163; *maculata* 51:108,
 111; 52:161; 73:495; 75:162-164;
umbellata 52:161; 62:261; 67:386,
 389; var. *cisatlantica* 55:44, 46, 179;
 71:166; 72:523
Chiococca 69:444; *alba* 57:277, 288;
 66:19; 69:444; *pinetorum* 57:288;
racemosa 66:19
Chiogenes hispidula 55:181, 295; 75:
 320
Chione 69:444; *seminervis* 67:353;
venosa 69:444
Chironia 57:2-3, 93; *amoena* 57:58;
angularis 57:18; β *angustifolia* 57:
 20, 30; var. α *latifolia* 57:18, 20, 31;
 var. β *angustifolia* 57:29; *calycosa*
 57:79; *campanulata* 57:52, 93; β
gracilis 57:52; *chloroides* 57:86;
cymosa 57:7, 11, 23, 25, 27; *de-*
candra 57:90-91, 94-95, 103; *dicho-*
toma 57:79, 83; *dodecandra* 57:3, 5,
 86, 93; *gracilis* 57:52; *lanceolata*
 57:7, 10-11, 25, 93; *paniculata* 57:7,
 11, 24-25; β *angustifolia* 57:11;
pulcherrima 57:95, 103; *stellaris*
 57:58; *stellata* 57:58; *venosa* 57:7,
 12
Chlamydococcus 64:57
Chlamydomonadaceae 63:276; 67:251
Chlamydomonas aggregata 67:248,
 252; *angulosa* 64:54; *dinobryonis*
 71:451-452, 453 (fig. 12); *mucicola*
 64:54; *polypyrenoideum* 64:54;
snowii 64:54; 67:252; sp. 63:276;
sphagnicola 64:54; *typica* 67:248,
 252
Chlora 57:2; *dodecandra* 57:86
Chlorangium stentorinum 71:451
Chloranthaceae 70:416
Chlorella ellipsoidea 64:54; 67:251; sp.
 75:265; *vulgaris* 64:54; 67:251
Chlorellaceae 75:265
Chloris 68:101, 284; 75:370; *barbata*
 69:372; *beyrichiana* 68:284-285;
ciliata 58:44; *distichophylla* 68:284-
 285; *floridana* 75:370; *halophila* 68:
 285; *inflata* 67:319; 69:372; 73:49;
mucronata 70:32; *paraguayensis*
 67:319; 69:372; *paraquaiensis* 73:
 49; *petraea* 57:278, 282-283; 63:
 177; 64:86; 67:319; *polydactyla* 66:
 11; 68:285; *radiata* 68:285-286;
sagraeana 67:319; *verticillata* 64:
 355; 68:518; *virgata* 56:179; 68:285;
 74:389
Chlorochytrium grande 73:268; *lem-*
nae 73:297; *moorei* 73:268
Chlorococcaceae 63:277; 67:251; 71:
 117
Chlorococcales 67:251; 71:117; 73:268
Chlorococcum humicola 64:54; 67:249
Chlorogalum pomeridianum 73:79
Chlorogloea conferta 71:116
Chlorophyceae 71:117, 451; 72:116,
 331, 333; 74:411-412, 433, 451; 75:
 54, 58
Chlorophycophyta 75:261, 293-294
Chlorophyta 63:276; 66:233; 67:251;
 69:57; 71:117, 526; 72:317; 73:268;
 74:297; 75:583, 588, 590
Chlorotheciaceae 63:279
Chlorotylum cataractarum 58:117
Chomelia 53:232
Chondria 75:553, 562; *baileyana* 72:
 200-201, 226, 231, 233, 236; 75:280;
sedifolia 75:280; *tenuissima* 72:226,
 230; 75:280
Chondrophora nudata 71:34
Chonodrosium gracile 56:31; *hirtum*
 56:31
Chondrus crispus 66:220-221, 223-225,
 232-233; 71:115, 119, 131, 134, 136;
 72:117, 200, 203, 210, 217, 231, 233,
 237, 321-333; 73:275, 283; 74:411,
 415, 419, 422-423, 480-481, 483 (fig.
 1); 75:275
Chorda filum 66:230; 71:115, 122, 128,
 138; 72:320, 336; 73:281; 74:129,
 417, 428, 480; *tomentosa* 66:220,
 226, 230; 71:154; 72:116, 320, 336;
 74:417
Chordaceae 71:128
Chordaria 55:105; 74:87 (figs. 12-14);
 75:559; *flagelliformis* 66:226, 230;
 71:115, 122, 124, 126-127, 134, 138;
 72:116, 320, 336; 74:267, 297, 417;
 var. *densa* 72:320
Chordariaceae 71:124; 74:267
Chordariales 71:124
Choroecolaceae 71:133; 72:213
Choreocolax polysiphoniae 71:133; 72:
 117, 213, 231, 233, 237, 323, 333
Chorispora tenella 55:237; 62:93; 63:
 43, 48, 55; 74:391
Chosenia bracteosa 73:213
Chromastrum 75:535, 566; *alariae* 75:
 541; *collopodum* 75:86, 557; *com-*
pactum 75:86, 557; *crassipes* 75:87,
 558; *hallandicum* 75:84; *humile* 75:
 569; *infestans* 75:91; *microscopicum*
 75:86, 557; *moniliforme* 75:87, 558;
riphidandra 75:541, 543-544; *secun-*
datum 75:94, 575; *unifilum* 75:564;
virgatulum 75:94, 576

- Chroococcaceae 63:280; 67:252; 71:116; 75:282
 Chroococcales 67:252; 71:116; 73:267
 Chroococcus limneticus 64:54; 71:448; minimum 71:448; minor 67:252; sp. 75:283; turgidus 53:182; 75:283
 Chroolepus 64:57
 Chrysactinia 64:2, 9
 Chrysanthellum mexicanum 65:229, 232 (fig. 22), 237
 Chrysanthemum balsamita 72:527; cinerarifolium 55:313; humile 63:157; indicum 67:356; integrifolium 54:53; 65:222; ircuitianum 60:124; lacustre 60:26; 72:250, 543; leucanthemum 52:297; 55:47; 60:122-124; 65:95; 71:19; var. pinnatifidum 55:199; 57:302; 60:66; 63:149; 72:527; 75:321; var. subpinnatifidum 60:124; morifolium 67:356; parthenium 64:269
 Chrysobalanus 69:408; icaco 57:285; 67:331; 69:408; 73:206; oblongifolius 56:256; 57:285; 60:16, 23, 29; pellocarpus 67:331
 Chrysocoma acaulis 72:146-147; graminifolia 66:382, 396; odoratissima 64:90; 70:483; paniculata 64:90; 70:483; tomentosa 72:146, 154
 Chrysoma pauciflosculosa 60:289-290; solidaginoides 66:20
 Chrysophyceae 71:463; 73:285-286
 Chrysophyta 63:279; 71:279; 73:285
 Chrysophyllum 69:433; argenteum 69:433; bicolor 67:345; cainito 69:433; eggersii 67:345
 Chrysopsis 51:113-114; 56:183; 62:62; 67:86; 68:406; 72:42; 74:152-153; group Mariana 51:115; group Pilosae 51:115; sect. Ammodia 62:63; sect. Pityopsis 67:88; adenolepis 51:143; arenicola 51:113-115; berlandieri 67:87 (fig. 5); 68:406; camporum 67:87 (fig. 4); correllii 51:144; decumbens 51:113-115; divaricata 67:231; falcata 54:308; 71:19, 27; floridana 72:44; foliosa 62:64; fulcrata 67:87 (fig. 7); 74:102, 104-105; gossypina 51:113-115; f. decumbens 51:113; graminifolia 62:64; 67:88; 73:496; hispida 74:105; hysopifolia 72:42; lamarckii 62:73-74; mariana 74:152; var. floridana 72:44; pilosa 62:64; pinifolia 51:144; 54:180; scabra 62:73-74; 74:511; stenophylla 67:87 (fig. 6); subulata 72:43; traceyi 72:43; villosa 62:100; 64:263; 67:87 (fig. 8); 70:301; 74:105; var. viscida 70:301-302; viscida 70:302
 Chrysosphaerella longispina 71:463
 Chrysosplenium 51:191; alternifolium 51:191-192; var. sibiricum 51:191; americanum 55:54, 78, 164; 63:50, 52; iowense 51:191-192; 60:248, 251; sibiricum 51:192; tetrandrum 51:191; 65:218; wrightii 55:251; 65:211
 Chrysothamnus 62:62; nauseosus 56:207; subsp. nauseosus 74:105; subsp. typicus 52:173
 Chusquea 68:100, 109; delicatula 68:109-110; longipendula 68:110; peruviana 68:109-110; quitensis var. patentissima 68:110; scandens 68:110; serrulata 68:109-110; spicata 68:110; uniflora 68:109-110
 Cibotarium divaricatum 54:184; 59:71; fruticosum 59:70; macropetalum 54:184; 59:71; macrum 54:184; 59:71; microcarpum 59:70; stellatum 59:70
 Cibotium horridum 73:11; princeps 73:12
 Cicca acida 69:420; disticha 67:337; 69:420
 Cichoriaceae 67:354
 Cichorium intybus 52:297; 53:225; 60:66; f. album 57:319
 Cicuta bulbifera 53:10; 59:263; mackenzieana 58:52; maculata 53:10; 72:522; virosa 70:171
 Cienfuegosia heterophylla 66:13; 75:418; yucatanensis 75:418
 Cimicifuga cordifolia 63:21; racemosa 62:110, 114; f. dissecta 62:110; var. cordifolia 66:135; rubifolia 66:135
 Cinchona 56:239-240
 Cinna arundinacea 51:109, 127; 63:136; 74:389; 75:315; var. inexpansa 55:159; latifolia 55:125; 63:136; 65:89; 67:402; 72:5; 75:315
 Cinnamomum elongatum 67:331; montanum 67:331; zeylanicum 67:331
 Cintractia caricis var. caricis 64:119
 Cipura goodspeediana 64:311
 Circaea alpina 53:158; 55:176; 63:289; 64:63-64, 65 (pl. 1267), 66-67; 65:93; 52:522; 75:319; \times quadrisulcata 64:67; canadensis 64:63-64, 65 (pl. 1267), 66-67; 72:283; intermedia 64:67; lutetiana 64:63, 67; quadrisulcata 64:63-64, 65 (pl. 1267), 66-67; 72:339; var. canadensis 60:68; 72:14
 Cirriphyllum boscii 53:125; 62:165; piliferum 62:165
 Cirsium 51:33-34; 54:29; 65:339; 71:285-286, 291, 293; 72:44; subgen. Eucirsium 65:341; 71:285-286; sect. Cirsiosis 65:341, 353; sect. Erythrolaena 65:341, 354; subsect. Conspicua 65:354; sect. Onotrophe 65:341, 353; 71:285; subsect. Acanthophylla 65:354; ser. Altissima 65:

- 345, 354; 71:285, 290, 292; ser. *Mutica* 65:344, 354; 71:285, 290; ser. *Horridula* 65:354; ser. *Paniculata* 71:285, 293; ser. *Undulata* 65:346, 354; 71:285, 295; ser. *Virginiana* 71:285, 295; subsect. *Acaulia* 65:343, 353; subsect. *Campanulata* 71:285, 290; subsect. *Minutiflora* 65:353; subsect. *Ororata* 65:344, 354; 71:285-286, 288; ser. *Horridula* 65:354; ser. *Pumila* 65:344, 354; subsect. *Stenanthia* 65:343, 353; ser. *Mexicana* 65:353; *altissimum* 65:339, 345-346, 354; 68:3; 71:285-286, 287 (figs. 1-2), 291; *arvense* 51:390; 54:33; 55:200; 57:302; 60:26; 64:346; 65:95; 71:523; 72:338, 378, 528; 75:321; f. *albiflorum* 64:346; var. *integrifolium* 61:78; *brevifolium* 54:34; 65:346, 354; *brevistylum* 65:339, 341, 353; *canescens* 54:29, 32-35, (pl. 1183); 55:237; 65:346-348, 351, 354; \times *foliosum* 65:347; *carolinianum* 61:78; 71:285, 287 (figs. 3-4), 292; *cernuum* 65:339, 353; *coccinatum* 65:344; *discolor* 65:339, 345-346, 354; 68:3; 71:285-286, 287 (fig. 5), 291; f. *albiflorum* 55:160; *drummondii* 65:343-344, 353; *edule* 65:339, 353; *filipendulum* 71:291, 295; *flodmanii* 54:31, 33-35; 55:362; 65:339, 347, 354; f. *albiflorum* 55:362; *foliosum* 65:341, 343-344, 347, 354; *greenii* 71:295; *hillii* 61:78; 65:341, 344, 354; *horridulum* 57:279; 64:156, 159 (fig. 52); 65:339, 354; 71:285-286, 287 (figs. 6-7), 288-290; 72:44; f. *elliottii* 57:288; var. *horridulum* 72:45; var. *vittatum* 72:45; *iowense* 65:345; *lanceolatum* 51:390; 55:200, 308; 56:162; *lecontei* 71:285-286, 287 (fig. 8), 288; *lettermanii* 54:32; *megacephalum* 54:30-31; *mexicanum* 65:343, 353; *muticum* 51:112; 54:254; 55:200; 65:95, 339, 344, 354; 71:285-286, 287 (figs. 9-13), 292; 72:528; *nebraskense* 54:32; *nivale* 65:339, 353; *nuttallii* 71:285-286, 287 (figs. 14-15), 290; 72:44; *ochrocentrum* 65:347, 354; var. *helleri* 71:296; *palousense* 54:34; *pinetorum* 72:44; *pitcheri* 60:251; 65:348, 351, 354; *plattense* 54:29, 32-33, 35; 55:362; 65:347; *pumilum* 61:78; 65:344, 354; 71:285-286, 287 (fig. 16), 288-289; subsp. *pumilum* 71:286; *repandum* 71:285-286, 287 (fig. 17), 288; *rugosum* var. *angustatum* 52:174; *skutchii* 64:276; 65:339, 341, 354; *smallii* 71:290; 72:45; *subcoriaceum* 65:339, 354; *subniveum* 65:349, 354; *terrae-nigrae* 56:25; 71:285-286, 287 (fig. 18), 291, 295; *texanum* 71:285, 293 (figs. 19-21), 294-295; *tracyi* 65:349, 354; *turneri* 71:59; *undulatum* 54:29-31, 34, (pl. 1182); 55:200; 56:211; 65:339, 343, 350, 354; 70:431; 71:285, 293 (fig. 22), 295; var. *megacephalum* 54:30-31; 55:362; *virginianum* 61:78; 71:285, 293 (fig. 23), 295; *vittatum* 71:285-286, 289-290, 293 (figs. 24-28); 72:44; *vulgare* 55:200, 268; 56:162; 60:66; 65:95; 71:27; 72:528; 75:321; *wheeleri* 65:350, 354
- Cissampelos* 69:405; *pareira* 69:405
- Cissus* 69:423; 70:415; *caustica* 69:423; *sicyoides* 69:423; *trifoliata* 69:423; 70:415; *tuberculata* 67:339
- Cistaceae* 69:184, 186
- Cistus* 69:186; *canadensis* 67:64, 255, 258, 269, 272; *carolinianus* 67:211; *corymbosus* 52:264; 67:287; *glomeratus* 67:298; *mexicanus* 67:298; *rosmarinifolius* 67:311; *virginianus* 67:260
- Citharexylum* 69:438; *fruticosum* 69:438; var. *subvillosum* 67:350; var. *villosum* 67:350; *pentandrum* 67:350; \times *perkinsii* 67:350; *tristachyum* 67:350
- Citrullus* 69:446; *citrullus* 67:354; 69:446; *lanatus* 67:354; 69:446
- Citrus* 69:401, 416; *aurantifolia* 69:416; *aurantium* 75:417; *grandis* 67:336; 69:416; *limon* 67:336; 69:416; *limonia* 69:416; *limonum* 67:336; 69:416; *maxima* 67:336; 69:416; *paradisi* 69:416; *sinensis* 69:391, 416
- Cladium* 67:114; *jamaicense* 57:278, 283; 67:114, 322; 73:49; *mariscoides* 57:113, 306; 65:26, 30; 73:256
- Cladonia* 52:47, 77, 121; 56:107-108, 110, 113; 59:56; 71:19; subgen. *Cenomyce* 52:86; sect. *Cocciferae* 52:86; subsect. *Stramineo-flavidae* 52:88; subsect. *Subglaucoscentes* 52:86; sect. *Ochrophaeae* 52:89, 114; subsect. *Chasmariae* 52:91, 100; 56:266; gr. *Megaphyllae* 52:106; gr. *Microphyllae* 52:91; subsect. *Clausaes* 52:100, 107; gr. *Foliosae* 52:118; gr. *Ochroleucae* 52:119; gr. *Podostelides* 52:100, 107; subgr. *Helopodium* 52:107, 109; subgr. *Macropus* 52:109; gr. *Thallostelides* 52:110; subsect. *Unciales* 52:89; subgen. *Clathrina* 56:107; subgen. *Cladina* 52:78; subgen. *Pycnothelia* 52:85; *acuminata* 52:121; *alpestris* 52:85, 121; 54:276; 74:261; f. *aberrans* 52:85; *alpicola* 52:121; var. *karelica* 52:109; 59:60; *amaurocraea* 52:121; 54:269; *apodo-*

- carpa* 52:106-107, 120; 59:60; 60:78; 74:256; *atlantica* 52:98-101, 104; 59:58-59; *f. microphylla* 52:99; *f. ramosa* 52:98, 103; 59:60; *f. ramosissima* 52:99-100; *f. subsimplex* 52:99, 103; 59:60; *bacillaris* 52:86, 117-118, 120; 59:59; 60:80; 74:255; *f. attenuata* 74:255; *f. bacillaris* 74:255; *f. clavata* 52:87; 59:59; 60:80; *f. fructicaulencens* 74:255; *f. obtusa* 74:255; *f. peritheta* 52:87; *f. reagens* 60:80; *f. tenuistipitata* 52:87; *balfourii* 52:116; *beaumontii* 52:99-101, 121; 74:259; *borbonica* 52:115-116; *f. cylindrica* 52:86-87, 115-116; *f. ramosa* 52:118; *f. squamulosa* 52:115, 118; *boryi* 52:89; 59:59; 60:77; 74:261; *f. lacrimosa* 74:261; *f. lacunosa* 52:91; *f. prolifera* 52:91; 74:261; *f. reticulata* 52:91; *brevis* 52:109; 59:60; *caespiticia* 52:106, 120-121; 59:60; 60:78; 74:259; *f. epiphylla* 74:259; *calycantha* 52:121; *capitata* 52:107-108, 121; 60:80; 74:256; *f. capitata* 74:256; *f. epiphylloma* 52:107; *f. imbricatula* 52:107; 59:60; *f. pallida* 52:107; *f. squamulosa* 52:107; *carassensis* 52:101-105, 121; 60:78; 74:259; β *regularis* 52:105; *f. digrassa* 52:104; 74:259; *f. irregularis* 52:103-104; *m. regularis* 52:104-105; *f. obliqua* 52:104; *m. spectabilis* 52:104; 74:260; *f. regularis* 52:105; 60:78; 74:259; *f. spectabilis* 74:259; *f. subirregularis* 74:260; *f. subregularis* 52:103-105; 74:259; *m. spectabilis* 52:105; 74:260; *f. subulata* 52:105; *cariosa* 52:108, 121; 74:257; *f. cribrosa* 52:108; *f. squamulosa* 74:257; *caroliniana* 52:89-90; 59:57, 59; 74:261; *f. dilatata* 52:90; 59:59; *f. fibrillosa* 52:90; 59:59; *f. prolifera* 52:90; 59:59; *f. tenuiramea* 52:90; 59:59; *cenotea* 52:105, 121; 74:261; *f. cenotea* 74:261; *f. crossota* 52:106; *f. exaltata* 74:261; var. *corticata* 52:95; var. *magellanica* 52:95; *chlorophaea* 54:266; 59:58, 60; 60:79; 74:258; *f. carpophora* 52:112; 60:79; *f. costata* 52:112; 74:258; *f. prolifera* 74:258; *f. simplex* 52:112; 59:60; 74:258; *clavulifera* 52:108; 59:60; 60:81; 74:256; *f. epiphylla* 52:108; *f. nudicaulis* 52:108; 59:60; 60:81; *f. pleurocarpa* 52:108; 59:60; *f. subvestita* 52:108; 59:60; *coccifera* 59:58-59; 74:255; var. *frondescens* 74:255; var. *phyllocoma* 59:59; var. *stemmatina* 59:59; 74:255; *coniocraea* 52:117; 59:60; 60:79, 81; 74:258; *f. actinota* 74:258; *f. ceratodes* 52:114, 117; 59:60; 74:258; *f. expansa* 52:114; *f. peritheta* 74:258; *f. phyllostrota* 52:115; 59:60; 60:79; 74:258; *f. pycnotheliza* 52:115; 74:258; *f. robustior* 52:115; *f. stenoscypha* 52:115; 60:79; *f. subpellucida* 52:115; *f. truncata* 52:115; 59:60; 74:258; *conista* 59:58; 60:79; *f. simplex* 52:113; 59:60; *cornuta* 52:121; *cornutoradiata* 52:121; 60:79; *f. radiata* 52:113; 60:79; *f. subulata* 52:113-114; *crispata* 52:103-104, 121; *f. subascypha* 74:260; var. *dilacerata* 74:260; *f. elegans* 74:261; *f. infundibulifera* 74:261; var. *divulsa* 74:261; *f. crispata* 74:261; var. *virgata*; *f. kairamoi* 74:261; *cristatella* 52:120; 59:59; 60:80; 73:488; 74:255; *f. abbreviata* 52:88; *f. aurantiaca* 52:88; 74:255; *f. beauvoisii* 52:88; 59:59; *f. cristatella* 74:256; *f. degenerata* 52:89; *f. lepidifera* 74:256; *f. ochrocarpia* 52:89; 59:59; 60:80; 74:256; *f. pleurocarpa* 52:89; 59:59; 74:256; *f. ramosa* 52:89; 59:59; 74:256; *f. scyphulifera* 52:89; *f. simulata* 60:80; *f. squamosissima* 52:89; 60:80; 74:256; *f. squamulosa* 52:89; 59:59; 74:256; *f. vestita* 52:88-89; 59:59; 60:80; 74:256; *cryptochlorophaea* 52:113; 54:266; 59:58, 60; *cubana* 56:267; *cyanipes* 52:121; *cylindrica* 52:116-118, pl. 1161; 60:79, 81; *f. ramosa* 52:118; *f. scyphifera* 52:118; 60:79; *f. squamulosa* 52:118; *decorticata* 52:100, 110, 121; *deformis* 52:88, 121; 60:79; *f. crenulata* 74:255; *delicata* 52:106; 60:80; *f. quercina* 52:106; 59:59; *didyma* 52:121; 59:58; 60:80; ** γ *pygmaea* 52:87; *f. pygmaea* 52:87-88; *f. subulata* 52:88; *m. subulata* 52:88; var. *muscigera* 74:256; *digitata* 52:121; *ecmocyna* 54:261-266, 270; 56:271; *f. contorquescens* 54:266, 268; *f. foveata* 54:267; *f. gracilescens* 54:266, 269; *f. nigripes* 54:266, 269; var. *intermedia* 54:267, 270; var. *macroceras* 54:262, 266-270; var. *nigripes* 54:269; *elongata* 54:263-264; *f. ecmocyna* 54:261, 264, 269-270; *f. intermedia* 54:267, 270; *f. laontera* 54:268; var. *esquamosa* 54:268; var. *squamosa*; *f. laontera* 54:269; *exasperatula* 52:99-100; *farinacea* 52:95, 97, (pl. 1161); 60:77; *fimbriata* 52:113, 115; 59:58; 60:79, 81; γ *cornutoradiata* γ^2 *subulata* 52:113; η . *borbonica* 52:115; *f. conista* 74:258; *f. pycnotheliza* 74:258; *f. simplex* 74:258; *f. stenoscypha* 74:258;

floerkeana 52:86; 59:58; 60:80; f. carcarata 74:255; f. floerkeana 74:255; f. intermedia 74:255; f. squamosissima 74:255; f. trachypoda 60:80; var. carcarata 52:86; f. squamosissima 52:86; var. intermedia 52:86; 59:58; f. carcata 74:255; f. fastigiata 74:255; f. floerkeana 74:255; f. intermedia 74:255; f. peritheta 74:255; f. squamosissima 74:255; floridana 52:99-100, 121; 59:59; 74:259; f. brachiata 59:59; f. elegans 59:59; f. esquamosa 59:59; foliacea 52:119; var. alcicornis 59:61; furcata 52:91-94, 96, 120; 56:266, 268-271; 59:59; 60:77-78; 74:259; f. foliolosa 74:259; var. farinacea 52:95; var. furcata 74:259; f. corymbosa 74:259; f. fissa 74:259; f. furcata 74:259; f. rigidula 74:259; f. subclausa 74:259; f. subulata 74:259; var. palamaea 52:92; 56:271; 60:77; 74:259; f. hamata 56:267; f. implexa 56:269; f. recurva 56:269; f. rigidula 52:92; f. spadicea 56:269; f. spectabilis 56:267; var. paradoxa 74:259; var. pinnata 52:92-93; 60:77; f. foliolosa 52:92-93; 59:59; 74:259; f. recurva 74:259; f. truncata 52:93; f. turgida 59:59; 74:259; var. racemosa 52:92-93; 56:271; 59:59; f. corymbosa 52:93; f. furcatusubulata 52:93; f. prolifera 52:93; f. squamulifera 52:92-93; 59:59; f. subclausa 52:93; 59:59; η racemosa; c. surrecta 52:93; γ scabriuscula f. farinacea 52:95; glauca 52:121; 74:261; gonecha 52:121; gracilescens 54:263; gracilis 54:261-266; 56:271; 60:79; η elongata 54:262; f. ecmocyna 54:261-262; chordalis 54:269; elongata 54:268; f. rostrata 54:267; f. subdilacerata 54:267; var. chordalis 54:263-267; f. amauro 54:270; var. dilatata 52:110; 54:263, 266; 74:257; f. dilacerata 52:110; 74:257; f. squamulosa 52:111; var. ecmocyna 54:261, 267; f. nigripes 54:267, 269; f. rostrata 54:267-268; f. subdilacerata 54:267; var. elongata 54:262, 264-268; f. chordalis 54:269; f. elongata 74:257; f. laontera 54:269; f. macroceras 54:269; f. subdilacerata 54:267; m. ecmocyna 54:261-262; var. macroceras 54:262; grayi 52:112, 120; 54:266; 59:57-58, 60; 60:80; 74:258; f. carpophora 52:112; 59:60; 60:80; f. centralis 74:258; f. clavata 74:258; f. cyathiformis 52:112-113; 59:60; 74:258; f. epiphylea 74:258; f. foliosa 74:258; f. lacerata 52:112; f. pallida 74:258; f. peri-

theta 74:258; f. prolifera 52:112; 60:80; 74:258; f. squamulosa 52:112; 59:60; 60:80; 74:258; impexa 52:121; 59:58; f. condensata 59:58; f. impexa 74:261; f. laxiuscula 59:58; f. prolifera 74:261; f. subpellucida 74:261; incrassata 52:87, 89; 59:59; 60:80; 74:255; f. clavata 74:255; f. squamulosa 52:89; 59:59; 74:255; japonica 52:101-102, 104; f. nuda 52:105; f. subulata 52:105; f. tatrana 52:105; var. tatrana 52:102; lepidota 54:263; leporina 52:121; 74:256; leptothallina 52:100; linearis 56:107; macilenta 52:87; 60:80; 74:256; f. macilenta 74:256; f. styra-cella 59:59; var. ostreata 52:87; f. ostreata 52:87; f. styra-cella 52:87; macropus 52:109-110; major 52:113, 121; mateocyatha 52:111; 59:61; 74:257; f. leioscypha 52:111; f. squamulata 52:111; 59:61; 74:257; merochlorophaea 52:121; microphyl-liza 52:99-100; mitis 52:79, 81-84, 121; 59:58; 60:78; 74:262; f. divaricata 74:262; f. pallida 74:262; f. prolifera 74:262; f. prostrata 74:262; f. soralifera 74:262; f. tenuis 52:84; 74:262; mitrula 59:60; 60:80; multiformis 52:97; 74:259; f. finkii 52:97; f. simulata 52:98; nemoxyna 52:114, 120; 60:79, 81; 74:258; f. ambigua 74:258; f. fibula 52:114; f. nemoxyna 74:258; f. phyllo-cephala 52:114; 74:258; f. rei 52:114; f. scyphifera 74:258; norrlinii 52:109, 121; ochrochlora 52:114; paludicolor 59:59; papillaria 52:85-86; 59:58; 60:77; 74:255; f. molariformis 52:86; 59:58; 74:255; f. papillaria 74:255; f. papillosa 52:86; 59:58; f. prolifera 52:86; 59:58; f. stipata 52:86; 59:58; 74:255; parasitica 74:259; f. congesta 74:259; f. parasitica 74:259; f. sterilia 74:259; piedmontensis 52:119; 59:61; 60:80; 74:256; f. epiphylla 52:120; f. intermedia 74:256; f. lepidifera 52:120; 59:61; 74:256; f. ob-conica 52:120; 59:61; 74:256; f. phyllocoma 59:61; 74:256; f. pied-montensis 74:256; f. squamosissima 52:120; 74:256; f. squamulosa 52:120; 59:61; 60:80; pityrea 52:100; 59:61; 60:79, 81; var. pityrea 74:257; f. cladomorpha 74:257; f. pityrea 74:257; f. scyphifera 74:257; f. squamulifera 74:257; f. subacuta 74:257; var. zwackhii f. hololepis 59:61; f. phyllophora 52:118; f. squamulifera 52:118; f. subacuta 52:118; 59:61; pleurota 52:88, 120;

59:59; 60:79; 74:255; f. *decorata* 52:88; 59:59; f. *extensa* 52:88; f. *frondescens* 52:88; var. *cerina* 59:59; var. *frondescens* 52:88; 59:59; 60:79; *poculifera* 74:262; f. *simplex* 74:262; *polycarpia* 52:121; 59:58, 60; *polycarpoides* 74:256; f. *epiphylla* 74:256; f. *polycarpoides* 74:256; f. *squamulosa* 74:256; *pseudopyxidata* 74:262; f. *clavata* 74:262; f. *lateralis* 74:262; f. *prolifera* 74:262; f. *simplex* 74:262; f. *squamulosa* 74:262; *pyxidata* 59:60; 60:79; 74:257; μ *pityrea* g. *phyllophora* 52:118; var. *neglecta* 52:111; f. *lophyra* 52:112; 59:60; f. *simplex* 52:111; 59:60; var. *pocillum* 52:112; var. *pyxidata* 74:257; f. *centralis* 74:257; f. *homodactyla* 74:258; f. *lophyra* 74:258; f. *marginalis* 74:258; f. *prolifera* 74:257; *pyxioides* f. *simplex* 74:262; *rangiferina* 52:78; 59:58; 60:77; 74:262; f. *crispata* 52:78; 59:58; 60:77; f. *incrassata* 52:78; 74:262; f. *prolifera* 52:79; f. *tenuior* 74:262; f. *umbellata* 52:79; *rangiformis* 52:83; 56:266, 269-271; var. *muricata* 56:268; *ravenelii* 52:121; *robbinsii* 52:118-119; 59:61; f. *squamulosa* 52:119; 74:250; *santensis* 52:99-100; b. *beaumontii* 52:99; *scabriuscula* 52:93-95, 97, 121; 60:77; 74:259; f. *adpersa* 74:259; f. *elegans* 74:259; f. *farinacea* 52:93-96; 74:259; f. *scabriuscula* 74:259; f. *squamulosa* 74:259; f. *subtestacea* 52:95, 97; f. *surrecta* 52:94; var. *farinacea* 52:95; *scabriuscula-farinacea* 52:95; *simulata* 74:257; sp. 71:21; spp. 70:290; *spumosa* 74:262; *squamosa* 52:98, 103-104; 59:58-59; 60:78; 74:260; f. *denticollis* 59:59; 74:260; f. *fascicularis* 74:260; f. *laevicorticata* 59:59; 74:260; m. *pseudocrispata* 59:59; m. *rigida* 59:59; f. *multibrachiata* 52:99; f. *murina* 52:98; f. *phyllocoma* 59:59; f. *phyllopora* 52:98; f. *pityrea* 74:260; f. *sessilis* 59:59; f. *squamosa* 74:260; f. *squamosissima* 52:98; 59:59; 60:78; f. *turfacea* 59:59; var. *laevicorticata* 74:260; f. *carneopallida* 74:260; f. *degenerascens* 74:260; f. *laevicorticata* 74:260; var. *muricella* 74:260; f. *sarmentosa* 74:260; f. *ventricosa* 74:260; var. *phyllocoma* 74:260; f. *muricella* 74:260; f. *pseudocrispata* 74:260; f. *rigida* 74:260; f. *subesquamosa* 74:260; f. *subtrachynella* 74:260; f. *turfacea* 74:260; *stenophylliza* 52:99-100; *strep-*

silis 52:119; 59:61; 74:256; f. *abortiva* 74:256; f. *compacta* 52:119; f. *coralloidea* 52:119; 59:61; 74:256; f. *glabrata* 52:119; 59:61; 74:256; f. *strep-silis* 74:256; f. *subsessilis* 52:119; 59:61; *subcariosa* 52:108, 120; 59:60; 60:81; f. *epiphylla* 59:60; f. *evoluta* 52:108; 59:60; f. *pallida* 59:60; f. *pleurocarpa* 52:109; f. *ramosa* 52:109; 59:60; f. *squamulosa* 52:109; 59:60; 60:81; *submitis* 52:80, 83-84, 121; 59:58; 60:78; f. *divaricata* 52:85; f. *prolifera* 52:85; *subrangiformis* 52:91; 56:266-271; *subsquamosa* f. *degenerata* 74:260; f. *luxurians* 74:260; f. *nuda* 52:102, 105; f. *scabrida* 74:260; f. *sublevis* 74:260; f. *subrigida* 74:260; f. *subulata* 52:102, 105; *subtenuis* 52:85, 120; 59:58; 74:261; f. *cinerascens* 59:58; f. *prolifera* 52:85; f. *setigera* 52:85; *surrecta* 52:94; *sylvatica* 52:79-85; 59:58; 60:78; 71:21; 74:262; f. *arbuscula* 74:262; f. *congesta* 74:262; m. *fissa* 74:262; f. *decumbens* 74:262; f. *gracilior* 74:262; f. *inactiva* 52:79; f. *prolifera* 52:81; f. *pygmaea* 52:81; 59:58; 74:262; f. *scabrida* 74:262; f. *sphagnoides* 52:81; 59:58; 74:262; m. *sorediata* 74:262; f. *subspumosa* 52:81; *tenuis* 59:58; 60:77; 74:261; f. *prolifera* 74:261; f. *prostrata* 74:261; *terrae-novi* 74:261; *turgida* 52:107, 121; 60:78; 74:258; f. *conspicua* 74:258; f. *corniculata* 52:107; f. *scyphifera* 52:107; f. *squamulosa* 60:78; *uncialis* 52:89-90, 121; 59:59; 60:77; f. *dicroaea* 59:59; f. *humilior* 59:59; 74:261; f. *obtusata* 52:90; 59:59; 74:261; f. *setigera* 52:90; 74:261; f. *soraligera* 52:90; 74:261; f. *spinosa* 52:90; f. *subobtusata* 52:90; 59:59; 74:261; f. *turgescens* 74:261; f. *uncialis* 74:261; *verticillata* 52:111, 121; 59:61; 60:79; 74:257; f. *aggregata* 52:111; 60:79; 74:257; f. *apoticta* 52:111; 59:61; 60:79; 74:257; f. *evoluta* 52:111; 59:61; f. *pallida* 74:257; f. *phyllocephala* 52:111; 59:61; 60:79; 74:257; f. *phyllophora* 59:61; f. *verticillata* 74:257; var. *certicornis* f. *phyllophora* 74:257; *vulcanica* 59:58

Cladoniaceae 56:107-108, 113

Cladoniopsis 56:106

Cladophora 64:57; 75:559, 590; *albida* 71:154; 73:276; 75:266; *crispata* 58:118; *crystallina* 73:276; 75:266; *expansa* 71:154; 73:276; 75:266; *fascicularis* 75:266; *flexuosa* 71:118, 120, 526; 72:317, 331; 73:276; 75:

- 267; f. *densa* 71:526; 75:267; *glaucescens* 73:276; *gracilis* 71:120, 132, 526; 74:266; 75:267; *holsatica* 74:130; *liniformis* 73:276; 74:280; *magdalenae* 75:267; *refracta* 74:266; *rupestris* 71:120; 74:266; 75:267; *sagraeana* 75:590; *sericea* 71:120, 526; 72:317; 73:276; 74:409, 411, 413, 415, 421; *vagabunda* 73:276
- Cladophoraceae* 63:276; 71:120; 74:266; 75:266
- Cladosiphon zosterae* 72:320, 336
- Cladrastis lutea* 52:295; 68:523; 72:492; *secundiflora* 70:528
- Clarkia* 75:235; *davyi* 67:230; *prostrata* 67:230
- Clasmatodon parvulus* 53:127
- Clasterosporium asperum* 61:96; *curvatum* 61:98; *maydicum* 61:96-98; *nitens* 61:101
- Clathrina* 56:107
- Clathrinaceae* 56:107
- Clathrocystis* 64:57
- Clathromorphum circumscriptum* 66:225; 71:133; 72:117, 200-201, 209, 237, 323-324, 333; 74:422; *compactum* 71:153
- Clathrotropis flava* 70:518
- Clavenna tetrandra* 67:353
- Claytonia* 66:136; *arctica* 71:505; *aurea* 60:259; *caroliniana* 55:148; 62:108, 113; 65:338; 66:136, 137 (pl. 1296), 138; 67:374, 386; [*virginica*] 66:136, 137 (pl. 1296), 138; *chrysantha* 60:259; *flava* 60:259; *lanceolata* 60:259; *sarmentosa* 55:248-249; *scammaniana* 55:249; *virginica* 53:131; 58:318; 60:258-259; 62:108, 114; 64:150, 155 (figs. 9-10); 66:136, 137 (pl. 1296), 138; 72:349, 441; f. *micropetala* 53:131
- Cleistis divaricata* 71:32
- Clematis* 71:198, 319; sect. *Viorna* 72:17; subsect. *Baldwinianae* 72:17; *baldwinii* 72:17-18; var. *baldwinii* 72:18; var. *latiuscula* 72:18; *crispa* 53:131; 72:18; *dioscoreifolia* 55:160; 75:158-159; var. *robusta* 62:110; 75:158; *drummondii* 52:20; *fremontii* 72:18; *reticulata* 72:18; *verticillaris* 53:12; 54:201-202; 55:151; 62:110, 114; *virginiana* 53:10; 62:110, 113; 71:198; 72:517; f. *missouriensis* 55:151
- Cleome* 69:407; *aspera* 68:44; *burmanii* 56:66; *ciliata* 56:66; 67:331; 69:407; *cuneifolia* 66:20; *dodecandra* 56:65-69; 68:41-47; var. *canadensis* 56:69; *graveolens* 56:69; *gynandra* 68:43; 69:407; *icosandra* 67:331; 68:43; 69:407; *monophylla* 68:43; *polygama* 68:46; *rutidosperma* 56:66; 67:331; 69:407; *serrata* 56:66; 68:46; *serrulata* 63:47, 55; *speciosa* 69:407; *spinosa* 63:47, 55; *viscosa* 56:67; 67:331; 68:43-44, 46; 69:407
- Clerodendron* (see also *Clerodendrum*) *aculeatum* 69:438; *speciosissimum* 69:438; *thompsonae* 69:438
- Clerodendrum* 69:438; *aculeatum* 67:350; *bungei* 67:350; *fragrans* var. *pleniflorum* 73:50; *indicum* 67:350; *inermis* 67:350; *speciosissimum* 73:48; 75:421
- Clethra alnifolia* 70:290; 71:33; 72:56; var. *pubescens* 72:57; var. *tomentosa* 72:56
- Clethraceae* 71:33
- Clevea hyalina* 60:232 (fig. 15, map)
- Cleyera albopunctata* 67:340
- Clibadium* 70:232; *armani* 70:230 (fig. 21), 232, 238; *surinamense* 70:232
- Clidemia* 69:429; *hirta* 69:429
- Cliftonia* 64:147, 151; *monophylla* 66:380; 71:32; *monosepala* 64:151, 157 (fig. 21)
- Climaciaceae* 62:147, 160
- Climacium americanum* 53:125; 62:160; var. *kindbergii* 62:160; *dendroideum* 62:160; *kindbergii* 53:125; 62:160
- Clinopodium* 57:74, 77-78; *incanum* 57:75; *rugosum* 57:75; 64:184; *vulgare* 57:73, 75
- Clintonia borealis* 51:110; 53:80, 85; 55:45-46, 138; 65:23, 90, 312; 67:402; 72:514
- Cliococca* 73:560, 562, 563; *selaginoides* 73:561 (fig. 1), 563, 564 (fig. 2, map); *tenuifolia* 73:563
- Clipeola mexicana* 62:19
- Clitocybe albimontana* 68:178-179; *angustissima* 62:188; *asterospora* 68:179; *basidiosa* 61:132; *compressipes* 62:187-188; f. *autumnale* 62:188; *diatreta* 65:296; *eccentrica* 65:290, 291 (pl. 1289), 295; *farinacea* 62:187-188; *fellea* 61:127-128, 130; *felleoides* 62:187-188; *harperi* 62:189; *highlandensis* 62:188-189; *hudsonianus* 62:186, 189-190; *intermedia* 62:187-188; *leptoloma* 65:290, 292 (pl. 1290), 296; *luteovitelina* 62:190; *morgani* 64:126, 129; *multiformis* 62:193; *olida* 64:129; *regularis* 62:188; *socialis* 61:127, 130-131; *subbulbipes* 65:290, 293; *sulphurea* 71:189-191; *trullisata* 64:130; *truncicola* 65:294 (pl. 1291), 295-296; *umbellifera* 62:190; *umbonata* 62:190
- Clitoria* 69:412; *foliis pinnatis* 51:292; *fragrans* 61:183; *laurifolia* 67:334; *mariana* 71:32; 73:488, 493; *rubigi-*

- nosa 67:334; sericea 51:351; ternatea 69:412
 Clomenocoma 64:4, 9-10
 Closteriopsis longissima 71:452, 453 (fig. 19)
 Closterium 63:278; abruptum 63:278; 69:57; acerosum 63:278; 64:54; 71:452; acuminatum 63:278; calosporum 64:54; cornu 63:278; dianae 64:54; 71:452; didymotocum 64:54; ehrenbergii 63:278; 64:54; 73:65; gracile 75:261; incurvum 64:54; jenneri 63:278; juncidum 63:278; kuetsingii 69:57; 71:452; lagoense 64:54; lanceolatum 63:278; 64:54; leibleinii 63:278; 64:54; 73:65; libellula 63:278; var. intermedium 63:278; 69:57; lunula 64:54; moniliferum 63:278; 64:54; 71:452; parvulum 63:278; regulare 63:278; rostratum 63:278; setaceum 63:278; 69:57; sigmoideum 64:54; strigosum 63:278; subtruncatum 63:278; turgidum 64:54; ulna 69:57; genus 63:278
 Clusia 69:173, 426; grisebachiana 67:341; 70:415; krugiana 67:341; rosea 69:392, 426
 Clusiaceae 67:340
 Clutia 52:223-224
 Cluytia 52:223
 Clypeola mexicana 62:19
 Clypeosphaeriaceae 64:134
 Cnemidaria decurrens 74:442; **grandifolia** 63:32
 Cneoridium dumosum 56:52
 Cnicus benedictus 55:313; 62:233; muticus 51:112; plattensis 54:32; var. spinosior 54:32; undulatus 54:29-31; var. canescens 54:29, 32, 34; var. grahami 54:29; var. megacephalus 54:29-30; var. ochrocentrus 54:29
 Cnidoscolus 64:147; stimulosus 54:173; 57:286; 60:291; 73:490, 494; texanus 64:151, 157 (fig. 19)
 Cobresia (see also Kobresia) 74:322 (fig. 12)
 Coccinia cordifolia 69:376; grandis 69:376
 Coccochloris elabens 58:119; 75:283; peniocystis 58:119; 75:283; stagnina 58:119; 73:267; 75:283
 Coccocypselum herbaceum 67:353
 Coccoloba 54:78; 69:402; costata 67:329; curtissii 54:77, 79; diversifolia 54:79; 67:329; floridana 54:77-79; krugii 73:48; laurifolia 54:77-79; microstachya 67:329; 69:402; pubescens 67:329; swartzii 67:328; f. urbaniana 67:329; var. portoricensis 67:329; uvifera 57:279, 281, 285; 69:402; venosa 69:402
 Coccolobis bahamensis 66:6; borinquensis 67:328; grandifolia 67:329; laurifolia 67:329; obtusifolia 67:329; 69:402; rupicola 67:329; uvifera 69:402
 Coccothrinax alta 67:322; 69:372; argentata 75:414; argentea 69:372; discreta 67:322; eggersiana 67:322; inaguensis 75:414; sancti-thomae 67:322
 Cocculus carolinus 64:150
 Cochleanthes flabelliformis 67:327
 Cochlearia 54:40-42; coronopus 62:19; danica 62:331; fenestrata 54:52; 62:331; groenlandica 62:331; officinalis 54:41, 52; 62:13, 331; subsp. arctica 54:40; 65:217; var. groenlandica 54:49; f. crassa 54:52; var. oblongifolia 54:52; sessilifolia 54:40; tridactylites 62:331
 Cochlospermaceae 67:341; 69:427
 Cochlospermum 69:427; vitifolium 67:341; 69:427
 Cochranea anchusaefolia 60:21; 67:349; 69:438
 Cocos campos-portoana 65:260; getuliana 65:260; mataforme 65:260; nucifera 57:284; 65:260; ruschiana 65:261; tostana 65:261
 Codiaeum 69:419; variegatum 69:419
 Codiolum gregarium 72:116, 317, 331; var. intermedium 73:268; petrocelididis 72:116, 317, 331; pusillum 72:116, 317, 331; 74:413; f. longipes 71:117
 Codium 75:553, 588
 Coelastraceae 63:277; 67:251
 Coelastrum cambricum 63:277; microporum 63:277; 64:54; 67:251; 71:452; sphaericum 63:277
 Coelia triptera 67:326
 Coelopleurum lucidum 58:247; 64:343, 346; 65:93; 71:522; 72:522; 75:319
 Coelosphaerium collinsii 63:280; dubium 64:54; naegelianum 53:182; 64:54
 Coffea 69:444; arabica 69:444
 Coix 68:108, 358; lachryma-jobi 68:358
 Colacium arbuscula 71:452, 453 (fig. 16), 462; vesiculosum 71:452, 453 (fig. 17), 462
 Colaconema 75:97, 531-532, 535, 565, 593, 611; americana 75:574, 588-589, 608, 611; bonnemaisoniae 75:94, 566; humilis 75:534, 569-571, 583, 604 (figs. 66-73), 607; **infestans** 75:79-80, 89, 90 (figs. 5-6), 92, 94; **membranacea** 75:534, 556, 566, 568-569, 603 (figs. 64-65), 608; **minima** 75:534, 572-574, 588-589, 605 (figs. 74-76), 607, 611; nakamurai 75:564;

- polyides* 75:587; *porphyrae* 75:92;
secundata 75: 79, 81, 93 (figs. 7-8),
 94-96, 532-533, 555-556, 575, 579,
 581-582, 591-592, 606 (figs. 77-83),
 607-608; *tenuissima* 75:576
Coleochaetaceae 63:276
Coleochaete orbicularis 64:54; *scutata*
 58:119; 63:276; 64:54; *soluta* 64:54
Coleus 69:439; *amboinicus* 69:439;
blumei 69:439
Colinil 51:233; *cinereum* 51:378; *rosea*
 51:372
Collinsia parviflora 72:289; 74:393;
verna 58:308-309; *violacea* 58:308-
 309; f. *pallida* 55:159
Collinsonia canadensis 65:366; 66:276;
 75:400; *verticillata* 66:275
Collomia 51:7; *linearis* 51:7; 53:4, 12,
 158; 68:523
Collybia colorea 68:176; var. *rubesc-*
centifolia 68:176; *luteoolivacea* 68:
 176; *rubescensifolia* 68:176; *stric-*
tipes 65:296-297
Colobanthus kerguelensis 75:240
Colocasia antiquorum 62:252, 253
 (fig. 2); *esculenta* 67:323
Cololejeunea biddlecombiae 59:254,
 256-258; *minutissima* 59:256-257
Colpodium latifolium 64:51
Colubrina 69:422; *arborescens* 67:339;
 69:422; *asiatica* var. *asiatica* 75:418;
colubrina 67:339; 69:422; *elliptica*
 69:374; *reclinata* 69:374, 422; *rufa*
 var. *antillana* 69:374; *urbanii* 67:339
Comandra 53:6-7; *livida* 70:210; *rich-*
ardsiana 53:6; 54:226; 56:247; 60:
 206, 298, 303; *umbellata* 51:10; 52:
 293; 60:298, 302; 67:408
Combretaceae 67:342; 69:430; 75:419
Commelina 63:88; *communis* 53:80,
 88; 65:363; var. *ludens* 60:12; 63:
 88; f. *aureostriata* 63:89; *diffusa*
 53:80, 88; 64:149, 155 (fig. 5); 67:
 323; *elegans* 69:373; *erecta* 57:284;
 73:300; var. *angustifolia* 64:149,
 155 (fig. 4); var. *erecta* f. *alba*
 73:300; *longicaulis* 67:323; *virginica*
 53:80, 88; 64:149; 69:373
Commelinaceae 52:293; 53:80; 63:211;
 64:149; 67:323; 75:149
Commelinidae 70:426
Commicarpus 69:404; *scandens* 69:
 404
Comocladia 69:421; *cuneata* 69:374;
dentata 69:374; *dodonea* 69:421
Comolia 69:165
Compositae 51:98, 101, 223; 52:253,
 283, 297; 55:195; 59:242; 61:231;
 62:181; 63:212, 342-343; 64:156;
 65:225; 66:15; 67:354; 69:35, 352,
 395, 447; 70:222, 228, 241, 561; 71:
 515, 581; 72:94, 100, 386-387; 73:
 47-49; 74:495; 75:114, 116, 149, 169,
 179-180, 297-298, 321, 422, 503; trib.
Anthemideae 58:179, 183; 60:125,
 127; 63:125, 129; 64:269; 65:231;
 70:96, 98, 482; trib. *Arctotideae*
 64:270; trib. *Astereae* 62:61-62,
 123, 125; 63:122, 126; 64:252,
 263, 272, 274; 65:226, 233; 70:95,
 97, 231, 237; trib. *Cardueae* 74:
 331; trib. *Cichorieae* 61:76, 78;
 64:270, 276; 65:231, 238; 70:233,
 240; trib. *Cynareae* 61:76, 78; 64:
 276; trib. *Eupatorieae* 61:76; 62:122,
 125; 63:121, 126; 64:252, 262, 272,
 274; 65:226, 233; 66:178; 69:35,
 352; 70:94, 97, 100, 229, 235, 474-
 475; 73:566; subtrib. *Adenostylinae*
 70:231; subtrib. *Ageratinae* 70:231;
 subtrib. *Kuhniinae* 55:253; trib.
Galardiae 59:129; trib. *Helenieae*
 58:180; 63:124, 128; 64:258, 268,
 272, 274; 65:229, 238; 66:67; 70:
 481; subtrib. *Bahianae* 66:178-179;
 trib. *Heliantheae* 58:179; 60:125-
 126; 62:123, 125; 63:124, 127; 64:
 254, 265, 272, 274; 65:229, 236; 66:
 156; 68:139; 70:95, 98, 232, 238, 353;
 73:291; 75:180; subtrib. *Ambrosinae*
 64:265; subtrib. *Coreopsidinae* 64:
 257, 268; 71:309, 367; 75:173; sub-
 trib. *Galinsoginae* 64:257, 268; 70:
 241; 72:387; subtrib. *Melampodinae*
 64:254, 265; 71:581; 72:106-107; 73:
 292; subtrib. *Milleriinae* 73:292;
 subtrib. *Verbesininae* 64:255, 266;
 70:241; 75:172; subtrib. *Zinninae*
 64:254, 265; 66:156-157; trib. *Inu-*
leae 64:254, 264; 65:229, 236; 70:232,
 238; trib. *Mutisieae* 64:259, 270; 65:
 231, 238; 70:233, 239; trib. *Peri-*
tylanae 71:58; trib. *Senecioneae* 61:
 76-77; 62:125; 63:125, 129; 64:259,
 269, 272, 274; 65:231; 66:178; 70:96,
 98, 233, 239; 75:180; trib. *Verno-*
nieae 64:262; 70:229, 235; 72:94, 97
Comptonia peregrina 52:261, 293;
 53:3; 55:143; 58:127, 132; 67:394,
 395 (fig. 1, map); 72:515; var.
asplenifolia 69:452; var. *asplenii-*
folia 69:452
Conami portoricensis 67:337
Conchocelis rosea 75:608
Condalia obtusifolia 52:19-20
Conferva 64:57; 75:535; *daviesii* 75:81,
 550, 594; *purpurea* 75:536; *rothii*
 75:537; *rupestris* 75:95, 578; *vio-*
lacea 75:537
Congea tomentosa 67:350
Coniogramme mexicana 66:111
Conioselinum chinense 52:175; 57:308;
 65:93; 66:140, 150, 154; 71:514;

- cnidiifolium* 65:219; *vaginatatum* 65:219-220
Coniosporium paradoxum 61:101
Coniothyrium sp. 73:306-308
Conium maculatum 74:397
Connarus 70:335
Conobea multifida 66:280
Conocarpus 57: (pls. 1215, 1218, 1219); 69:430; 75:412; *erectus* 57:272, 277, 279-281, 287, (pl. 1215); 69:430; 72:544, 545 (fig. 1, map), 546; var. *sericeus* 57:287; 72:544; *pubescens* 72:544; *sericeus* 72:544
Conocephalum conicum 53:121
Conoclinium coelestinum 73:571, 572 (fig. 3, map), 573 (fig. 4); *dichotomum* 73:571, 573
Conomorpha citrifolia 65:20; *lithophyta* 65:20; *magnoliifolia* 65:20
Conopholis americana 54:227; 71:303; 74:141; 75:167
Conostegia hotteana 69:375
Conringia orientalis 63:48, 54
Consolea moniliformis 69:375; *rubescens* 69:375, 428
Convallaria canaliculata 60:292; 68:458; *majalis* 53:80, 88; 54:208
Convolvulaceae 51:208; 55:186; 59:242; 63:211; 64:147, 153; 67:347; 69:395, 436; 71:33; 72:32; 73:49; 75:320, 420
Convolvulus 51:39, 192; *aquaticus* 51:35-40, (pl. 1121); *arvensis* 71:172; 72:378; *catesbeianus* 51:70; *erianthus* 51:38; *hederaceus* 51:74; *hermannioides* 52:37; *humistratus* 51:37, 40; *incanus* f. *roseus* 73:554; *japonicus* 51:73; *panduratus* 51:75; *patens* 51:36-37, 39-40; (pl. 1121); 52:267; *pellitus* 51:73-74; f. *anestius* 51:73, 75; *pickeringii* 51:36, 38-40, 42; *pilosellaefolius* 58:45; *pubescens* 51:73; *repens* 51:71; *sepium* 51:70-74; 53:10; 60:68; 71:516; 75:320; f. *coloratus* 51:72; 54:257; 69:33; f. *malachophyllus* 51:72; 54:257; 65:94; 75:320; f. *sepium* 69:33; var. *americanus* 51:72; var. *communis* 51:72; var. *dumetorum* 51:73; var. *fraterniflorus* 51:72; var. *pubescens* 51:70; var. *repens* 51:71, 193; 57:315; var. *sepium* 65:94; 71:522; 72:524; *spithamaeus* 51:10, 71; 55:46, 156, 186; var. *catesbeianus* 51:70, 72; var. *pubescens* 51:70-72; 55:186; var. *stans* 55:186; *subvolubilis* 51:73; *tenellus* 51:40; *trichosanthes* 51:36-37, 40, (pl. 1123); var. *patens* 51:39; *wallichianus* 51:74
Conyza 69:448; *apurensis* 67:355; *bonariensis* 67:355; 69:448; 75:406; *canadensis* 55:197; 57:279, 282; 62:99; 63:342, 344; 64:263; 65:227; 66:380; 69:448; var. *pusilla* 57:288; 67:355; *chilensis* 69:376; 70:230 (fig. 15), 232, 238; *confusa* 65:227, 230 (fig. 10); *coronopifolia* 62:177 (fig. 1), 182, 184; 63:342, 344; 64:263; *floribunda* 67:355; *lyrata* 74:500; var. *pilosa* 74:500; *notobellidiastrum* 70:232; *sophiaefolia* 64:263; *viscosa* 74:500
Cooperia drummondii 63:216; *jonesii* 63:216; *traubii* 63:216
Copaifera langsdorffii 63:18
Coprosmanthus 70:55, 57, 247; *ecirratus* 70:265; *herbaceus* 70:249; β *ecirratus* 68:459; var. *ecirratus* 70:58, 265; *lasioneuron* 70:253; *peduncularis* 70:249; *tamnifolius* 70:260
Coptis groenlandica 55:46, 151; 62:110, 113; 65:23, 91; 67:402; 72:281, 517; 75:318
Corallina officinalis 66:221, 225; 71:116, 123, 125, 133; 72:117, 200, 210-211, 237, 323-324, 333; 74:269, 411, 422-423
Corallinaceae 71:133; 72:209; 74:269; 75:274
Corallorhiza 54:140; *innata* 58:34; 68:460; *integra* 68:461; *maculata* 53:5, 82, 84-85; 55:141; 72:515; 74:141; f. *flavida* 52:44; 53:82; 55:141; *odontorhiza* 53:82, 87; 61:24; 70:485; 73:301; f. *flavida* 53:82; *ruppii* 68:460-461; *striata* 52:286; 55:141; *trifida* 55:141; 68:460-461; 72:515; var. *verna* 53:82, 85; 65:90
Corchorus 69:423; *aestuans* 69:423; *hirsutus* 69:423; *siliquosus* 69:423
Corculum leptopus 75:386
Cordia 69:437; *alba* 67:348; *alliodora* 67:348; 69:437; *bahamensis* 67:348; *bellonis* 67:348; *collococca* 67:348; 69:437; *dentata* 67:348; *gerascanthus* 67:348; *glabra* 67:348; 69:437; *globosa* 67:348; *lima* 67:348; *nitida* 69:437; *obliqua* 69:375, 437; *polyccephala* 67:348; 69:437; *rickseckeri* 67:348; 69:438; *rupicola* 67:348; *sebestena* 67:348; 69:438; *stenophyllum* 67:348; *sulcata* 69:438; *ulmifolia* var. *ovata* 69:437; *wagnerorum* 69:375
Cordyline guineensis 67:324
Corema conradii 72:14, 521, 529
Coreopsis 75:17; *angustifolia* 66:381; 71:34; *basalis* 60:26; *cordifolia* 71:357-358; *coronata* 71:398; *crassifolia* 71:398; *delphinifolia* 69:452; *delphiniifolia* 69:452; *drummondii* 60:26; *georgina* var. *nuda* 71:360; var. *pruinosa* 71:398; *grandiflora*

- var. *longipes* 56:162; *lanceolata* 71:34; *leavenworthii* 57:279, 289; *major* 71:34; *mutica* 64:257, 268; *pubescens* 71:34; *rosea* 63:236; *tinctoria* f. *atropurpurea* 53:133; *tripteris* 61:167; var. *deamii* 54:130; *verticillata* 60:126
- Coriaria atropurpurea* 74:249; *cuneifolia* 74:250; *japonica* 74:246; *microphylla* 74:249-250; *myritifolia* 74:244, 246; *nepalensis* 74:246; *phylicifolia* 74:249; *ruscifolia* 74:245-246, 248; subsp. *microphylla* 74:245, 249; subsp. *ruscifolia* 74:246, 248; *terminalis* 74:245, 247; *thymifolia* 74:249-250
- Coriariaceae 75:242
- Corispermum hyssopifolium* 60:300, 305; 72:285
- Cornaceae 52:296; 55:178; 75:319
- Cornicularia ochroleuca* 54:277
- Cornucopiae hyemalis* 68:438
- Cornus* 52:227; *alternifolia* 52:296; 55:179; 57:322; 58:247; 60:68; 67:374; 72:522; *amomum* 52:296; 61:21; 72:79; subsp. *microcarpa* 75:396; *canadensis* 55:45-46, 178, 295; 65:23, 84, 93; 67:402; 70:278-279, 280 (pl. 1381), 281; 72:522; 75:319; f. *alpestris* 70:279; f. *elongata* 70:278-279, 281; f. *purpurascens* 70:278; var. *alpestris* 70:279, 281; var. *intermedia* 70:278-279; \times *suecica* 70:279; *florida* 51:155; 54:64, 132; 56:84, 87 (map 6); 58:39; 60:206; 63:66-67, 146; 64:136; 66:312; 70:568-569; 71:437; 72:11; 73:501, 504, 506, 508, 510; cv. *rubra* 70:570; cv. *xanthocarpa* 70:568-569; f. *rubra* 54:256; 70:570; f. *xanthocarpa* 70:568; var. *urbiniana* 56:84; *purpusii* 75:396; *racemosa* f. *nielsenii* 52:58; *rugosa* 53:9; 55:179; *sericea* 55:178; *stolonifera* 51:111; 52:296; 55:42, 47, 178; 61:26; 65:93; 72:522; var. *baileyi* 55:178; *suecica* 53:50; 54:227; 70:278-279; \times *unalaschkensis* 58:247; 70:278-279
- Coronaria flos-cuculi* 52:243
- Coronopus didymus* 53:22; 63:48, 55; 67:331; *procumbens* 63:48, 55
- Cortaderia* 68:99, 231; *bifida* 68:231-232; var. *grandiflora* 68:232; *rudiuscula* 68:231-232
- Coryanthes macrantha* 59:281
- Corydalis aurea* 53:158; 63:47, 53; subsp. *aurea* 55:152; *bulbosa* 70:296-298; *flavula* 55:225; 58:318; 63:47, 53; *intermedia* 70:297; *pauciflora* 65:217; *sempervirens* 53:12; 55:46, 152; 63:47, 52; 72:517; f. *candida* 52:47; *solida* 70:297; subsp. *solida* 70:298
- Corylaceae 52:293; 55:143; 58:127; 71:514
- Corylus americana* 58:128, 132; 60:67; 69:458; f. *missouriensis* 51:155; 58:128; *cornuta* 55:45-46, 143; 58:128, 130; 67:373; *heterophylla* 58:128
- Corynella dubia* 51:382; *pauciflora* 67:333
- Corynophlaeaceae 71:125; 75:269
- Coryphantha deserti* 56:211; *missouriensis* 70:33; *vivipara* 70:33
- Coscinodiscaceae 63:280
- Coscinodon rauii* 52:75
- Cosmarium* 63:278-279; *amoenum* 63:278; var. *tumidum* 63:278; *bioculatum* 63:278; 71:452; *biretum* var. *trigibberum* 64:54; *boeckii* 63:278; *botrytis* 63:278; 64:54; *broomei* 63:278; 64:54; *circularis* 63:278; *coelatum* 63:278; *connatum* 63:278; *contractum* 63:278; var. *papillatum* 71:452; *dentiferum* 64:54; *excavatum* 63:278; *formosulum* 64:54; var. *nathorstii* 64:54; *galeritum* 63:278; *globosum* 63:278; *gonatum* 63:279; *granatum* 64:54; *impressulum* 63:278; *intermedium* 63:278; *margaritaceum* 64:54; *margaritatum* 63:278; *meneghinii* 63:279; *moniliforme* 63:278; *monomazum* 64:54; *nitidulum* 63:279; 64:54; *orbiculare* 63:279; *orbiculatum* 64:54; *ornatum* 63:279; var. *protractum* 63:279; *pachydermum* 63:279; *panamense* 64:54; *portianum* 63:279; *protractum* 64:54; *pseudoconnatum* 63:279; 64:54; *punctulatum* 63:279; 64:54; 71:454; *pyramidatum* 63:279; *quadrum* 63:279; 64:54; *regnellii* 63:279; *regnesii* 63:279; *reniforme* 63:279; 64:54; *repandum* f. *minor* 63:279; *speciosum* 63:279; *sullobatum* 63:279; *tumidum* 63:279; *undulatum* 63:279; var. *minutum* 63:279; var. *wollei* 63:279; *viride* 63:279
- Cosmocladium hitchcockii* 64:54
- Cosmos* 51:6; 69:448; 71:319, 369; *bipinnatus* 60:26; 71:412; *caudatus* 62:124 (fig. 5), 125; 69:448; *concolor* 71:319; *diversifolius* 63:127; 64:268; 71:319, 411; *palmeri* var. *palmeri* 65:229, 232 (fig. 21), 237; *sulphureus* 54:259; 69:448
- Costaricia werckleana* 63:75-76, 77 (pl. 1256), 78
- Cottendorfia rusbyi* 71:223
- Cotula coronopifolia* 53:270; 72:378; *plumosa* 75:241
- Couroupita* 69:432; *guianensis* 69:432

- Coursetia brachyrhachis* 51:381; *glandulifera* 51:382; *mollis* 51:382; *ochroleuca* 51:382
Cowania stansburiana 53:204
Cracca 51:197-199, 205-208, 222, 233, 315, 380-382; 69:412; *adunca* 51:377; *affinis* 51:256; *ambigua* 51:305, 316; *angustifolia* 51:276; *angustissima* 51:305, 377; *aniloides* 51:380; *arcuata* 51:242; *astragalina* 51:380; *axillaris* 51:353, 355; *benensis* 51:378; *bicolor* 51:380; *bracteolata* 51:376; *brandegei* 51:378; *brevipes* 51:378; 69:373; *californica* 51:284, 287; *calva* 51:256, 258-259; *cana* 51:284; *caribaea* 51:380; 67:333; 69:412; var. *edwardsii* 51:380-381; var. *landulifera* 51:380; f. *dubia* 51:381; *carpenteri* 51:312, 314; *cathartica* 51:378; 67:333; *chapmanni* 51:312, 314; *chrysophylla* 51:311, 316; *chapmannii* 312; *cinerea* 51:378; 67:333; *collina* 51:381; *constricta* 51:381; *conzattii* 51:259; *corrallicola* 51:378; *corumbae* 51:381; *crassifolia* 51:353; *cuernavacana* 51:261; *curtissii* 51:378; *decumbens* 51:378; *diversifolia* 51:369; *dolichocarpa* 51:381; *domingensis* 51:378; *edwardsii* 51:381; var. *glabella* 51:381; var. *sericea* 51:381; *filiformis* 51:381; *flexuosa* 51:293, 297; *floridana* 51:315-317; *foliolosa* 51:246; *frutescens* 51:381; *glabrescens* 51:381; *glandulifera* 51:382; *gracillima* 51:305; *grandiflora* 51:372; *greenmannii* 51:382; *hamata* 51:288-289; *heterantha* 51:382; *heydeana* 51:242; *hirta* 51:378-379; *hispidula* 51:299; *holosericea* 51:267, 276; *hypoleuca* 51:338-339, 372, 378-379; *intermedia* 51:315-317; *kuntzei* 51:382; *lanata* 51:353, 356; *langlassei* 51:345; *latidens* 51:267, 275; *leiocarpa* 51:256; *leptostachya* 51:378; *leucantha* 51:262, 264-265; *leucosericea* 51:267; *lindheimeri* 51:321; *littoralis* 51:379; *lupinoides* 51:360; *macrantha* 51:247; *madrensis* 51:320; *major* 51:361; *melchiana* 51:361; *micrantha* 51:382; *mohrii* 51:267, 275; *mollis* 51:382; *multifolia* 51:242; *nicaraguensis* 51:332; *nitens* 51:336; *noctiflora* 51:379; *ochroleuca* 51:382; *onobrychoides* 51:276, 280; *oroboides* 51:382; *pachypoda* 51:360; *palmeri* 51:288; *perriniana* 51:378-379; *piscatoria* 51:379; *platyphylla* 51:371; *potosina* 51:324; *pringlei* 51:330; *pumila* 51:382; *purpurea* 51:233, 379; 69:373; *rhodantha* 51:262, 264; *roseana* 51:262, 264; *rugelii* 51:290; *rusbyi* 51:379; *schiedeana* 51:251; *schottii* 51:379; *seemanni* 51:328; *senna* 51:380; *sericea* 51:351, 381-382; *smallii* 51:315; sp. 51:205, 208; *spicata* 51:292; *flexuosa* 51:293; var. *flexuosa* 51:293; *stipularis* 51:382; *submontana* 51:335; *syriaca* 51:198; *talpa* 51:332; *tenella* 51:380; *tepicana* 51:318; *texana* 51:276, 280; *thurberi* 51:265; *toxicaria* 51:249; *velutina* 51:353, 360, 382; *venosa* 51:382; *vicioides* 51:380; *villosa* 51:380; δ *cinerea* 51:380; *virginiana* 51:267, 275, 292; *holosericea* 51:267; *vogelii* 51:376; *wallichii* 51:380; *watsoniana* 51:351
Crafordia 51:234; *bracteata* 51:234, 380
Cranichis diphylla 67:325; *grandiflora* 59:248; *tenuis* 58:290
Crantzia ambigua 67:352
Crassina elegans 67:355; *multiflora* 67:355
Crassulaceae 53:89-90; 56:96; 63:50-51; 69:408; 72:460, 462; 75:318; trib. *Anomalae* 53:89; trib. *Diamorpheae* 53:89
Crataegus 52:295; 54:14, 17; 69:306; 72:565; 75:298; *anomala* 69:307; *arnoldiana* 69:307; *basilica* 69:307; *beckwithiae* 69:307; *biltmoreana* 69:307; *brainerdii* 69:307; var. *asperifolia* 69:307; var. *cyclophylla* 69:307; var. *egglestoni* 69:307; var. *scabrata* 69:307; *brumalis* 69:307; *brunetiana* 69:307; var. *fernaldii* 69:307; *chadsfordiana* 69:307; *chrysocarpa* 69:307; 72:519; var. *bicknellii* 69:307; var. *phoenicea* 69:307; *coccinea* var. *macracantha* 51:111; *collina* 62:240; 63:20; *columbiana* 55:54; var. *piperi* 55:80, 166; *crusgalli* 60:320; 69:307; var. *exigua* 69:308; *dilatata* 69:308; *dodgei* 69:308; *douglasii* 52:276; 55:54, 80, 167; *faxoni* 69:308; var. *praetermissa* 69:308; *flabellata* var. *grayana* 69:308; *foetida* 69:308; *fretalis* 69:308; *holmesiana* 69:308; var. *villipes* 69:308; *idaea* 69:308; *insolens* 69:308; *intricata* 69:308; var. *straminea* 69:308; *irrasa* var. *blanchardii* 69:308; *jesupi* 69:308; *jonesae* 69:308; 72:519; *lemingtonensis* 69:308; *levis* 69:308; *littoralis* 69:308; *macrosperma* 69:308; 72:519; var. *acutiloba* 69:308; var. *demissa* 69:308; var. *matura* 69:308; var. *pentandra* 69:308; *media* 69:308; *membranacea* 69:308; *monogyna* 69:308; 72:13; *oakesiana* 69:308; *oxyacantha* 69:

- 308; *pedicellata* 69:308; var. *albicans* 69:308; *phaenopyrum* 69:308; *pilosa* 69:308; *porteri* var. *caerulescens* 69:309; *pringlei* 69:309; var. *exclusa* 69:309; *pruinosa* 69:309; var. *dissona* 69:309; var. *latisepala* 69:309; *punctata* 69:309; var. *aurea* 69:309; *randiana* 69:309; *rotundata* 69:309; *rugosa* 69:309; *schizophylla* 69:309; *shirleyensis* 69:309; *spatiosa* 69:309; *stonei* 69:309; *submollis* 69:309; *suborbiculata* 69:309; *succulenta* 69:309; 72:519; var. *macracantha* 51:111; 69:309; var. *neofluvialis* 69:309; *uniflora* 73:488, 492, 503, 505; *websteri* 69:309
- Crataeva gynandra* 69:373; *tapia* 69:373
- Craterospermum* 64:57
- Cratoneuron filicinum* 59:26; 62:163
- Creonectria atrofusca* 65:303
- Crepis* 54:17; *capillaris* 55:19; 67:197; 71:174; 74:394; *nana* 54:141; 55:252; 65:223; *pulchra* 51:145; 60:26; *tectorum* 53:129; 74:394
- Crescentia* 69:442; *cujete* 69:442
- Cressa truxillensis* 52:20, 137
- Cristaria coccinea* 70:41
- Critonia hebebotrya* 74:503; *portoricensis* 67:355
- Crocanthemum* 51:366; 67:201; 69:184-186, 192; sect. *Lecheoides* 67:68, 201; sect. *Spartioides* 67:68, 201; 69:192; *aldersonii* 67:279; *arenicola* 67:264; *argenteum* 67:305; *berlandieri* 67:260; *bicknellii* 67:269; *brasiliense* 67:65; 69:186; *canadense* 51:366; 67:255; *carolinianum* 67:65, 201, 212; 69:186; *corymbosum* 67:288; *domingense* 67:302; *dumosum* 67:214; *exaltatum* 67:289; *georgianum* 67:291; *glomeratum* 67:299; *majus* 67:269, 272; *nashii* 67:266, 268; *nutans* 67:284; *occidentale* 67:276; *pringlei* 67:294; *propinquum* 67:274; *rosmarinifolium* 67:302; *scoparium* 67:279; *stenophyllum* 67:302; *stipulatum* 67:70, 291, 293; *thyrsoideum* 67:266, 268
- Crocus* 51:6; *vernus* 53:82, 88
- Crookea* 63:10; *microsepala* 59:76; 63:15; 64:152
- Croomia* 51:125
- Croptilon* 62:63; *divaricatum* 67:217-218, 231; var. *divaricatum* 67:218; var. *hirtellum* 67:218, 229; var. *hookerianum* 62:321; 67:218, 235; *hookerianum* 62:321; 67:325
- Crossandra* 69:443; *infundibuliformis* 69:443
- Crossopetalum* 69:421; *rhacoma* 67:338; 69:421
- Crotalaria* 69:412; *angulata* 64:89; *berteriana* 69:373; *breviflora* 71:550; *incana* 57:286; 69:412; 73:50; *lanceolata* 75:391; *latifolia* var. *egger-sii* 69:373; *linaria* 57:286; *maritima* 64:89; *mucronata* 69:373; *retusa* 69:412; *rotundifolia* 57:286; 64:89; 73:493; *sagittalis* 57:267; 61:268; 64:91; var. *fruticosa* 69:373; *saltiana* 67:333; 69:373; *stipularis* 63:18; *striata* 57:279, 286; 63:18; 67:333; 69:373; *verrucosa* 69:412
- Crotalus lepidus* 71:69
- Croton* 69:389, 419; *abruptus* 62:77, 79; *alabamensis* 71:94, 95 (map 1), 96 (fig. I), 97, 98 (fig. II), 99-100, 101 (fig. III); 75:371; *argyranthemus* 73:494; *astroites* 69:419; *betulinus* 69:419; *capitatus* 64:157 (fig. 20); 71:32; 73:494; 74:382; var. *lindheimeri* 60:17; 64:151, 157 (fig. 20); *discolor* 75:417; *eluteria* 66:13; *engelmanni* 60:17; *floridanus* 57:286; 72:22; *glandulosus* 72:21-22; 73:111; var. *floridanus* 72:21-22; var. *glandulosus* 72:21; var. *septentrionalis* 72:22; 74:382; var. *simpsonii* 72:21-22; *lindheimeri* 60:17; *linearis* 75:417; *lobatus* 69:419; *monanthogynus* 74:382; *ovalifolius* 69:393, 419; *punctatus* 70:225; *rigidus* 69:419; *suaveolens* 62:77; *texensis* 74:144; *trinitatis* 67:337
- Cruciferae* 52:294; 54:85, 182, 260; 55:152; 63:47, 211; 64:150; 71:563; 75:318, 416, 622
- Crucigenia rectangularis* 71:454; *truncata* 64:54
- Cruoriaceae* 72:214
- Cryphaea glomerata* 53:119, 127
- Cryptantha celosioides* 70:32; *jamesii* var. *multicaulis* 51:20; *macounii* 63:44; *thyrsiflora* 56:208, 211
- Cryptocolea imbricata* 60:223
- Cryptogramma crispa* 64:210; *stelleri* 55:53, 79, 100; 56:244; 61:22; 68:413 (fig. 7, map), 417; 70:180, 187
- Cryptomeria japonica* 73:213
- Cryptomonas erosa* 71:470; var. *reflexa* 71:470; *marssonii* 71:470; *ovata* 71:470
- Cryptonemiales* 71:133; 72:208; 73:283
- Cryptophila pudica* 59:260
- Cryptophyceae* 71:470
- Cryptospora pulviniceps* 71:194
- Cryptostegia* 69:435; *grandiflora* 57:287; 69:435
- Cryptotaenia canadensis* 64:230
- Ctenidium molluscum* 62:167; *procer-rimum* 54:51
- Ctenitis effusa* 67:359; *excelsa* 63:34;

- hirta* 67:359; *nemorosa* 67:359; *pro-*
tensa 63:34; var. *funesta* 63:34;
subincisa 67:359
Ctenium aromaticum 51:127; 71:31
Ctenomeria 69:242
Cuchumatanea 68:139; *steyermarkii*
 68:139, 140 (figs. 1-4, 6-11), 143-
 144
Cucumis 69:447; *anguria* 69:447;
sativa 69:447
Cucurbita lagenaria 67:354; 69:447;
moschata 67:354
Cucurbitaceae 55:194; 67:354; 69:446;
 72:37
Cucurbitaria echinata 71:194-195;
seriata 65:303-304; *setosa* 71:194;
ulmicola 61:106
Cudonia 56:108
Cudoniella 56:108
Culcita conifolia 66:111
Cupania 69:422; *americana* 69:393
Cuphea 52:185, 187; 71:481, 485-486,
 492; sect. *Heterodon* 52:186; 71:481,
 492; sect. *Leptocalyx* 71:481, 492;
 ser. *Bustamantae* 71:481-482, 492;
 ser. 3 71:482; *asper* 52:185; *balsa-*
mona 60:19; *bustamanta* 71:481-
 482, 483 (fig. 1), 485-486, 489; f.
reipublicae 71:484-485; var. *reipub-*
licae 71:485; *calaminthifolia* 71:481-
 482, 483 (fig. 2), 487, 489-492; *car-*
thagenensis 52:185; 60:19; 68:423;
 71:33; 75:393; *corniculata* 71:481,
 487, 489-491; *debilis* 71:481, 487,
 490-491; *imberbis* 71:481, 487, 490-
 492; *koehneana* 71:492; *micrantha*
 67:342; *parsonsia* 67:342; *paucipe-*
tala 71:492; *petiolata* 52:185-187;
 68:423-424; *procumbens* 52:185-186;
reipublicae 71:482, 484-485; *visco-*
sissima 52:185-186; *wrightii* 52:185
Cupressus 56:256; *arizonica* 73:375;
sabinoides 56:169-170, 175, 177
Curcas curcas 67:337; 69:420; *hernan-*
diaefolius 67:337
Curculigo capitulata 69:373
Curtia gentianoides 57:104
Curvularia inaequalis 73:308
Cuscuta 69:436; 73:375; *americana*
 69:436; *attenuata* 73:575-576; *cam-*
pestris 54:257; 55:225; 57:287; 60:
 66; 67:348; *compacta* 73:575; *cuspi-*
data 73:575; *glabrior* 52:37; *glan-*
dulosa 67:348; *globulosa* 67:348; 69:
 436; *glomerata* 63:44; *gronovii* 71:
 33; 72:524; *obtusiflora* var. *glandu-*
losa 67:348; *pentagona* 67:348; sp.
 69:435-436; *verrucosa* 52:37
Cuscutaceae 67:347
Cyanophyceae 71:116, 447; 74:411,
 447; 75:54
Cyanophycophyta 75:260, 282, 293-
 294
Cyanophyta 63:280; 66:224; 67:252;
 71:116; 73:267
Cyanus segetum 74:344
Cyathea 70:2; 75:144, 323; *aquilina*
 67:356; *arborea* 69:393; 71:13; *at-*
tenuata 73:17; *bicrenata* 71:15;
bonapartii 73:16; *borinquena* 67:
 356; *bourgaei* 73:11; *brunei* 73:13,
 15; *caesia* 73:13; *caribaea* 63:32;
crassipes 73:16; *escuquensis* 67:356;
gardneri 73:17; *glauca* 73:11;
grandifolia 63:32; *hirsuta* 71:14;
hodgeana 63:31; *horrida* 67:356; 73:
 11; *imrayana* var. *caribaea* 63:32;
incurvata 73:17; *insignis* 73:9;
mamillata 73:17; *mexicana* 73:11;
moniliformis 73:9-10; *munchii* 73:
 12; *panamensis* 74:450; *princeps*
 73:1, 11; *pubescens* 74:445; *quindi-*
nensis 73:15; *steyermarkii* 74:448
 (figs. 17-19), 449-450; *tannaysiana*
 73:17-18; *weatherbyana* 75:144; *wil-*
soni 67:356; *youngensis* 73:16
Cyatheaceae 67:356; 71:7; 74:441
Cyclanthaceae 65:1
Cyclodium meniscioides 74:447
Cycloloma 59:160; *atriplicifolium* 59:
 160; 60:14, 300, 305; 68:519
Cyclosporum leptophyllum 67:344
Cyclotella bodanica 64:54; 71:467;
 var. *stellata* 64:54; *compa* 71:467;
comta 64:54; *glomerata* 71:467;
stelligera 71:467
Cydonia oblonga 64:357
Cylindrocapsa 64:57; *geminella* var.
minor 63:276
Cylindrocapsaceae 63:276
Cylindrocephalum sp. 73:308
Cylindrocystis americana 63:278; *bre-*
bissonii 58:119; 63:278; *cylindro-*
spora 58:119
Cylindrospermum 64:57; *catenatum*
 67:252; *marchicum* 67:252
Cymbalaria muralis 53:270
Cymbella aspera 64:54; sp. 63:280;
tumida 64:54; *ventricosa* 71:467
Cymbellaceae 63:280
Cymbopogon bequaertii 52:249
Cymodocea manatorum 67:317
Cymodoceaceae 67:317
Cymophora 70:241; *pringlei* 70:241
Cymophyllus 75:248; *fraseri* 75:252-
 253
Cymopterus fendleri 74:83; *macrorhi-*
zus 54:128
Cynanchum 69:435; *aemulans* 62:237;
anegadense 67:346; *astephanoides*
 62:238; *cheesmanii* 67:346; *crassi-*
usculum 62:237; *decaisneanum* 67:
 346; 69:435; *domingense* 62:237;

- ekmanii 62:237; ephedroides 67:346;
 glabrius 62:237; gonnavense 62:237;
 gracile 62:238; graminifolium 75:
 420; grisebachianum 67:346; hai-
 tiensa 62:238; inaguense 66:13;
 leptocladum 62:238; leptophyllum
 62:238; lineare 67:346; monense
 67:345; nigrum 53:240; occidentale
 62:238; palustre 57:287; parviflorum
 67:346; 69:435; picardae 62:238;
 scoparium 57:287; stenoglossum 62:
 238; tylophoroides 62:238
Cynoctonum 64:147; 72:27; angusti-
 folium 72:28; mitreola 52:36; 57:
 287; 64:91, 152; 72:28, 30; sessili-
 folium 52:265; 64:89; 71:33; 72:28,
 30; var. angustifolium 72:28-29;
 var. microphyllum 72:28; var. ses-
 silifolium 72:28; succulentum 72:
 28-30
Cynodon 68:98, 283; dactylon 56:180;
 57:283; 61:248; 62:181; 67:319;
 68:283
Cynodontium schistii 64:124
Cynoglossum boreale 51:6, 8; 53:14;
 55:187; furcatum 67:349; glomera-
 tum 70:32; virginianum 53:13
Cynomarathrum saxatile 60:269
Cynosciadium digitatum 52:36; 74:148
Cynosurus cristatus 54:224; 72:510;
 echinatus 58:43; 59:17
Cypella 64:291-292, 303; coriifolia 64:
 306; cyrtophylla 64:295; good-
 speediana 64:311; grandis 64:304;
 lutea 64:308-309
Cyperaceae 52:293; 55:126; 63:211;
 64:148, 168; 65:26, 29; 66:11; 67:97,
 320; 68:450; 69:306; 70:222; 71:31,
 62; 73:48-49; 75:114, 315, 413; sub-
 fam. Caricoideae 74:329; subfam.
 Rhynchosporoideae 64:349-350; trib.
 Dulichieae 64:349
Cyperus 67:97; 72:535; 75:413; acu-
 minatus 66:280; aristatus 70:399,
 403-405; 75:413; brevifolius 51:119-
 120; 65:26, 32-33; 67:320; brunneus
 67:320; calcicola 67:320; cayennen-
 sis 67:320; compressus 52:22; densi-
 caespitosus 67:320; dentatus 64:349;
 65:26, 30; 73:255; 75:379; diandrus
 65:26, 30; 66:280; difformis 67:320;
 72:284; 75:379; diffusus 74:328;
 digitatus 67:320; eggersii 67:320;
 engelmannii 65:26, 32-33; 74:142;
 erythrorhizos 51:11; 60:317; 65:26,
 31; 74:142; esculentus 65:26, 30;
 72:285; 74:143; fendlerianus 74:83;
 ferax 67:320; 73:48; ferruginescens
 64:352-353; 65:26, 33; 74:143; fili-
 cinus 55:290; 65:26, 32; filiculmis
 53:267; 65:26, 31; var. macilentus
 51:10; 53:267; 65:26, 30; filiformis
 67:320; flavescens 73:105; var. poae-
 formis 52:22, 255; 60:206; 69:452;
 var. poiformis 69:452; flavus 67:
 320; flexuosus 67:320; fuscus 65:26,
 29; 71:433; globulosus 57:284; 75:
 414; granitophilus 70:394, 397 (fig.
 5, map), 399, 403-405; granularis
 67:320; grayii 54:167; 65:26, 32;
 71:23; grayioides 63:20; 65:81;
 houghtonii 65:26, 33; 74:294; im-
 bricatus 67:320; incompletus 67:320;
 inflexus 65:26, 31; 70:403; iria 67:
 320; 74:142; lancastriensis 56:228;
 74:142; lecontei 52:255; ligularis
 57:284; 73:49; martindalei 57:284;
 mutisii 67:320; nanus 67:320; var.
 subtenuis 67:320; obtusatus 67:320;
 odoratus 64:353; 65:26, 32; 66:11;
 67:320; ovularis 65:26, 29; 73:498;
 pedunculatus 67:320; peruvianus 67:
 320; planifolius 57:284; 67:320;
 polystachyos 67:320; 70:225; var.
 texensis 56:159; 57:284; 65:26, 32;
 pseudovegetus 57:284; radiatus 67:
 320; retrofractus 73:111, 498; rivu-
 laris 65:26, 30; rotundus 57:284;
 schweinitzii 56:228; sp. 70:32; stri-
 gosis 57:284; 60:67; 65:26, 30; 71:
 168; 73:255; 74:143, 294; var. ro-
 bustior 65:26, 33; swartzii 67:320;
 tenuis 67:320; unifolius 67:320;
 unioides 67:320; vahlii 67:320;
 ×weatherbianus 64:349-350; 65:26,
 33
Cypripedium 68:53; acaule 52:44, 293;
 53:82, 84; 55:140; 65:23, 90; 67:373,
 402; 71:108; 72:142, 143 (fig. 1),
 514; f. acaule 69:31; 71:168; f. albi-
 florum 53:82, 160; 69:31; 72:142;
 ×andrewsii 68:53, 56-57, 461-462;
 arietinum 52:44; 53:82, 86; 55: 78,
 139; 56:203; calceolus 54:201; 71:
 303; 75:491; subsp. parviflorum 75:
 491; var. calceolus 62:231; var. par-
 viflorum 52:43; 53:7, 82, 85; 55:82,
 139; 56:203; 62:231; 68:53-57; var.
 pubescens 52:43; 53:82, 85; 62:232;
 candidum 68:53-57, 461; ×favillia-
 num 68:462; guttatum 75:491;
 ×londonii 68:462; parviflorum 52:
 43; 55:139; passerinum 75:491;
 reginae 51:12; 52:62; 53:82, 85; 54:
 209; 56:246; 67:375
Cyrilla paniculata 66:19; racemiflora
 52:263; 64:151; 70:290; 71:32
Cyrillaceae 64:147, 151; 71:32
Cyrtospadix bicolor 67:323
Cyrtosperma johnstonii 62:252, 256
Cystoclonium 75:556, 585; purpureum
 66:226; 71:127, 135; 72:117; 74:269;
 var. cirrhosum 66:226; 72:200-201,
 214, 232, 237, 323, 333; 74:422

- Cystoderma* 71:178; *amianthinum* var. *amianthinum* 71:180; f. *rugosoreticulum* 71:180; var. *sublongisporum* 71:180; *pulveraceum* 71:180
- Cystopteris* *baenitzii* 63:181; *bulbifera* 51:148; 57:224, 228, 229 (fig. 16), 230, 236, 239; 58:79-80, 81 (fig. 1b), 81-82, 84, 87; 62:142; 63:185, 192; 67:92; 70:180, 187; 73:462-463; *dickieana* 54:164; 57:224, 228, 229 (fig. 18), 231, 236, 239; 58:79, 321, 324; 63:40, 181-182, 187; *fragilis* 51:109, 167; 54:48, 164; 55:97; 57:224, 228, 229 (fig. 17), 230-231, 236, 239; 58:79-80, 82, 87; 63:181-183, 185, 189; 71:504; 72:508; 75:239; f. *dentata* 53:130; f. *simulans* 57:228; var. *fragilis* 58:79, 83; 63:182 (fig. 1), 186 (fig. 2, map), 192; var. *laurentiana* 55:53, 76, 97; 58:79; 63:186, 188, 192; 68:413 (fig. 7, map), 417; 70:181, 184; var. *mackayii* 55:53, 97; 58:79-80, 82-87, (pl. 1224); 63:186, 188, 192; var. *protrusa* 58:79-80, 81 (fig. 1a), 82-87, (pl. 1224); 63:186, 188, 192; var. *simulans* 57:220, 224, 228, 229 (fig. 19), 230, 236, 239; 58:79-80, 85; 63:186, 192; var. *tennesseensis* 57:224, 229 (fig. 20), 230, 236, 239; 58:79-80; 63:186, 192; *montana* 53:7; 54:141; 58:87; 63:185, 192; 64:210; *tennesseensis* 57:228
- Cytisus* 51:249; *rhombofolius* 70:34; *sessiliflorus* 51:380
- Cytospora* sp. 73:308
- Dactylina* *arctica* 56:156
- Dactylis* *glomerata* 60:65; var. *ciliata* 72:510; var. *glomerata* 72:510
- Dactylococcopsis* *smithii* 67:252
- Dactyloctenium* 68:100, 283; *aegyptium* 56:180; 57:283; 68:283; 70:32
- Dahlia* 71:309-315, 318-319, 321, 340, 359, 362, 364, 367, 384, 392, 397, 405-406; sect. *Dahlia* 71:313, 322-323, 352; sect. *Entemophyllum* 71:313, 322-323, 340-341, 348, 357; sect. *Epiphyllum* 71:313, 322-323, 338; sect. *Neocaulon* 71:352; sect. *Pseudodendron* 71:313, 322, 326, 410; *acutiflora* 71:410; *apiculata* 71:313, 323, 342, 352, 356-357, 361 (map 5); *arborea* 71:330; *astrantiaeflora* 71:410; *atropurpurea* 71:313, 325, 365, 375-376, 377 (fig. 7); *australis* 71:313, 315, 325, 355, 376, 378-381, 383, 386, 388, 390, 393, 565; var. *australis* 71:313, 316, 379, 380 (map 6), 381-384, 386-387, 393, 565; \times *coccinea* 71:317 (fig. 1); var. *chiapensis* 71:313, 325, 379, 380 (map 6), 384, 385 (fig. 8), 386-387, 393; var. *liebmannii* 71:313, 326, 379, 380 (map 6), 383-384, 393; var. *serrator* 71:313, 324-325, 379, 380 (map 6), 386-387, 393; *barkeræ* 71:314, 326, 368-369, 375, 392 (map 7), 393-396; *bidentifolia* 71:397; *brevis* 71:313, 319, 326, 368-369, 382, 395; *cardiophylla* 71:313, 326, 357-359, 376; *cervantesii* 71:398; *chisholmii* 71:398; *coccinea* 71:309-310, 314-316, 326, 352, 362-364, 397-399, 401 (map 8), 405-410; var. *coccinea* 71:399, 405; var. *gentryi* 71:399, 405, 407; var. *palmeri* 71:399, 405-408; var. *steyermarkii* 71:399, 405-407; *coronata* 71:314, 398; *cosmaeflora* 71:352; *crocata* 71:397-398; *crocea* 71:398; *decaiseana* 71:352; *dissecta* 64:268; 71:313, 315, 334, 340, 343, 348-349, 351, 355, 382; var. *dissecta* 71:313, 323, 340, 343 (map 3), 344, 349, 351; var. *sublignosa* 71:313, 323, 343 (map 3), 344, 350 (fig. 4), 351; *dumicola* 71:330; *excelsa* 71:313, 323, 327-330, 338, 371; var. *anemonaeflora* 71:327; *foeniculifolia* 71:313, 323, 340, 343 (map 3), 344-345, 348; *frustranea* 71:398; *fulgens* 71:410; *gentryi* 71:398-399; *gigantea* 71:410; *glabrata* 71:352; *gracilis* 71:398; *hintonii* 71:313, 326, 372-373, 375; *imperialis* 71:309, 313-314, 323, 326, 328-330, 332 (map 1), 334-335, 338-339, 355, 363, 382; *juarezii* 71:410; *lehmannii* 71:326, 330, 334-335; var. *leucantha* 71:330, 333; *linearis* 71:312-313, 315, 323, 343 (map 3), 344-345, 348; *macdougallii* 71:309, 313, 321, 323, 338-339; *maximiliana* 71:330, 371; *maxonii* 71:330; *merckii* 71:313-316, 317 (fig. 1), 321, 323, 326, 334, 341, 352, 354 (map 4), 355-356, 382, 393, 411; *mollis* 71:313, 324, 361 (map 5), 373, 374 (fig. 6), 375; *moorei* 71:313, 322, 324, 372; *pinnata* 71:310, 313-314, 316, 317 (fig. 1), 321, 325, 352, 359-360, 361 (map 5), 362-365, 368-369, 376, 411; var. *cervantesii* 71:398; var. *coccinea* 71:398; var. *gracilis* 71:398; var. *nana* 71:359; var. *variabilis* 71:360; *platylepis* 71:410; *popenovii* 71:398; *pteropoda* 71:313, 324, 367-368; *pubescens* 71:368-369, 395-396, 410; *purpurea* 71:360, 410; *purpusii* 71:313, 326, 358-359; *pusilla* 71:411; *repens* 71:411; *rosea* 71:310, 362, 411; *royleana* 71:411; *rudis* 71:313, 324, 365, 369, 370 (fig. 5), 373, 376; *rupicola* 71:313, 315-316, 317 (fig. 1), 323, 340, 343

- (map 3), 344-346, 347 (fig. 3), 348; sambucifolia 71:359; scapigera 64:268; 71:309, 314, 319, 326, 334, 342, 355, 382, 388, 390-391, 392 (map 7), 393-394, 396; var. arsenii 71:369, 393-395; var. australis 71:381-382, 393, 565; f. australis 71:381-382, 393, 565; f. purpurea 71:381-382, 393; var. liebmanni 71:383, 393; var. scapigera 71:393; f. merckii 71:352, 355, 393; f. scapigera 71:313; f. serrator 71:386, 393; var. typica f. typica 71:391; scapigeroides 71:313, 323, 341-342, 343 (map 3), 344, 357; var. apiculata 71:342, 356-357; var. typica 71:341; sherffii 71:314, 325, 376, 379, 380 (map 6), 381-382, 387-388, 389 (fig. 9), 390, 393; sphondyliifolia 71:411; superflua 71:360; tenuicaulis 71:313, 323, 329, 335, 336 (fig. 2), 337 (map 2), 338-339; tenuis 71:314, 326, 396; variabilis 71:312, 314, 360, 362, 411; var. excelsa 71:327; zimapani 71:411
- Dalbergia* 51:380; 69:412; *escastophyllum* 57:281, 286; 67:334; 69:412; *gummifera* 70:514; *laevigata* 70:500; *monetaria* 67:334
- Dalea alopecuroides* 52:299; *aurea* 57:291; 70:35; *candida* 70:47; *cathaginensis* 69:353; *compacta* 62:95; *domingensis* 67:333; 69:353; *enneandra* 57:291, 293; 58:287; 70:35, 431-432; *formosa* 51:20, 24; 56:208; *hallii* 56:25; *jamesii* 51:20; *laxiflora* 57:293; 58:287-288; 70:35, 432; *mutisii* 51:381; *nana* 52:170; *parviflora* 70:30; *purpurea* 70:47; *reverchonii* 56:25
- Dalechampia* 69:419; *scandens* 69:419
- Dalibarda repens* 65:23; 69:309, 316; 72:520
- Danthonia* 68:103, 245; *cirrhatta* 68:245; *compressa* 72:510; *sericea* 56:28, 181; 73:111, 498, 512, 514; *spicata* 52:293; 55:123-124; 62:94; 63:41; 65:88; 75:315; var. *pinetorum* 55:46, 80, 122-124; var. *spicata* 72:510; *thermalis* 55:123
- Daphne blagayana* 64:278, 280; *collina* 64:278; *mezereum* 67:196; *odora* 64:277, 279; *petraea* 64:278; *sericea* 64:278
- Daphnidostylis fendleriana* 74:83
- Daphnopsis americana* 64:278; subsp. *caribaea* 64:279-280; 69:375; *caribaea* 69:375
- Dasiphora fruticosa* 62:260
- Dasistoma macrophylla* 64:331, 333, 334 (pl. 1272)
- Dasya* 75:546-547, 549; *pedicellata* 71:528; 72:200, 225, 231-233, 237; 75:279, 546-547, 599 (figs. 22-23)
- Dasyaceae* 72:225; 75:279
- Dasystephana latifolia* 56:135
- Dasystema calycosa* 51:84; 62:131
- Datura* 69:441; *candida* 67:351; *fastuosa* 67:351; *innocua* 67:351; 69:441; *metel* 67:351; 69:441; *quercifolia* 56:161; *stramonium* 63:149; 69:441; *suaveolens* 67:351
- Daucus carota* 51:26; 60:65; 63:149; 69:433; 71:20, 26; 72:522; 73:461; *pusillus* 51:26; 52:265
- Decachaeta* 71:579; *ovatifolia* 74:504, 506
- Decodon verticillatus* 51:111, 117; 54:250; 55:15; 64:91; var. *laevigatus* 51:111; 72:522
- Deianira erubescens* 71:548, 550
- Delamarea attenuata* 71:126
- Delesseria alata* 66:249-250; var. *angustissima* 66:242 (fig. 3), 247, 250; *angustissima* 66:236, 244 (fig. 6), 245, 247, 249-250; *baerii* 66:234-235, 245-247, 250; var. *corymbosa* 66:246; *corymbosa* 66:235, 245-247; *rostrata* 66:246-247
- Delesseriaceae* 71:137; 72:224; 74:270; 75:279
- Delonix* 69:411; *regia* 69:411; 73:50
- Delphinium* 51:6; *ajacis* 62:110, 115; 63:43; *brachycentrum* 65:216; 71:505; *consolida* 62:110, 116; *exaltatum* 54:253; *glaucum* 53:158; *penardi* 52:168; *tricornis* 66:312; *virescens* 52:168; 75:136; subsp. *penardi* 52:168; subsp. *wootoni* 52:168
- Dendrobium* 59:242; *nobile* 53:69
- Dendropanax* 69:432; *arborescens* 69:432
- Dendropemon* 69:401; *bicolor* 67:328; *caribaeum* 67:328; 69:401; *purpureum* 67:328; *sintenisii* 67:328
- Dendrophthora flagelliformis* 67:328; *wrightii* 67:328
- Dendropogon usneoides* 67:323
- Dennstaedtia adiantoides* 67:360; *ampla* 63:76; *arborescens* 63:78, 80; *bipinnata* 67:360; *cicutaria* 67:360; *distenta* 63:78; 64:348; *divaricata* 63:78; *elmeri* 63:76; *erosa* 63:78; *glabrata* 63:76; *grandifrons* 63:78; *munchii* 63:78; *obtusifolia* 63:78, 80; 67:360; *orbignyana* 63:80; *ordinata* 67:360; *punctilobula* 57:236; 63:149; 65:87; 67:377; 72:508; 75:314; *rubiginosa* 67:360; *scabra* 63:76; *vagans* 63:80
- Dentaria* 51:53; 57:161, 165 (fig. 6, map); 59:179-180; *anomala* 57:162; 63:49, 53-54; *bulbifera* 57:167-168; *californica* 57:167; *concatenata* 57:

- 163; *digitata* 54:260; *diphylla* 53:7; 57:161, 164, 165 (figs. 3, 6, maps), 166-169, 171-172, (pl. 1206); 58:160; 59:179 (fig. 2, map), 180-181; 63:49, 52; 73:462; \times *maxima* 57:161; *dissecta* 57:165; *glandulosa* 57:169; *heterophylla* 57:161, 164, 165 (figs. 1, 2, 6, maps), 166-168, 171-172, (pl. 1206); 59:179 (fig. 2, map), 180-181; *incisifolia* 57:161; 63:49, 53; *laciniata* 55:156, 226; 57:161, 163-164, 165 (figs. 4, 6, maps), 166-169, 171-172, (pl. 1206); 58:83, 160; 59:179 (fig. 1, map), 180-181, 267-269; 61:269-270; 63:49, 53; 66:312; 75:158, 160; var. *alterna* 57:163; var. *coalescens* 57:164; var. *furcata* 57:164; var. *integra* 57:164; var. *lasiocarpa* 57:164; var. *latifolia* 57:164; var. *opposita* 57:163; \times *diphylla* 57:161; \times *heterophylla* 57:162; \times *maxima* 57:161; *macrophylla* 57:167; *maxima* 57:161, 163-164, 165 (figs. 5-6, maps), 166-169, 171-172, (pl. 1206); 63:49, 53; *multifida* 57:161, 164, 165 (figs. 1, 6, maps), 166-168, 171-172, (pl. 1206); 58:160; 59:179 (fig. 2, map), 180-181, 269; \times *heterophylla* 57:162; *pentaphylla* 57:167; *pinnata* 57:167; *polyphylla* 57:167; *savensis* 57:167
- Dermatocarpon aquaticum* 60:82; *miniaturum* var. *complicatum* 60:82
- Dermatolithon pustulatum* 72:200, 210, 237, 323, 333; 74:422
- Dermatophyllum* 70:521; *speciosum* 70:521, 528
- Dermocarpa olivaceus* 73:267; *prasina* 73:267; *violacea* 73:267
- Dermoloma* 71:184
- Derris* 51:201
- Deschampsia* 51:7; 68:103, 243; *atropurpurea* 67:380; *brevifolia* 54:51; *caespitosa* 55:42; 68:243-244, 440; subsp. *beringensis* 70:240; subsp. *caespitosa* var. *glauca* 65:212; var. *glauca* 53:266; 55:122; 71:506; var. *parviflora* 53:266; 72:510; *conferta* 68:243; *elongata* 51:7; 68:523; *flexuosa* 53:19; 55:51, 81, 122; 65:312; 66:144; 71:519; 75:315, 371; var. *flexuosa* 65:88; 72:510; f. *flavescens* 72:510; var. *montana* 65:88; 66:144
- Descurainia brachycarpa* 55:154; *pinnata* var. *brachycarpa* 55:154; 63:49, 53-54; *richardsonii* 63:49, 53-54; *sophia* 59:127; 63:49, 54; *streptocarpa* 62:13
- Desmanthus* 69:409; *depressus* 69:409; *illinoensis* 75:136; *virgatus* 67:332; 69:409
- Desmarestia* 75:573; *aculeata* 66:231; 71:126, 136-137; 72:116, 202, 320, 336; 74:129, 267, 417; *media* 71:153; spp. 71:155; 72:326; *viridis* 66:231; 71:126; 72:320, 336; 74:267, 411, 417
- Desmarestiaceae* 71:126; 74:267
- Desmarestiales* 71:126
- Desmidiaceae* 63:278; 67:252; 75:261
- Desmidium* 63:279; *aptogonum* 63:279; *baileyi* 63:279; 71:454; *grevelii* 63:279; *longatum* 63:279; *swartzii* 58:119; 63:279; 64:54; 71:454
- Desmodium* 52:15; 55:355; 59:243; 69:413; ser. *Americana* 52:135; ser. *Longibracteata* 52:137; ser. *Pauciarticulata* 52:136, 145; ser. *Stipitata* 52:137, 145; ser. *Stipulata* 52:136; *acuminatum* f. *chandonnetii* 52:138; f. *unifoliolatum* 52:138; *adscendens* 67:334; *affine* 67:334; *axillare* 67:334; 69:413; var. *acutifolium* 67:334; var. *stoloniferum* 67:334; *barbatum* 67:334; *bracteosum* 52:137-138; β *cuspidatum* 52:138; var. *longifolium* 52:138; *canadense* 52:137; 71:108; β *longifolium* 52:138; *canescens* 64:151, 157 (fig. 17); 73:493, 508, 510, 512, 514; *canum* 67:334; 69:413; *ciliare* 52:136; 68:363; *cubense* 67:334; *cuspidatum* 52:137-138; var. *longifolium* 52:138; *dillenii* 52:151, 154; *fernaldii* 52:137, 139, 145, 147-148; *floridanum* 52:139, 144-148; *glabellum* 52:137, 151, 154-155; *glabrum* 66:12; 67:334; 69:413; *glutinosum* 52:135-137; 56:248; f. *chandonnetii* 52:138; 57:268; f. *unifoliolatum* 52:138; *humifusum* 52:137, 155; *illinoense* 52:136; *intortum* 67:334; *laevigatum* 52:137, 139, 144, 148-149, 151; β *rhombifolium* 52:148; var. β *monophyllum* 52:149; *lineatum* 52:137; 64:62; *longifolium* 52:138; *marilandicum* 52:137; 74:292; *nudiflorum* 52:135-136; *nuttallii* 52:137, 139, 142, 144, 147; *ochroleucum* 52:136; *paniculatum* 52:137, 151-152; var. β *angustifolium* 52:152; var. *chapmani* 52:152; var. *epetiolum* 52:153; var. *pubens* 52:153-154; var. *typicum* 52:152-154; *pauciflorum* 52:135-136; *perplexum* 52:137, 154-155; *procumbens* 67:334; 69:413; *purpureum* 69:413; *rhombifolium* 52:139, 141, 144-145, 147-149, 151, 154; var. β 52:149; *rigidum* 52:137; *rotundifolium* 51:155; 52:35, 136; 64:62; f. *glabratum* 52:138; var. *glabratum* 52:138; *scorpiurus* 67:334; 69:413; *sessilifolium* 52:136; *strictum* 52:

- 137; 73:111; *tenuifolium* 52:137; *torreyanum* 52:140; *tortuosum* 57:286; 67:334; 69:413; *triflorum* 67:334; 69:413; *viridiflorum* 52:137-139, 142-144, 147; *wydlerianum* 67:334
- Desmotrichum undulatum* 75:270
- Deuterochonia* 71:35, 224; *longipetala* 71:224; *strobilifera* 71:224; var. *inermis* 71:225
- Deutzia scabra* 63:50, 54
- Deyeuxia* 66:277; *anthoxanthum* 68:250; *capitata* 68:250; *colorata* 66:277; *gracilis* 68:255; *imberbis* 68:249; *lagurus* 68:252; *leiopoda* 68:250; *mandoniana* 68:255; *nardifolia* 66:277; *nivalis* 68:250; *obtusata* 68:258; *phalaroides* 68:250; *picta* 68:251; *polystachya* 68:248; *rosea* 66:277; *subsimilis* 68:258; *sulcata* 68:256
- Diachora onobrychidis* 64:134
- Dialonectria cerea* 65:307; *fulvida* 65:307
- Diamorpha* 53:89; 66:87; *cymosa* 53:90; 66:47, 87, 88 (map 1), 89-90; 70:339, 401; *pusilla* 66:88, 90; *smallii* 66:88 (map 1), 89-90
- Dianthera ovata* 52:270
- Dianthus* 51:367; 52:244; *alpinus* γ *repens* 52:245; *armeria* 51:25; 52:244-245; 55:237; 62:108, 115; 71:25; *barbatus* 51:8; 52:244-245; 62:108, 115; *caesius* 51:367; *deltoides* 52:244-245; 59:33; 62:108, 115; 72:517; *plumarius* 51:8; 52:244-245; 62:108, 115; 72:517; *prolifer* 75:387; *repens* 52:244-245
- Diapedium assurgens* 67:352; 69:443; *krugii* 67:352
- Diapensia* 51:367; *lapponica* 55:219; 56:243, 250; 65:21; 67:380; 68:412 (fig. 5, map), 416; 74:359, 361 (fig. 1), 362 (fig. 2), 363 (fig. 3), 364 (fig. 4), 365, 367-368, 370-371, 373-375, 528
- Diarina festucoides* 75:369
- Diarrhena americana* 62:200; 75:369; var. *obovata* 62:200
- Diatoma anceps* 63:280; *hiemale* var. *mesodon* 64:54; *vulgare* 64:54
- Diatomaceae 63:280
- Diatrype stigma* 65:307
- Dicentra* 75:2; *canadensis* 51:30; 52:294; 63:47, 53; 72:492; 75:158, 161; *cucullaria* 51:30; 55:156; 58:318; 63:47, 52, 295; 72:492; 73:462; f. *purpuritincta* 51:30; *eximia* 63:47, 55; *formosa* 63:47, 55; *spectabilis* 63:47, 55
- Dicerandra densiflora* 60:23, 29
- Diceras phaseolus* 71:463
- Dichaea glauca* 59:247; *trichocarpa* 59:247
- Dichanthium annulatum* 60:91-92, 94-95, (pl. 1232); 67:317; 70:556; *sericeum* 58:140, (pl. 1226)
- Dichelyma capillaceum* 62:159; *falcatum* 62:170; 72:494; *pallescens* 62:159
- Dichodontium pellucidum* 62:170; 64:124
- Dichondra carolinensis* 64:91; *repens* var. *carolinensis* 52:38
- Dichothrix orsiniana* 58:119; *penicillata* 75:292
- Dichroma leucocephala* 56:256
- Dichromena* 67:114; *ciliata* 67:123-124, 321; *colorata* 57:284; 66:11; 67:321; 71:31; 73:49; 75:379; *inaguensis* 66:8, 11; *kuntzei* 67:116; *latifolia* 71:31; 75:380; *mandonii* 67:118; *radicans* 67:321
- Dichyllum oerstedianum* 67:338
- Dicliptera* 69:443; *assurgens* 57:288; 67:352; 69:443; *brachiata* 58:49; 63:20; 64:282-283; 67:181; *krugii* 67:352
- Dicranaceae 53:123; 62:147, 153
- Dicranella cerviculata* 62:153; *condensatum* 53:123; *flagellare* 53:123; *heteromalla* 53:123; 58:248; 62:153; var. *orthocarpa* 53:123; 62:153; *rufescens* 62:153; *schreberi* 62:153; *schreberiana* 62:153; *scoparium* 53:123; *subulata* 58:248; *varia* 62:153
- Dicranodontium denudatum* 72:494
- Dicranoglossum desvauxii* 63:35
- Dicranopteris bifida* 67:356; *flexuosa* 67:356; *pectinata* 67:356
- Dicranopygium omichlophilum* 65:5 (pl. 1276), 6 (pl. 1277), 7 (pl. 1278)
- Dicranum alatum* 52:73; *arcticum* 51:29-30; *bergeri* 58:248; 62:153; *bonjeani* 51:30, 123; 58:248; 62:153; var. *alatum* 52:73; *condensatum* 59:254; 62:153; *drummondii* 58:248; 62:153; *flagellare* 62:153; *fulvum* 62:153; *fuscescens* 51:123; 62:153; *montanum* 62:153; *muehlenbeckii* 62:153; 72:493; *rugosum* 62:153; *scoparium* 51:30, 123; 52:73; 58:248; 62:153; 71:21; f. *alatum* 52:73; *spurium* 62:154; *starkei* 51:123; *strictum* 62:170; *viride* 62:154
- Dictyosiphon chordaria* 73:281; *ekmanii* 71:126; *foeniculaceus* 71:115, 124, 126-127, 138; 72:116, 320, 336; 74:267, 417, 428; 75:270; *macounii* 72:320, 336
- Dictyosiphonaceae 71:126; 74:267; 75:270
- Dictyosiphonales 71:126; 73:277, 279
- Dictyosphaerium ehrenbergianum* 71:

- 454; pulchellum 63:277; 64:54; 71:454
 Dictyota 75:87-88; dichotoma 75:269
 Dictyotaceae 75:269
 Dictyoxiphium \times Tectaria 56:6
 Didymodon recurvirostris 62:154; rigidulus 62:154
 Didymopanax 69:432; gleasonii 67:344; morotoni 69:432
 Dieffenbachia hoffmanii 62:255-256; seguine 62:255
 Dielsiochloa floribunda 68:243
 Diervilla lonicera 53:10; 55:192; 64:18; 65:94; 67:373; 70:182; 72:525; sessilifolia 51:60
 Dieteria sessilifolia 58:282
 Digitalis 51:6; lutea 75:159; purpurea 70:46
 Digitaria 65:355; 68:105, 294; adscendens 65:357; 67:318; 68:294; argillacea 67:318; **diversiflora** 65:356; 69:372; filiformis 60:11, 30; var. villosa 60:208; horizontalis 67:318; 68:294-295; ischaemum 52:227; 60:65; 67:318; 69:31; lanuginosa 68:294-295; leiantha 68:294-295; panicacea 67:318; sanguinalis 51:8; 52:227; 55:225; 57:283; 58:37; 60:65; 63:341, 344; 65:357; 69:31; texana 60:11, 30; villosa 67:318; violascens 54:125; 67:318; 68:294-295
 Dilleniaceae 65:14
 Dilleniidae 70:425
 Dilomilis montana 67:326
 Dimorphococcus 64:57; lunatus 63:277; 71:454
 Dinobryon bavaricum 71:448, 449 (fig. 4), 463, 465; crenulatum 71:463, 464 (figs. 35-36), 465; cylindricum 71:448, 449 (fig. 3), 451, 463, 465; divergens 71:463, 465; sertularia 64:54; 71:465; sp. 63:280; suecicum 71:464 (fig. 38), 465; vanhoeffenii 71:464 (fig. 37), 465
 Dinophyceae 71:469; 73:285-286
 Diodia 69:445; apiculata 69:376, 393, 445; frankii 61:171; hirsuta 75:403; maritima 67:354; rigida 69:376; serulata 67:354; teres 59:160; 63:226; 71:33; 73:496; tetragona 66:379; virginiana 51:20; 55:16; 66:379; 70:34; 71:33; 75:403
 Dionaea 51:301; muscipula 51:126
 Diosanthos armerium 52:245; barbatum 52:245
 Dioscorea bulbifera 67:324; 75:414; cayennensis 67:324; esculenta 67:324; quaternata 64:89, 91; villosa 53:82, 87; 67:324; f. glabrifolia 53:82
 Dioscoreaceae 53:82; 29:242; 67:324; 75:414
 Diospyros 51:105; digyna 67:345; discolor 67:345; ebenaster 67:345; philippensis 67:345; sintenisii 67:345; virginiana 51:105-106; 66:312; 70:224-225; 72:79; f. pumila 62:131; var. pubescens f. **pumila** 62:131
 Dipholis 69:433; cubensis 67:345; salicifolia 69:433; sintenisii 67:345
 Diphyllia cymosa 72:492
 Diphyscium foliosum 53:123; 62:168
 Diplachne fascicularis 55:289; 63:134, 136; 67:319; halei 66:165
 Diplacrum sect. Sphaeropus 73:159; africanum 73:159-160; capitatum 73:160; longifolium 67:126; 73:160
 Diplandra 67:167; potamogeton 67:167
 Diplazium arboreum 67:357; callipteris 68:466; celtidifolium 68:466; cristatum 67:357; **legalloi** 68:466; **limbatum** 68:467; marginatum 68:467; pycnocarpon 57:234
 Diplocoma 62:64; villosa 62:68-69
 Diplodia sp. 73:308
 Diplopappus divaricatus 67:231; ericoides var. hirtella 74:84; scaber 62:66-67
 Diplophyllum albicans 60:216; apiculatum 60:211, 228, 229 (fig. 13, map), 243-244; var. obtusatum 60:228; incurvum 60:216; obtusifolium 60:228, 229 (fig. 13, map), 230
 Diplotaxis erucoides 53:22; 55:291; muralis 53:22; 63:49, 55, 346; 66:54; 75:388; tenuifolia 63:49, 55; 66:54
 Dipsacus laciniatus 55:268; sylvestris 60:174; f. **albidus** 60:175
 Dipteryx 70:337
 Dirca palustris 55:18; 56:203; 67:394, 395 (fig. 3, map); 69:458
 Discomycetes 56:105, 109
 Disporum calcaratum 65:185-186; cantoniensis 65:186-188; hamiltonianum 65:184; hookeri 55:62; lanuginosum 55:62; 65:187; 74:523-524; leschenaultianum 65:187; maculatum 55:61, 62 (fig. 1); 66:275; multiflorum 65:187; parviflorum 65:187; pitsutu 65:187; sessile 65:165, 187; smilacinum 65:188; smithii 55:62; 65:187; trachycarpum 55:62; 65:187
 Dissanthelium 68:101, 241; calycinum 68:241-242; macusaniense 68:241; minimum 68:241; peruvianum 68:241; trollii 68:241-242
 Dissotis 69:165
 Distichium capillaceum 62:152
 Distichlis 68:99, 230; humilis 68:230; spicata 57:283; 68:230; 70:442, 444-446; 74:411, 476; 75:57; γ margi-

- nata 68:230; var. andina 68:230; stricta 52:19; 59:123; 70:451
- Distylium* 70:425
- Ditaxis fasciculata* 67:337; 69:418; humilis 52:36; 56:211; laevis 56:209, 211
- Dithyrea griffithsii* 60:147, 151; wisli-zenii 52:294; 60:146-147, 150-152, (pl. 1233); var. palmeri 60:151
- Ditremexa hirsuta* 67:332; occidentalis 67:332; 69:411; sophera 67:332
- Ditrichaceae* 53:123; 62:147, 152
- Ditrichum cylindricum* 64:123; flexicaule f. *estellae* 52:74; lineare 62:152; pallidum 53:123; 59:253-254; 62:152; pusillum 53:123; 62:152
- Docidium* 64:57
- Dodecatheon* 75:115; amethystinum 55:226-227; f. *margaritaceum* 55:227; frenchii 57:325-326, 327 (fig. 1, map), 328, 329 (fig. 2b), 330 (fig. 3a), 331; 74:524; frigidum 55:251; 65:220; meadia 57:325-328, 329 (fig. 2a), 330 (figs. 3a-3b), 331; 58:318; var. *brachycarpus* f. *pallidum* 57:315; *radicatum* 74:83
- Dodonaea ehrenbergii* 67:338; *jamaicensis* 57:277, 286; *viscosa* 67:338
- Dodonaeaceae* 67:338
- Dolicholus minimus* 67:335; 69:414; *pyramidalis* 67:335; *reticulatus* 67:335; 69:414; *simplicifolius* 64:62
- Dolichos* 69:413; *lablab* 59:19; 69:374, 413
- Dolicotheca striatella* 62:167
- Doliocarpus brevipedicellatus* 69:375; *major* 69:375
- Domingoa haematochila* 67:326; *hymenodes* 67:326
- Dondia fruticosa* 67:329
- Donia squarrosa* 70:51
- Doronicum* 52:283; *mexicanum* 62:68-69
- Dothidea episphaeria* 71:193, 195
- Dothideales* 71:196
- Doxantha* 69:442; *unguis-cati* 67:352; 69:442
- Draba* 54:41; 55:229; 71:105, 107; *allenii* 63:49; *alpina* 54:49, 52, 54, 216; 55:250; 65:217; 71:505; var. *nana* 54:49, 52; *apiculata* 55:232-233; *aprica* 63:223-225; *arabisans* 53:7; 55:53, 152-153; 56:248; 57:301-303, 307; 63:49, 53; 68:413 (fig. 9, map), 417; 70:180-182; var. *canadensis* 55:152; var. *superiorensis* 55:153; *aurea* 55:235; *bellii* 65:211, 217; *borealis* 71:505; *brachycarpa* 63:224-225; β *fastigiata* 63:223; var. *fastigiata* 63:224; *cinerea* 54:279; *crassa* 54:7; *crassifolia* 55:235; *cuneifolia* 55:153; 59:126; 62:240; 63:20; var. *cuneifolia* 62:240; var. *foliosa* 62:240; var. *helleri* 53:131; var. *leiocarpa* 55:153; *densifolia* 55:247, 250; *eschscholtzii* 55:250; *fladnizensis* 54:49, 52, 216, 279; 61:32; *glabella* 63:49, 53; var. *me-gasperma* 53:4; *graminea* 55:109; *hirta* 54:52, 216, 279; 71:505; *incerta* 55:229, 232; *lorullensis* 62:13, 19; *lactea* 61:32; 65:217; *lanceolata* 55:235; 59:237-239; 61:269; 63:49, 53; 74:381; *lemmoni* 55:323-324; var. *cyclomorpha* 55:323; var. *incrassata* 55:323; var. *lemmoni* 55:323; *lonchocarpa* 55:234-235; var. *thompsonii* 55:235; *longipes* 65:217; *macrocarpa* 65:217; 71:505; *nemorosa* 55:153; 59:237; var. *leiocarpa* 55:53, 153; *neomexicana* 74:83; *nivalis* 55:234, 250; 71:505; var. *brevicula* 55:233-234; var. *elongata* 55:234; var. *exigua* 55:234; var. *nivalis* 65:217; var. *thompsonii* 55:235; *norvegica* 54:222, 226; 55:53, 81, 152; 68:410, 412 (fig. 4, map), 416; 70:184-185; *oligosperma* 55:230, 232; *paysonii* 55:233; *pectinipila* 55:230-232; *pilosa* 65:217; *pseudopilosa* 55:250; *pycnosperma* 56:248; 68:412 (fig. 6, map), 417; *ramosissima* 71:303; *reptans* 52:169; 55:153; 58:318; 62:240; 63:49, 53; var. *micrantha* 52:169; 55:153; var. *typica* 52:169; *stenoloba* 55:235; *verna* 62:262; 63:49, 54; var. *boerhaavii* 57:313; 62:262; 63:49, 54
- Dracocephalum* 51:121; 70:34; *cordatum* 70:431; *correllii* 51:120; *cuspidatum* 70:34-35; *formosius* 65:63; *intermedium* 65:61; *moldavica* 65:58; *nuttallii* 65:62; *parviflorum* 53:158; 55:188; 70:34; 71:172; *speciosum* 65:63; *virginianum* 51:121; 65:58, 63
- Dracopsis amplexicaulis* 70:353
- Draparnaldia glomerata* 63:276; 64:54; *judayi* 64:54; *plumosa* 58:117
- Drepanocarpus lunatus* 67:334
- Drepanocladus* 70:210; *aduncus* 62:163; var. *kneiffii* 62:163; var. *polycarpus* 62:163; *exannulatus* 62:163; 72:494; *fluitans* 58:249; 62:163; 72:494; var. *falcatus* 62:163; *revolvens* 54:158; 58:249; sp. 70:212; *uncinatus* 62:163; 70:207; var. *typicus* 51:123
- Drosera* 53:98; sect. *Bryastrum* 57:116; sect. *Phycopsis* 57:116; sect. *Psychophila* 57:116; sect. *Ptycnostigma* 57:116; sect. *Rossolis* 57:116; sect. *Thelocalyx* 57:116; *anglica* 53:17; 57:105-107, 108 (figs. 11-19),

- 111, 115, 117, 121-122, 123 (figs. 58-59), 124-129; 70:206-208; \times rotundifolia 57:108 (fig. 20), 117; binata 57:116; brevifolia 57:110 (fig. 27), 115-116, 118 (fig. 36); 71:32; burmanni 57:116; capensis 57:117; capillaris 57:110 (figs. 28, 31), 115-116, 118 (fig. 35); 71:32; cistiflora 57:116; filiformis 57:115-116; 59:228; 62:294; 63:50, 53; 65:273; 71:32; var. tracyi 57:115-116; 59:228; intermedia 55:162; 57:107, 110 (fig. 32), 111, 115-116; 58:247; 62:294; 63:50, 52; 65:91, 273; 71:32; 72:518; 73:258; linearis 53:17, 50; 57:106-107, 108 (fig. 2), 109-115, 117, 118 (figs. 33, 50), 119, 121-122, 123 (fig. 55), 124-129; 63:50, 53-54; \times rotundifolia 57:107, 108 (figs. 3-10), 110 (fig. 26), 111, 117, 118 (figs. 37-47, 51-52), 123 (figs. 56-57); longifolia 55:162; 57:106; \times obovata 57:106, 108 (figs. 20-24), 117, 127-128; pygmaea 57:116; regia 57:116; rotundifolia 53:17; 55:162; 57:106-107, 108 (fig. 1), 109-115, 117, 118 (figs. 34, 49), 119-122, 123 (fig. 54), 124-129; 58:59; 62:294, 333; 63:50, 52; 65:91; 70:206, 208; 71:20, 25; 72:518; 75:318; var. comosa 53:17; 57:120; 63:50, 53-54; 65:91; spathulata 57:117
- Droseraceae* 55:162; 63:50-51; 71:32; 75:318
- Drummondia prorepens* 62:158
- Dryas drummondii* 52:286; 53:7, 13; integrifolia 52:62; 54:40, 49, 53, 216; 65:218; 67:92-93, 381; 70:103-105, 108; f. intermedia 54:53, 285; subsp. integrifolia 70:105; octopetala 54:285; 55:248, 251; 65:218; f. canescens-argentea 65:218; subsp. punctata 54:285
- Dryopteris* 70:2, 221, 340, 346; abrupta 61:305; angustifolia 67:359; aspidioides 69:5; assimilis 64:208-211; 69:2; 70:340, 346-347; assurgens 69:5; austriaca var. austriaca 64:207, 209; bangii 69:5; biformata 69:5; boottii 57:236; \times boottii 57:238; 68:90; boqueronensis 69:5; borrieri 70:2; brittonae 67:359; campyloptera 55:225; 64:210-211; 69:1; 70:340-343, 344 (pl. 1386), 345-346; carthusiana 70:340; celsa 54:166; 66:255, 262-263; \times intermedia 66:263; chaerophylloides 67:359; clintoniana 57:236; 66:255; \times spinulosa 66:263; coarctata 69:5; consimilis 68:468; consobrina 69:5; cristata 53:20; 55:47, 98; 57:236; 65:87; 67:402; 72:508; 75:314; var. clintoniana 52:42; \times spinulosa var. intermedia 68:91; \times intermedia 66:255; \times spinulosa 68:90; \times spinulosa var. intermedia 68:90-91; decussata 67:358; deflexa 69:5; deltoidea 67:358; densa 69:5; dentata 67:359; desvauxii 69:7; dilatata 64:207-211; 68:127; 69:1-3; 70:340-343, 344 (pl. 1386), 345-347; subsp. campyloptera 69:2-3; \times intermedia 66:262; \times marginalis 66:262; diplazioides 69:6; disjuncta 55:46, 98; 65:87; domingensis 67:359; dominicensis 61:306; dumentorum 69:5; effusa 67:359; ensiformis 69:6; excelsa 63:35; falcata 69:6; filix-mas 52:42; 56:2; fragrans 70:346; 71:504; 73:105; var. remotiuscula 53:12; 55:98; 57:303; 68:413 (fig. 7, map), 417; 70:188; fructuosa 57:236; furva 69:6; germaniana 67:358; gigantea 69:6; glandulosa-lanosa 69:6; goldiana 57:236; 66:256, 275 (pl. 1302), 258 (fig. 1), 260, 261 (pl. 1303), 262-263, 264 (fig. 2), 265-266; 70:457; 72:491; 73:462-463; 75:167; \times intermedia 66:255-256, 257 (pl. 1302), 258 (fig. 1), 260, 261 (pl. 1303), 262-263, 264 (fig. 2); \times marginalis 68:90; \times spinulosa 66:262-263; gongyloides 67:358; guadalupensis 67:359; hastata 67:359; herzogii 69:6; hirta 67:359; intermedia 56:2; 57:236; 58:274; 64:208-210; 66:256, 257 (pl. 1302), 258 (fig. 1), 259-260, 261 (pl. 1303), 263, 264 (fig. 2), 265-266; 69:1-2; 70:340-343, 344 (pl. 1386), 345-346; \times marginalis 66:262; \times spinulosa 66:255; jamesonii 69:6; jurgensenii 69:6; laevigata 69:6; leprieurii 69:6; leptocladia 67:359; leucothrix 69:6; lindigii 69:5; linkiana 67:358; 69:6; linnaeana 55:98; f. glandulosa 68:133-134; longifolia 69:7; lugubrififormis 69:7; macbridei 69:7; macrotis 69:7; maderensis 64:208-209; marginalis 54:166; 56:2; 57:236; 64:210; 67:377; 70:182; 72:508; \times spinulosa var. intermedia 68:90; megalodus 67:359; membranacea 69:7; mollicella 68:468; mollis 69:7; nemoralis 69:7; nemorosa 67:359; nervosa 69:7; nitens 69:7; normalis 67:359; noveboracensis 58:39; 65:87; 67:376; oligophylla 61:306; 67:359; opposita 67:358; panamensis 69:376; parallelogramma 64:348; patens 67:359; pavoniana 69:7; permollis 69:7; peruviana 69:7; phacelothrix 69:7; phegopteris 52:42; 55:98; 58:321; 63:295; 65:87; 72:8; piedrensis 67:

- 358; pilosula 69:8; poiteana 67:359; pteroidea 69:8; pyramidata 61:306; reptans 67:359; reticulata 67:359; robertiana 52:227; 53:16; 55:98; 67:375; rolandii 69:8; rosei 69:8; rosenstockii 69:8; rusbyi 69:8; sancta 67:358; sclerophylla 67:359; \times separabilis 66:263; serra 67:359; serrata 67:359; simplicifrons 69:6; simulata 65:309; sloanei 61:306; spinulosa 55:46, 98; 57:219, 236-237; 58:274; 64:207; 65:23; 66:255, 259; 68:59-60, 67, 69-70, 76-77, 78 (graph 1), 79 (graph 2), 81, 82 (graph 3), 84; 69:1-2; 70:340, 342-343, 344 (pl. 1386), 345-346; var. americana 55:47, 98; 64:207, 210; 65:87, 313; 69:1, 3; 71:514; 72:508; 75:314; var. dilatata 55:80; var. fructuosa 55:98; var. intermedia 55:98; 65:87; 68:59, 60 (pl. 1320), 61 (pl. 1321), 63-67, 68 (pl. 1324), 69-71, 72 (pl. 1325), 73-77, 78 (graph 1), 79 (graph 2), 80-92; 72:508; \times var. spinulosa 68:60 (pl. 1320), 62 (pl. 1322), 64, 67, 68 (pl. 1324), 69-71, 73 (pl. 1326), 75-77, 78 (graph 1), 79 (graph 2), 80-82, 84-88, 90-92; var. spinulosa 65:87; 68:59-60, 63 (pl. 1323), 64-67, 68 (pl. 1324), 69-71, 73, 74 (pl. 1327), 75-77, 78 (graph 1), 79 (graph 2), 80-92; sprengelii 67:358; 69:376; standleyi 69:8; subandina 69:8; subincisa 67:359; subtetragona 67:359; thelypteris 60:295; var. pubescens 54:209; 60:69, 206; 63:149; 65:87; 71:22; \times triploidea 69:2; tristis 69:8; warmingii 69:8; wherryi 66:255, 263; \times intermedia 66:263
- Duchartrea sintenisii 67:352
 Duchesnea indica 69:309, 318
 Dufourea 56:112
 Dugesia mexicana 63:123 (fig. 12), 127; 64:265
 Duggena hirsuta 67:352; 69:445
 Dulichium arundinaceum 51:117; 54:254; 55:126; 64:349; 65:27, 29; 67:192, 373; 72:511; 73:255
 Dumontia incrassata 71:154; 72:200, 212, 232, 237, 323, 333; 73:283; 74:269, 423, 480-481
 Dumontiaceae 72:212; 74:269
 Dupontia fisheri 54:40-41; subsp. psilosantha 65:213
 Duranta repens 73:206
 Duroia 70:335; petiolaris 70:336
 Dussia 70:499, 515-516; cuscatlanica 70:501 (fig. 1, map), 516-517; grandifrons 70:517; martinicensis 70:515; mexicana 70:501 (fig. 1, map), 516
- Dyckia 71:35, 230; boliviensis 71:231; ferox 71:231; gracilis 71:231-232; leptostachya 71:230-231; mezeana 71:231; pulquinensis 71:230-231
 Dyschoriste linearis 52:172
 Dysodiopsis 64:5, 8, 11
 Dysodium divaricatum 74:12, 162, 175-176; radiatum 74:176
 Dyssodia 64:2; sect. Aciphyllaea 64:4, 11; sect. Adenophyllum 64:5, 11; sect. Boeberastrum 64:11; sect. Clomenocoma 64:4, 10; sect. Dyssodia 64:4, 10; sect. Gymnolaena 64:5, 11; sect. Hymenatherum 64:6-7, 12; sect. Thymophylla 64:5, 11; acerosa 64:4, 7 (fig. 5), 9 (fig. 9), 11, 14; anomala 64:13; anthemidifolia 64:11; aurea 64:7 (fig. 6); var. aurea 64:13; var. polychaeta 64:13; aurantia 64:10; aurantiaca 64:12; belednidium 64:5, 9, 12; cancellata 64:4, 11; 65:229, 232 (fig. 27); coccinea 64:11; concinna 64:11; cooperi 64:10; decipiens 64:7 (fig. 8), 10, 13; diffusa 64:13; gentryi 64:11; grandiflora 64:10; hartwegii 64:12; 65:229, 232 (fig. 28); integrifolia 64:11; jelskii 64:10; littoralis 64:11; micropoides 64:6, 7 (fig. 1), 9 (fig. 9), 13; 66:308; montana 64:10; mutica 64:13; neaei 64:13; neomexicana 64:6, 7 (fig. 2), 9 (fig. 9), 13; oaxacana 64:11; palmeri 64:11; papposa 53:225; 64:3-4, 10; pentachaeta 64:5-6, 12; pinnata 63:123 (fig. 19), 124, 128; 64:4, 10; porophylla 64:4, 11; porophylloides 64:10; remota 64:10; seleri 64:11; serratifolia 64:11; setifolia 64:6; var. greggii 64:12; var. setifolia 64:11-12; speciosa 64:10; squarrosa 64:10; subintegerima 64:4; tagetiflora 64:7 (fig. 7), 10; tagetoides 64:5, 11; tenuifolia 64:7 (fig. 4), 13; tenuiloba 64:6, 9, 12; tephroleuca 64:11; texana 64:13; thurberi 64:5, 12; treculii 64:7 (fig. 3), 13; wrightii 64:12
- Ebenaceae 67:345
 Ecastophyllum ecastophyllum 67:334; 69:412
 Echinacea 70:353; purpurea 70:49; var. arkansana 54:130; tennesseensis 73:304
 Echinocactus texensis 51:25; 52:20
 Echinocephalum 75:173, 180; latifolium 75:173, 180
 Echinocereus 53:94; reichenbachii 56:25
 Echinochloa 51:1; 56:207; 58:48; 68:107, 335; colona 67:318; colonum 51:3, 147; 67:318; crugalli 51:1-3,

- 11; 56:33; 66:280; 67:318; 72:511; f. *longiseta* 69:31; subsp. *muricata* 56:33; subsp. *zelayensis* 56:33; var. *frumentacea* 68:440-441; var. *macera* 56:34; var. *microstachya* 56:34; var. *muricata* 56:33-34; var. *zelayensis* 56:34; *crus-pavonis* 51:3; 67:318; 68:335; var. *decipiens* 51:3; *echinata* var. *decipiens* 51:3; *frumentacea* 51:3, 8; 68:441; *muricata* 51:1-2; 58:48, 331-332; 68:440; var. *ludoviciana* 51:2; 56:34; var. *microstachya* 51:2; 56:34; var. *multiflora* 51:2; var. *occidentalis* 51:2; *occidentalis* 51:2; *polystachya* 69:372; *pungens* 51:1-3; 58:48; var. *coarctata* 51:2-3; var. *ludoviciana* 56:34; var. *microstachya* 56:34; var. *occidentalis* 51:2; var. *wiegandii* 51:2; 60:67; *spectabilis* 69:372; *walteri* 51:3, 11; 59:262; 63:134; f. *laevigata* 52:54; *zelayensis* 51:3; 56:34; var. *macera* 56:34
- Echinocystis lobata* 55:194, 225; 72:526
- Echinodorus* 56:241; 57:133, 174, 202; subgen. *Echinodorus* 57:134, 142 (figs. 1-21), 150 (figs. 22-53), 154 (figs. 54-65); subgen. *Helianthium* 57:135-136; sect. *Nymphaeifolii* 57:135-136; sect. *Tenelli* 56:135-136, 205 (figs. 66-72); *andrieuxii* 57:133, 136, 142 (figs. 14-15), 150 (figs. 41-43), 175, 176 (map 7), 176-177, 211; *berteroi* 57:136, 139, 146-148, 152, 154 (fig. 55); 66:11; var. *berteroi* 57:140-141, 142 (figs. 2-5), 144 (map 2a), 145, 150 (figs. 25-27), 210-211; 67:317; var. *lanceolatus* 57:140, 142 (figs. 6-9), 144, 145 (map 2b), 150 (figs. 28-29), 210; *bracteatus* 57:136, 142, 150, 153-154, 155 (map 5); var. *bracteatus* 57:142 (fig. 12), 150 (figs. 37, 39), 154 (fig. 60), 174, 211-212; var. *efenestratus* 57:150 (fig. 39), 174, 212; *brevipedicellatus* 57:182; *cordifolius* 57:134, 135 (map 1), 137-138, 140, 144, 147-148, 150 (figs. 23-24), 154 (fig. 54), 155, 175, 210; 66:11; 67:317; β *berteroanus* 57:140; f. *lanceolatus* 57:144; var. *lanceolatus* 57:144; *ellipticus* 57:177, 179; γ *ovata* 57:175-176; f. *ovata* 57:175; var. *ovatus* 57:175; *floribundus* 57:148; *fluitans* 57:136, 155, 212; *grandiflorus* 57:136, 142, 148, 150, 152-153, 154 (fig. 58), 179; α *floribundus* 57:148; var. *aureus* 57:148, 152, 210; var. *floribundus* 57:148; var. *grandiflorus* 57:142 (fig. 10), 148, 149 (map 3), 150 (figs. 30-31), 154 (fig. 56), 210-212; var. *longiscapus* 57:148; var. *ovatus* 57:148, 152, 154 (fig. 57); *grisebachii* 57:136, 142 (fig. 16), 150 (fig. 51), 154 (fig. 63), 180 (map 10), 181, 210-211; *intermedius* 57:179-182; *isthmicus* 57:137, 203 (map 14), 204, 205 (fig. 69), 209 (map 18), 211; *longipetalus* 57:181-182; *longiscapus* 57:152; *macrophyllus* 57:137, 150 (figs. 35-36), 153, 154 (fig. 59); β *muricatus* 57:148, 152-153; *magdalenensis* 57:137, 203 (map 15), 204, 205 (fig. 71), 207, 209 (map 18), 212; *martii* 57:179; *muricatus* 57:136, 143 (fig. 11), 148, 150 (figs. 32-34), 152, 153 (map 4), 155, 211-212; *nymphaeifolius* 57:134, 136, 150 (fig. 53), 154 (fig. 65), 182, 183 (map 12), 210-211; *ovalis* 57:136, 142 (fig. 13), 150 (fig. 40), 154 (fig. 61), 174 (map 6), 175, 210; *palaefolius* 57:177; *paniculatus* 57:136, 142, 150 (figs. 44-49), 177, 178 (map 8), 179, 212; var. *dubius* 57:179; var. *paniculatus* 57:142 (figs. 17-20), 177; *parvulus* 57:134, 146, 185; 60:42; 61:291; *quadricostatus* 57:137, 203 (map 15), 204, 205 (fig. 72), 207, 209 (map 18); *radicans* 57:134, 137, 140; *rostratus* 57:140, 144, 146; f. *lanceolatus* 57:144; var. *lanceolatus* 57:142 (figs. 7-9), 144, 147, 150 (fig. 28); *sellowianus* 57:152; *subalatus* 57:179, 185; 71:550; *tenellus* 54:250-251; 55:15; 57:134, 137, 183, 186, 188, 202, 204, 206, 209; var. *ecostatus* 57:183-184, 185 (map 13b), 205 (fig. 68), 207, 209 (map 18), 211-212; var. *latifolius* 57:183, 188 (map 13d), 202-203, 205 (fig. 70), 206-207, 209 (map 18), 210-212; 67:317; f. *apanecae* 57:203; var. *parvulus* 57:183, 185, 187 (map 13c), 205 (fig. 67), 206 (figs. 73-74), 209 (map 18), 210-211; f. *randii* 57:188; var. *tenellus* 57:183-184, 185 (map 13a), 205 (fig. 66), 206 (fig. 75), 207, 209 (map 18), 212; *trialatus* 57:136, 142 (fig. 21), 150 (fig. 50), 154 (fig. 62), 179, 180 (map 9), 212; *tunicatus* 57:136, 150 (fig. 52), 154 (fig. 64), 181 (map 11), 182, 211; *virgatus* 57:135, 137, 142 (fig. 1), 150 (fig. 22), 211
- Echinops sphaerocephalus* 72:528; *spinulosus* 55:308
- Echinospermum virginicum* 51:111
- Echites agglutinata* 67:346; 69:435; *puberula* 70:36
- Echium vulgare* 55:187; 60:43; 65:368; 66:55

- Eclipta* 69:448; *alba* 70:238-239; *prostrata* 69:376, 448; *pusilla* 74:60
Ectocarpaceae 71:122; 74:266; 75:268
Ectocarpales 71:122; 73:277
Ectocarpus 75:570-571; *arctus* 71:122; *confervoides* 71:122; 72:116, 320, 336; 74:266, 417; 75:58, 268; var. *arcta* 73:277; var. *confervoides* 73:277; var. *dasycarpus* 73:277; 74:481; var. *siliculosus* 73:277; *elachistaeformis* 75:268; *fasciculatus* 71:122; 72:320, 336; *penicillatus* 75:268; *siliculosus* 71:122; 72:320, 336; 74:417-418; 75:268; *tomentosoides* 66:231; *tomentosus* 71:122; 74:421
Edgeworthia albiflora 74:438; *chrysantha* 74:436-438; *gardneri* 74:438; *longipes* 74:438; *papyrifera* 74:437; *tomentosa* 74:437
Egeria 67:155-156; *densa* 67:2, 26, 28, 156-157, 161, 163, 166, 168, 170; 74:135, 140; *naias* 67:166, 168-169
Ehretiaceae 67:348
Eichhornia 54:287; 75:443, 447, 486; *crassipes* 53:25; 67:323; 75:486-487; *diversifolia* 67:323; *subovata* 75:478
Elachista fucicola 66:231; 71:117-118, 125; 72:116, 320, 336; 74:267, 418, 428; 75:58, 62, 269; *lubrica* 71:125; 72:320; 74:297; sp. 75:269
Elachistaceae 71:125; 74:267; 75:269
Elaeagnaceae 55:176
Elaeagnus angustifolius 54:307; 63:44; 70:35; 74:148; *argenteus* 57:290; 70:35-36; *commutatus* 62:29; 70:35; *pungens* 60:18; *umbellatus* 74:148
Elaeocarpaceae 67:339
Elaeodendron xylocarpum 67:338; 69:421
Elakatothrix gelatinosa 71:454; *viridis* 71:453 (fig. 18), 454
Elaphoglossum crinitum 67:357; *dussii* 68:467; *flaccidum* 67:356; *longifolium* 67:356; *martinicense* 67:356; *maxonii* 67:356; *petiolatum* var. *dussii* 68:467; *philoselloides* 67:356; *pteropus* 67:356; *pumilum* 67:356; *rigidum* 67:356; *serpens* 67:357; *underwoodianum* 67:356
Elaphrium simaruba 67:336
Elatine 66:47; 75:115; *americana* 53:26; 56:96; 66:47, 50-52; 72:521; *brachysperma* 53:154-155; 66:47, 50-52; *minima* 54:227; 56:40; 57:308; 61:276, 283 (fig. 5, map), 284; 66:47, 50-52; 73:258; *rubella* 66:52; *triandra* 60:58; 66:48 (figs. 1-4), 50-53; f. *submersa* 60:58-59; var. *americana* 66:52; var. *andina* 66:51-53; var. *brachysperma* 66:50, 53; var. *genuina* 66:51, 53
Eleocharis 67:104; 70:221, 285, 573; *acicularis* 53:19; 54:167; 55:126; 56:226; 62:95-96; 65:27, 29; 66:127; 73:255; 75:57; var. *submersa* 65:27, 33; *albibracteata* 67:105, 107; var. *nubigena* 67:107-108; *albida* 52:255; 54:168; *ambigens* 65:27, 33; *arenicola* 52:256; *atropurpurea* 57:284; 62:93; 66:161; 67:320; *baldwinii* 52:255; *boliviana* 67:107; *brehmeriana* 67:107; *calva* 55:126; 65:27, 31; 68:453; *capitata* 67:106; 73:49; *caribaea* 52:167; 67:320; *cellulosa* 54:168; *compressa* 66:162; *costulata* 67:105; *crinalis* 67:105, 107; *diandra* 55:1-2, 4, 6, (pls. 1188-1189); 65:27, 31; *dombeyana* 67:105, 107; *elegans* 67:104, 108, 321; *elliptica* 53:11; 54:164; 55:126; 64:100; 65:27, 29, 89; 72:511; 75:315; *engelmannii* 55:3-4, 6, (pls. 1188-1189); 65:27, 31; var. *robusta* 55:3, 6, (pls. 1188-1189); *equisetoides* 54:258; 55:15; \times *fallax* 65:27, 33; *erythropoda* 68:453; *exigua* 67:105; *fallax* 67:321; *filiculmis* 67:105, 109; *fistulosa* 67:104-105; *flaccida* 67:320; *flavescens* 52:256; 67:320; 75:377; *geniculata* 52:167; 57:284; 66:11; 67:104, 106, 108, 320-321; 69:60; 75:414; *halophila* 53:15; 58:246; 65:27, 32, 89; 70:442-443; 71:23; 72:511; 75:315; *intermedia* 53:5; 65:27, 32; *interstincta* 67:104-105; *lanceolata* 55:3; 56:159; *macounii* 55:2; *macrostachya* 66:161; *maculosa* 67:105-106; *melanocarpa* 52:256; 54:168; 65:27, 32; 75:376; *microcarpa* 52:256; 54:168; 67:321; var. *filiculmis* 54:169; 65:27, 33; *minima* 67:105, 108; *minutiflora* 67:321; *montana* 67:320; *montevicensis* 52:256; *monticola* 55:3; *nana* 73:159; *nitida* 54:225; 55:54, 83, 126; 57:305; 62:142; 65:27, 33; 66:412; 70:207; 72:48; *nodulosa* 67:104, 108, 320; *nubigena* 67:107; *obtusata* 55:1-6, (pls. 1188-1189); 64:148, 155 (fig. 1); 65:27, 29; 72:511; 73:256; var. *ellipsoidalis* 55:3, 6, (pls. 1188-1189); 65:27, 31; var. *gigantea* 55:3, 5-6, (pls. 1188-1189); var. *jejuna* 55:1, 5-6, (pls. 1188-1189); 65:27, 31; 67:195; var. *peasei* 55:3; 65:27, 33; *ocreata* var. *flaccida* 67:106; *olivacea* 55:1; 65:27, 30; 75:377; *ovata* 55:1-6, (pls. 1188-1189); 65:27, 30; var. *aphanactis* 52:54; var. *heuseri* 52:18; 55:126; 57:305; 65:27, 30; var. *ovata* 57:305; *pachystyla* 55:3; *palustris* 51:110, 168; 53:157; 55:1; 58:246; 65:27, 30, 89; 68:453; 71:563; var. *major* 55:48, 126; 65:27,

- 29; 69:318; var. *palustris* 69:318; *parvula* 52:256; 54:169; 63:41; 65:27, 32; 71:23; 72:511; var. *anachaeta* 52:167; *pauciflora* var. *fernaldii* 53:11, 160; 54:222, 224; 65:27, 30; *quadrangulata* var. *crassior* 65:27, 33; 74:378; *radicans* 67:104-105, 321; *robbinsii* 54:169; 65:27, 30; 75:377; *rostellata* 65:27, 31; 66:162; 67:321; *sellowiana* 67:105-106; *sintenisii* 67:320; *smallii* 51:110, 168; 55:126; 56:226; 58:246; 65:27, 30; 66:161; 71:563; 73:256; var. *major* 75:315; *sulcata* 67:109; *tenuis* 51:110; 65:27, 31; 72:48, 511; var. *pseudoptera* 54:169; var. *tenuis* 64:100; *tortilis* 54:169; *tricostata* 52:256; 65:27, 32; 75:377; *tuberculosa* 51:108, 110; 65:27, 31; 71:31; 72:9; *viridans* 55:3; *vivipara* 52:257; *wolfii* 66:162; 75:378; *yunquensis* 67:320
- Elephantopus* 69:448; 70:229; *carolinianus* 64:156; 73:111; 74:103; *cuneifolius* 75:184; *elatus* 61:309, 310 (map), 311; 71:34; var. *intermedius* 61:311; *mollis* 67:354; 69:448; 70:229, 235; *scaber* 67:354; 69:448; *tomentosus* 61:309-311; 73:497
- Eleusine* 68:101, 282; *indica* 56:180; 57:283; 59:232; 63:134; 68:282, 515; 69:69
- Eleutheranthera* 70:241, 246; 75:173; *divaricata* 74:177; *ruderalis* 70:242
- Eleutherine* 64:310; *bulbosa* 64:310; 67:324
- Elizabetha* 70:130, 138, 144, 154; *duckei* 70:154; *princeps* 70:135, 139, 153 (fig.), 154, 333
- Ellisia microcalyx* 72:400
- Elodea* 58:162; 67:155, 158, 167; subgen. *Apalanthe* 67:164; subgen. *Elodea* 67:164; sect. *Natator* 67:164; *bifoliata* 67:165, 167; *brandegeae* 67:3, 164-165, 167; *callitrichoides* 67:161, 164, 166-167; *canadensis* 53:266; 55:48, 118; 67:2, 5, 12, 13 (pl. 1308), 14 (fig. 2), 15, 21-29, 31, 33 (fig. 5, map), 156, 159, 161-163, 165-171; 70:171, 203; subvar. *repens* 67:12; var. β *angustifolia* 67:167; var. *angustifolia* 67:6, 168; var. *gigantea* 67:156, 168; var. *latifolia* 67:12, 166, 168; var. *repens* 67:12, 166; var. *planchonii* 67:12, 166; *capensis* 67:168; *chilensis* 67:168; *chinensis* 67:168; *columbiana* 67:11, 165, 168; *crispa* 67:168; *densa* 67:26, 156, 168; var. *crispa* 67:168; var. *longifolia* 67:157, 168; *ernstae* 67:161, 165-166, 168; *gigantea* 67:28, 156-157, 168; *granatensis* 67:3, 159, 164-171; *guyanensis* 67:21, 168; f. *longifolia* 67:168; var. *dicranoides* 67:168; *ioensis* 67:12, 168; *iowensis* 67:12, 168; *kochii* 67:168; *latifolia* 67:12, 21, 169; *linearis* 67:2, 23, 29, 30 (fig. 3), 31, 33 (fig. 5, map), 165-166, 169-170; *longivaginata* 67:2, 30 (fig. 3), 32 (fig. 4, map), 34, 164-166, 169; *matthewsii* 67:161, 165-166, 169; *minor* 67:6, 169; *naias* 67:166, 168-169; *nevadensis* 67:165, 169; *nuttallii* 63:40; 67:2, 5-6, 11-12, 14 (fig. 2), 21, 26, 29, 31, 32 (fig. 4, map), 34, 155, 161, 164-168, 170-171, 195; 71:167, 418 (pl. 1424), 419; 73:255, 298; 74:136-137; *oblongifolia* 67:12, 15, 169; *occidentalis* 67:6-7, 169; *orinocensis* 67:169; *paraguayensis* 67:169; *peruviensis* 67:165, 169; *planchonii* 67:12, 21-24, 169; *potamogeton* 67:164-170; *richardii* 67:164, 166, 169; *schweinitzii* 67:2-6, 21, 25, 30 (fig. 3), 32 (fig. 4, map), 164, 166-167, 170; *titicacana* 67:164-165, 170; *verticillata* 67:170; *virginica* 55:295
- Elodeaceae* 67:155
- Elsholtzia ciliata* 61:63
- Elsota diversifolia* 67:336; *virgata* 67:336
- Eltroplectris acuminata* 67:325
- Elvira* 72:94; *biflora* 72:95, 98
- × *Elyhordeum arcuatum* 70:468 (pl. 1398), 469-470, 472
- Elymus* 54:290; 56:185; 58:144; 68:104, 236; 69:121-123, 125, 137, 158; 69:121; 70:467, 471-472; *angulatus* 68:236; *arenarius* 53:60; 54:208; 55:52; 56:183; 62:199-200; 64:284-285; 65:284; 70:467; var. *villosus* 64:345; 65:88; 71:519; 72:510; 75:315; *californicus* 69:343-344; *canadensis* 55:156; 56:28, 186-192, 194-197, 245; 58:144-145, 148; 62:200; 69:126, 128, 132-133, 160; var. *brachystachys* 56:28, 185, 191-194; 69:132-133, 138, 140 (pl. 1343), 141 (pl. 1344); var. *canadensis* 69:122-125, 127-130, 132-133, 138, 140 (pl. 1343), 142 (pl. 1345), 143 (pl. 1346), 144 (pl. 1347), 146, 148-153, 158-160, 330, 332, 340, 343, 346 (pl. 1358); f. *canadensis* 69:138; f. *glaucifolius* 69:138; × *diversiglumis* 69:144 (pl. 1347); var. *interruptus* 69:133-134, 138, 139 (pl. 1342), 140 (pl. 1343), 141 (pl. 1344), 143 (pl. 1346), 148, 154-157, 160, 332; var. *villosus* 56:28; *caput-medusae* 72:378; *diversiglumis*

- 56:195; 69:122-128, 130, 132-134, 137, 139 (pl. 1342), 140 (pl. 1343), 142 (pl. 1345), 144 (pl. 1347), 145-146, 147 (pl. 1350), 149-151, 153, 155-156, 158-160, 330-351; \times canadensis var. canadensis 69:146 (pl. 1349); glaucus 70:470-471; hirsutus 58:144; 70:470-471; (hybrids) 69:148-161, 332-344; hystrix 69:121-122, 125, 128, 135-137, 144 (pl. 1347), 145, 147 (pl. 1350), 148-150, 153-154, 157-161, 330-346, 347 (pl. 1359), 348, 349 (pl. 1361), 350-351; \times diversiglumis 69:145 (pl. 1348); \times virginicus var. glabriflorus f. glabriflorus 69:334, 345 (pl. 1357), 346 (pl. 1358), 348 (pl. 1360); \times virginicus var. glabriflorus f. australis 69:335, 346 (pl. 1359); \times virginicus var. virginicus 69:337; innovatus 58:279; 70:470-471; interruptus 56:185, 189-197; 57:266; 59:125; 69:123, 128, 133; mollis 54:40; 58:246; 62:199-200; 64:284; 65:284; 70:468, 470-471; subsp. mollis 70:204; occidentalis 69:127; pauciflorus 56:28; pendulosus 58:144-145, 146 (fig. 1), 147-148; pringlei 56:197; riparius 51:127; 55:156; 56:185-190, 197; 57:131; 69:138, 146 (pl. 1349), 151, 159; \times diversiglumis 69:146 (pl. 1349); sibiricus 70:467, 468 (pl. 1398), 469-471; \times Hordeum jubatum 70:470; smithii 56:28; svensonii 69:134-135, 137, 139 (pl. 1342), 142 (pl. 1345), 148, 153-156, 160, 330; trachycaulus 56:28; villosus 56:28, 197; 69:138, 147 (pl. 1350), 157-158, 160, 346 (pl. 1358); 72:79; f. arkansanus 59:232; 63:134; f. villosus 63:134; virginicus 53:20; 55:54; 56:187-189, 196; 69:122, 138, 157-161, 330, 332, 339-340, 342; 71:519; 75:315; var. glabriflorus 69:138, 148, 157-158, 160, 332, 343; f. australis 69:138, 158, 332-333, 335-336, 338-343, 346 (pl. 1358), 350-351; f. glabriflorus 69:138, 143 (pl. 1346), 156-158, 330, 332-335, 337-343, 345 (pl. 1357), 346 (pl. 1358), 347 (pl. 1359), 348 (pl. 1360), 349 (pl. 1361), 350-351; \times hystrix 69:347 (pl. 1359), 348 (pl. 1360); var. halophilus 71:22; var. typicus 55:121; var. virginicus 69:122, 138, 143 (pl. 1346), 155-156, 158, 160, 337, 339, 342-343, 346 (pl. 1358), 350-351; 72:510; f. hirsutiglumis 72:510; f. virginicus 69:157, 160; ; wiegandii 55:54, 83, 121; 56:185-190, 197; 69:122, 125, 128-130, 132, 137-138, 142 (pl. 1345), 143 (pl. 1346), 151-153, 159-160
- Elyna spicata 74:325
Elyonurus 68:106, 355; adustus 68:355-356; tripsacoides 68:355-356; var. brevidentatus 68:356; var. ciliaris 68:356
Elytraria caroliniensis 64:89; virgata 64:89
Elytrigia smithii 55:362
Elytrophorus articulatus 53:29
Emelista tora 67:332; 69:411
Emex spinosa 60:298, 305; 68:421
Emilia 69:448; coccinea 62:124 (fig. 8), 125; 67:355; 69:448; 70:233, 239; javanica 75:423; sagittata 67:355; sonchifolia 57:289; 69:448; 75:423
Empetraceae 55:171; 71:514; 75:319
Empetrum arcticum 62:273; atropurpureum 53:269; 55:51, 80, 84, 171-172; 62:268-269, 271 (fig. 2), 274 (fig. 3), 275 (fig. 4); eamesii 53:269; 62:267-270, 271 (fig. 2), 273, 274 (fig. 3), 275 (fig. 4), 276-288; 67:380; subsp. atropurpureum 62:268 (fig. 1, map), 277 (fig. 5, map), 288, 290; subsp. eamesii 62:268 (fig. 1, map), 277 (fig. 5, map), 288, 290; \times subsp. atropurpureum 62:278 (fig. 6, map); \times subsp. hermaphroditum 62:278 (fig. 6, map); subsp. hermaphroditum 62:268 (fig. 1, map), 280 (fig. 7, map), 289-290; hermaphroditum 59:292; 62:266, 270, 271 (fig. 2), 273, 274 (fig. 3), 275 (fig. 4), 276-289, 292; f. purpureum 62:282; kardakovii 62:273; kurilense 62:273; medium 62:268 (fig. 1, map), 272; nigrum 52:62; 53:1, 269; 54:226; 55:51, 84, 171-172, 295; 59:292; 61:123; 62:174, 265-270, 271 (fig. 2), 272-273, 274 (fig. 3), 275 (fig. 4), 276-290; 64:341; 65:92, 286; 66:62; 70:205; 72:521, 530; 74:367; 75:319; β hermaphroditum 62:269, 289; f. purpureum 62:281-282; var. andinum 62:267; var. hermaphroditum 54:53; 62:289; f. ciliatum 54:38; var. purpureum 62:269; purpureum 62:266, 269, 271 (fig. 2), 272-273, 274 (fig. 3), 277, 281, 283, 289-290; rubrum 62:265-267, 268 (fig. 1, map), 271 (fig. 2), 273-274, 275 (fig. 4), 288; f. andinum 62:273; f. falklandicum 62:273; f. medium 62:271, 274; subsp. eamesii 62:269, 272, 288; var. atropurpureum 62:269, 272, 289; sibiricum 62:273
Encalypta ciliata 62:154; procera 64:123; streptocarpa 62:154
Encalyptaceae 62:147, 154
Enchnoa 71:199; subcorticalis 71:198; 199 (figs. 12-14)

- Encyclia fucata* 67:326; *krugii* 67:326; *papilionacea* 67:326; *sintensis* 67:326
- Enneapogon desvauxii* 56:179, 209
- Ennepta* 53:232
- Enslenia albida* 70:431
- Enteromorpha* 55:104-105; 73:271 (fig. 2); 75:61, 63, 559; *ahleriana* 73:270-272; 74:479, 482; *clathrata* 71:526; 73:271-272; 74:265, 479; 75:262; *compressa* 74:265, 413; 75:262; *erecta* 71:118, 125; 72:317, 331; 74:265, 411, 413-414; 75:58, 60, 62, 263; *flexuosa* 73:271; subsp. *flexuosa* 73:271-272, 274; 74:429; subsp. *paradoxa* 73:268, 271-272, 274; 74:482; subsp. *pilifera* 73:271-272, 274; 74:479-480; *groenlandica* 71:118; 72:116, 317, 331; 75:58, 60; *intestinalis* 71:116, 118, 527-528; 72:116, 318, 331; 73:270-271; 74:265; 75:58, 263; var. *intestinalis* 73:273; *lingulata* 75:263; *linza* 66:233; 71:119; 72:116, 318, 331; 73:271; 74:265, 414, 479; 75:58, 363; var. *linza* 73:272-273; var. *oblanceolata* 73:271-272, 274; 74:479-480; *marginata* 72:116; 74:265, 412; 75:264; *micrococca* 71:119; 72:116, 318, 331; 75:264; *minima* 71:119, 527; 72:116, 318, 331; 74:266, 412; 75:264; *plumosa* 71:119; 73:274; 74:414; 75:264; *prolifera* 71:119, 527; 73:271, 274-275; 74:266, 414; 75:264; subsp. *gullmariensis* 73:275; subsp. *prolifera* 73:275; spp. 71:119, 127
- Entocladia viridis* 75:261; *wittrockii* 71:117; 75:262
- Entodon cladorrhizans* 53:125; 62:165; *compressus* 62:166; *seductrix* 53:125; 62:166
- Entodontaceae* 62:147, 165
- Entophysalidaceae* 71:116; 75:284
- Entophysalis brebissonii* 58:119; *conferta* 71:116; 75:284; *deusta* 71:116; 73:238; 75:284; *granulosa* 71:116; *lemaniae* 58:119; *rivularis* 58:117, 119; f. *papillosa* 58:119
- Enthostodon fascicularis* 62:170
- Ephedra* 72:534; *antisyphilitica* 51:21; 56:25
- Ephemeraceae* 62:147, 155
- Ephemerum crassinervium* 62:155; *serratum* 62:155; *spinulosum* 62:156
- Epicladia flustrae* 72:116, 318, 331
- Epicoccum purpurascens* 73:207-208
- Epidendrum* 59:242; *anceps* 67:326; *belvederense* 67:326; *brittonianum* 67:326; *broadwayi* 59:281-284; *ciliare* 67:326; 69:400; *cochleatum* 59:28; 67:326; var. *triandrum* 58:290; *conopseum* 56:82; 67:48; var. *mexicanum* 56:82; *crassilabium* 59:248; *cucullatum* 67:326; *difforme* 67:326; *fucatum* 67:326; *jamaicense* 58:290; *krugii* 67:326; *lacerum* 67:326; *laxum* 59:284; *macrothyrsis* 59:284; *magnoliae* 56:256; *moirianum* 67:326; *nocturnum* 67:326; *oncioides* var. *gravidum* 58:291; *ottonis* 67:326; *pallidiflorum* 67:326; *ramosum* 67:326; 70:415; *repens* 59:248; *rigidum* 67:326; *rousseauae* 59:284; *secundum* 67:326; *sintensis* 67:326; *tampense* 57:277, 285; *tipuloideum* 59:281-282, 283 (fig.), 284; *vincentinum* 58:291; 67:326; *yatapense* 59:284
- Epifagus virginiana* 54:140; 57:71-72; 67:386; 72:525; 74:141; f. *atropurpurea* 54:140; f. *pallida* 54:140
- Epigaea repens* 55:181; 67:375; 73:248; var. *glabrifolia* 63:66; 67:408
- Epilobium* 69:482; *adenocaulon* 53:158; 69:482; \times *canadense* 65:279; *anagalidifolium* 71:505; *angustifolium* 55:42-43, 45, 176; 71:505; 72:522; 75:319; f. *albiflorum* 55:19; 69:33; f. *spectabile* 55:268; var. *angustifolium* 65:93; *ciliatum* 61:23; 75:394; *coloratum* 54:254; 60:68; 65:274, 275 (fig. 1), 276 (fig. 2), 277, 278 (figs. 4-5), 279; 69:482; 71:171; 72:522; \times *commutatum* 65:279; \times *glandulosum* var. *adenocaulon* 65:274; \times *lineare* 65:279; *davuricum* 59:292; *glandulosum* 51:99; 65:277; 70:182; var. *adenocaulon* 55:176; 65:93, 274, 276 (fig. 2), 277, 278 (figs. 4-5), 279; 69:482; 71:217, 522; 72:522; 75:319; var. *occidentale* 65:93; *hirsutum* 51:149; 53:269; 61:27; 62:164, 165 (fig. 1), 166 (fig. 2, map), 167-173, 174 (fig. 3), 175-176, 181, 360; *hornemanni* 53:14; 56:249; 68:414 (fig. 10, map), 417; *latifolium* 55:247, 251, 268; 65:219; 67:382; f. *leucanthum* 55:268; f. *munzii* 55:268; *leptophyllum* 53:10; 55:176; 65:93; f. *umbrosum* 72:522; *nesophilum* 56:249; 66:150; var. *lupulinum* 66:149-150, 415; var. *sabulonense* 56:249; 66:149-150; *palustre* 53:158; 55:176; 66:415; 71:505; 75:319; var. *grammadophyllum* 66:415; var. *oliganthum* 72:522; var. *palustre* 66:415-416; *strictum* 53:5, 269; 56:249; 72:522; \times *wisconsinense* 65:274, 275 (fig. 1), 276 (fig. 2), 277 (fig. 3), 278 (figs. 4-5)
- Epipactis* 51:163; 75:166-167; *helleborine* 51:162-164; 53:82, 84, 88, 240-242, 248; 57:131; 62:142; 70:196,

- 198; 71:169, 564; 75:166; var. *viridans* 51:163; *latifolia* 51:163; *viridiflora* 51:163
- Epipremnopsis huegueliana* 62:256
- Epipremnum pinnatum* 62:254, 256; sp. 62:256
- Epipyxis tabellariae* 71:464 (fig. 40), 465; *utriculus* 71:465
- Episcia* 69:443; *fulgida* 69:443
- Epistephium ellipticum* 59:284-285; *minutum* 59:285; *tenuifolium* 59:284-285
- Epithemia* sp. 63:280; *turgida* 64:54
- Equisetaceae* 55:89; 63:211, 341; 71:574; 75:313
- Equisetum* 74:525; *arvense* 55:42, 89; 56:64; 60:64, 69; f. *campestre* 69:30; var. *arvense* 72:507; var. *boreale* 55:89, 225; 65:87; 71:167; 75:313; *fluviale* 55:90; 58:59, 65; 67:195; 70:205; f. *linnaeanum* 55:90; *hyemale* 56:64; 74:324, 527; var. *affine* 55:46, 90; 63:341; 74:526-527; var. *elatum* 74:526; \times *litorale* 69:30; *palustre* 55:82, 90; 71:504; 73:58, 105; 74:389; *praealtum* 74:526; *pratense* 55:89; 73:105; *robustum* 74:526; *scirpoides* 55:47, 51, 78, 90; 70:210; 71:504; 74:389; *sylvaticum* 56:64; 63:40; var. *pauciramosum* 65:87; 72:507; 75:313; f. *multiramosum* 55:89; 72:507; *variegatum* 55:90; 57:114; 63:40; subsp. *variegatum* 65:212; var. *jesupi* 53:16; 69:31; var. *nelsonii* 63:40; var. *variegatum* 69:30-31
- Eragrostis* 68:102, 224; 71:480; *amabilis* 69:372; 75:369; *articulata* 68:225, 227; var. *glabrescens* 68:227; *bahiensis* 68:224, 228; *boliviensis* 68:228; *buchtienii* 68:228; *capillaris* 63:134; *cilianensis* 56:26-27, 179, 245; 59:232-233; 68:224, 226, 441; 72:188; *ciliaris* 57:283; 64:224-225; 75:413; var. *laxa* 75:412; *curvula* 56:273; 63:148; 65:81; *diffusa* 56:27, 179; 63:41; *domingensis* 71:479; *elliottii* 57:283; *excelsa* 75:412; *expansa* 68:225, 229; *frankii* 59:232; *glomerata* 56:158; 68:225-226; *glutinosa* 67:319; *hypnoides* 51:11, 127; 52:52; 63:137; 68:225; *intermedia* 68:518; *lugens* 60:11; 68:225, 229; *lurida* 68:225, 228; *maypurensis* 68:225-226; *megastachya* 56:26-27, 245; 72:188; var. *major* 56:27; *mexicana* 68:225, 228; *montufari* 68:225, 228; *multicaulis* 51:8, 127; 65:74; 67:195; 72:47; *nigricans* 68:225, 227; *pectinacea* 52:52; 56:27, 179; 65:74; 67:195; 68:515; 69:31; *peregrina* 51:8, 127; *perplexa* 63:41; *pilifera* 56:27; *pilosa* 57:283; 68:225, 227, 515; *plana* 72:188; *poaeoides* 55:18; 56:27, 179; 59:232-233; 63:134; 69:31; *polytricha* 68:225, 229; *reptans* 63:137; *soratensis* 68:229; *spectabilis* 60:67; 71:31; 73:58; 74:389; var. *sparsihirsuta* 68:516; *subatra* 68:227; *tenella* 69:372; *tracyi* 57:275, 282-283; 67:312-313; *trichodes* 56:27; *uniolae* 68:224; *urbaniana* 67:319; 75:413
- Erebinthus* 51:292
- Erechtites* 69:448; *hieracifolia* 55:225; 57:289; 62:125; 69:448, 452; 70:233, 239; 71:27, 34; var. *intermedia* 54:130; 72:527; var. *praealta* 54:130; 72:527; *hieraciifolia* 69:452; *valerianaefolia* 62:125; 67:355
- Eremalche* 69:15, 21
- Eremolepis wrightii* 67:328
- Eremosphaera* 64:57; *viridis* 58:119; 63:277
- Erianthus* 68:106, 346; *alopecuroides* 52:21; 66:268, 269 (pl. 1304); *angustifolius* 68:347; *brevibarbis* 70:49; *coarctatus* 66:380; *compactus* 52:71; *giganteus* 56:158; 66:380; var. **compactus** 52:71; *ravennae* 59:28, 123-124; *saccharoides* var. *compactus* 52:71; *strictus* 58:136; *trinii* 68:347
- Ericaceae* 52:296; 55:181; 62:237; 63:342; 67:344; 71:33, 514; 75:320
- Erigenia* 66:311; *bulbosa* 66:311
- Erigeron* 61:272; 69:448; 75:116, 119; sect. *Erigeron* 75:119; *acris* 53:50; *affine* 74:500; *alamosanum* 74:501; *alaskanus* f. **albiflorus** 54:39; *angulosus* var. *kamtschaticus* 55:197; *annuus* 60:68, 72; *canadensis* 55:197; 60:68; 62:99; 69:448; 71:34; 72:527; *canbyi* 74:395; *cinereus* 74:83; *compositus* 65:211; var. *glabratus* 65:222; *coronarius* 64:272, 274; 65:227; *coulteri* 55:197; *cuneifolius* 69:448; *delphinifolius* 64:263; 65:227, 230 (fig. 11), 234-235; subsp. *neomexicanus* 65:227; var. *neomexicanus* 65:228; var. *oreophilus* 65:227; *divergens* 65:228, 230 (fig. 12), 235; var. *cinereus* 51:23, 28; 65:235; *elongatus* 55:197; *eriocephalus* 54:280; 55:252; *exilis* 63:342; *flagellaris* 56:212; *grandiflorus* 75:116, 118; *heteromorphus* 64:263; **hultenii** 75:116, 117 (fig. 1), 118-119; *humilis* 54:280; *hyperboreus* 75:118; *hyssopifolius* 53:9; 67:92; 68:414 (fig. 10, map), 417; 70:182, 184; *karvinskianus* 64:263; *longipes* 74:500; *macranthus* 74:106; *maximus* 62:123, 125-126; *muirii* 75:118; *myrionactis*

- 75:406; nudiflorus 56:208; peregrinus 75:118-119; philadelphicus 53:14; 54:227; 55:196; 71:34; pubescens 63:122, 123 (fig. 6), 127; 65:228, 230 (fig. 13), 235; pulchellus 60:68; 72:2, 16; f. *tolsteadii* 52:59; var. *tolsteadii* 52:59; purpuratus 52:252; pusillus 73:49; quercifolius 57:289; 71:34; repens 64:263; 75:406; scaposus 63:122, 127; 64:253, 263-264, 274; 74:500; β latifolium 74:500-501; simplex 75:118; sp. 63:123 (fig. 7), 127; speciosus 74:106; var. *macranthus* 74:106; strigosus 55:197; 66:380; 71:34; var. *septentrionalis* 55:197; var. *strigosus* 72:527; tenellum 74:501; tenuis 63:147; unalaschkensis 54:280; uniflorus 54:280; subsp. *eriocephalus* 75:118; *velutipes* 74:501; *vernus* 71:34
- Eriocarpum megacephalum* 62:321
- Eriocaulaceae* 53:80; 55:136; 71:31; 75:383
- Eriocaulon compressum* 71:31; *decangulare* 71:31; *lineare* 66:380; 71:31; 75:369, 382-383; *parkeri* 53:80, 88; *pellucidum* 61:31; *septangulare* 53:80, 84; 55:54, 80, 136; 56:226; 61:31, 288; 72:513; 73:256; *texanum* 75:383
- Eriochloa* 61:307; 68:107-108, 297; *contracta* 57:159; 61:307; 68:518; *distachya* 68:297; *gracilis* 56:179; 61:307; 67:181; 68:518; *polystachya* 67:318; *punctata* 67:297-298; *subglabra* 67:318; *villosa* 53:113; 61:308
- Eriochrysis* 68:104, 346; *cayennensis* 68:346; *warmingiana* 68:346
- Eriogonum* 61:272; *atrorubens* 74:351; *flavum* 57:291; 58:287; 70:26-27, 36; *gordonii* 74:391; *harperi* 74:154; *jamesii* 51:20; *lachnogynum* 51:20; *sericeum* 70:36; *tenellum* 51:20, 24; *tomentosum* 73:492; *trichopes* 74:391
- Eriopezia* 56:109
- Eriophorum* 53:208; 54:40; *alpinum* 51:110; 73:105; *angustifolium* 55:127; 58:65; 63:41; 65:27, 30, 89; 72:512; 75:315; f. *scammanianum* 53:208; subsp. *angustifolium* 65:213; var. *majus* 65:27, 33; *brachyantherum* 65:213; *callitrix* 71:508; *chamissonis* 58:65; *gracile* 65:27, 31; 70:206; *russeolum* 53:50; *scheuchzeri* 53:157; 65:213; var. *scheuchzeri* 53:157; *spissum* 55:127; 58:246; 65:27, 29-30, 89; 72:512; 75:315; *tenellum* 51:168; 53:10; 65:27, 29, 89; 72:512; f. *axillare* 52:46; f. *gorkhamii* 53:208; *triste* 53:208; *vaginatum* subsp. *spissum* 65:213; 70:207; subsp. *vaginatum* 65:213; 71:504; *virginicum* 52:47; 65:27, 29, 89; 71:23; 72:512; 75:315; *viridicaratum* 63:41; 65:27, 30
- Eriophyllum* 58:164; 66:67; *absinthifolium* 66:292; *alpinum* 53:50; *ambiguum* 66:307, 309; *ambrosioides* 66:208; *bigelovii* 66:213; *biternata* 66:201; *chrysanthemoides* 66:190; *confertiflora* 66:308-309; *lanatum* var. *achillaeoides* 66:307-308; var. *arachnoideum* 66:308-309; var. *cuneatum* 66:308; var. *grandiflorum* 66:308; var. *integrifolium* 66:308-309; var. *lanatum* 66:308; *oppositifolium* 66:285; *pedatum* 66:204; *staechadiifolium* 66:308-309; *wallacei* 66:309; *woodhousei* 66:290
- Eriosema* 51:381; *grandiflorum* 51:381
- Eriosorus* 65:56; *accrescens* 65:57; *aureonitens* 65:57; *lechleri* 65:56; *orbignyagnus* 65:66; *rufescens* 65:56; *stuebelii* 65:57
- Erithalis* 69:445; *fruticosa* 66:15; 69:445; 73:206; *odorifera* 66:15
- Eritrichium aretioides* 71:506
- Ermania* 54:86, 88, 110; *borealis* 54:86, 112; *parryoides* 54:88
- Ernodea* 66:15; 69:445; 72:35-36; *angusta* 72:35; *littoralis* 57:279, 288; 69:445; 72:35-36; var. *angusta* 72:35; var. *littoralis* 72:35; *nashii* 66:15
- Erodium cicutarium* 55:222; 65:75; *moschatum* 51:8; 53:22; *texanum* 52:20, 35
- Eroteum albopunctatum* 67:340
- Eruca sativa* 62:13, 15, 19; 63:49, 55
- Erucastrum gallicum* 51:148; 55:154, 291-292; 63:49, 55; *obtusangulum* 63:345
- Ervum multiflorum* 70:30
- Eryngium baldwinii* 57:287; *beechy-anum* 62:179; *ebracteatum* 71:548, 550; *integrifolium* 71:33; *maritimum* 54:175; *prostratum* 51:20; 54:175-176; 55:15-16; *yuccifolium* 57:266; 66:380; var. *synchaetum* 71:33; 73:495
- Erysimum asperum* 70:34; *cheiranthoides* 53:158; 63:49, 54; 72:518; *inconspicuum* 51:8; 54:254; 63:49, 53-54; 65:78; *montanum* 70:36; *pallasii* 65:217; *pannonicum* 63:49, 55; *repandum* 55:225; 63:49, 55; 74:391
- Erythrea* 75:509
- Erythrina* 69:413; *coraliodendron* 69:413; *eggertii* 67:335; *herbacea* 57:286; 64:151; *horrida* 67:335; *indica*

- 69:413; sp. 69:413; variegata var. orientalis 69:413
- Erythrocladia subintegra* 75:272
- Erythrodes hirtella* 59:287; 67:325; plantaginea 59:286; 67:325; *schultesiana* 59:286 (fig. 1), 287; trinitatis 59:285, 287; xystophylla 59:287
- Erythronium* 71:563; *americanum* 53:80, 85; 58:83, 110; 63:38, 146; 67:372; 68:420; 72:349; f. *castaneum* 53:80; *carolinianum* 63:38-39; 64:90; 65:173, 185
- Erythropeltidaceae* 71:131; 72:202; 75:272
- Erythrotrichia carnea* 71:131; 72:201-202, 237; 73:283; 74:298; *rhizoides* 75:272
- Erythroxyloaceae* 67:335; 69:415
- Erythroxyllum* 69:415; *brevipes* 67:335; 69:415; *coca* 70:119; 71:438; *rotundifolium* 67:335; 69:415; *rufum* 67:335
- Eschatogramme desvauxii* 63:35
- Escherichia coli* 70:422
- Eschscholtzia californica* 63:47, 55
- Eschscholzia* 51:6
- Euastrum* 63:278; *abruptum* 63:278; f. *minus* 63:278; *affine* 73:65; *bidentatum* 63:278; *binale* 63:278; f. *minor* 63:278; *didelta* 71:454; *elegans* 63:278; 64:54; *evolutum* 63:278; var. *integrius* 63:278; *gemma-tum* 63:278; *insulare* 63:278; *pictum* 63:278; *pulchellum* 63:278; 64:54; 71:454; *sinuosum* var. *reductum* 63:278; *verrucosum* 64:54
- Eucalyptus* 54:303; 69:430; *camaldulensis* 69:430; *rostrata* 69:430
- Euchroma purpurea* 56:162
- Eucnide bartonioides* 61:231-234, 237; *cordata* 61:232, 234, 240; *floribunda* 61:237; *grandiflora* 61:232, 241-242; var. *grandiflora* 61:233, 241-242; var. *guatemalensis* 61:232-233, 242; *guatemalensis* 61:231, 242; *hypomalaca* 61:231, 239; *lobata* 61:234, 237; *nelsonii* 61:232, 238; *parryi* 61:236; *pringlei* 61:232, 239; var. *hypomalaca* 61:232, 234, 239; var. *pringlei* 61:234, 238-239; *sinuata* 61:232-233, 238; *urens* 61:231-233, 236; *watsoni* 61:237; *xylinea* 61:231-233, 235
- Eudesme virescens* 71:124; 72:325; *zosteræ* 71:125
- Eudorina elegans* 71:454; 73:66
- Eugenia* 69:430; *aeruginea* 67:343; *anthera* 57:277, 287; *axillaris* 57:277, 279, 287; 69:430; *bellonis* 69:375; *biflora* 69:389, 430; *buxifolia* 57:287; 67:343; *clarendonensis* 59:303-305; *confusa* 59:303-305; *cor-data* 69:431; *dicrana* 72:23; *domin-gensis* 67:343; *farjardensis* 67:343; *floribunda* 67:343; 69:431; *glabrata* 67:343; *haematocarpa* 67:343; *jam-bos* 69:432; *jeremiensis* 60:326; *lancea* 69:430; *maleolens* 67:343; *margarettae* 67:343; *monticola* 69:431; *myrtoides* 57:277; *perratoni* 59:305-306; *polypora* 59:305; *pro-cera* 69:431; *pseudopsidium* 69:431; *rhombea* 69:431; *saviaefolia* 67:342; *sessiliflora* 69:431; *sintenisii* 69:431
- Euglena acus* var. *rigida* 69:55, 56 (fig. 1); *gracilis* 64:54; *polymorpha* 63:280; sp. 63:280; *spirogyra* 64:55; 71:462
- Euglenaceae* 63:280
- Euglenophyceae* 71:462
- Euglenophyta* 63:280; 69:55
- Eulophia alta* 67:327; *ecristata* 67:48
- Eunotia robusta* var. *diadema* 63:280; var. *tetrodon* 63:280
- Eunotiaceae* 63:280
- Euonymus americanus* 51:155; *atro-purpureus* 52:277; 71:303; *euro-paeus* 69:379; 74:321; *fortunei* 73:213; 74:147; *obovatus* 70:431; 72:492
- Euosmus benzoin* 51:159; *diospyrus* 51:159
- Eupatorium* 69:448; 70:231, 455; 71:566, 570, 577, 579; sect. *Cono-clinium* 65:233; sect. *Eximbricata* 71:566; 65:233; sect. *Hebeclinum* 71:577, 579; *albicaule* 74:501-502; var. *laxius* 74:501-502; *album* 71:34; var. *glandulosum* 61:76; *al-tissimum* 70:455; *amygdalinum* 72:97; *anchisteum* 71:567, 568 (pl. 1429), 569-570, 572; *anomalum* 51:141; 66:379; *arsenei* 71:566, 574, 576; *aschenbornianum* 64:262; 71:567, 570; *ballotaefolium* 70:230 (fig. 8), 236; 72:95, 97; *bellidifolium* 71:566-567, 572; *bertholdii* 74:504; *betonicum* 64:262; 65:233; *borin-quense* 67:354; *bupleurifolium* 72:94, 97; *callilepis* 70:236; *capillifolium* 54:130; 57:289; 66:379; 71:34; *choricephalum* 71:566-567, 570, 574-576; *ciliatum* 71:567; *coelestinum* 59:33; 71:34; 73:571; 74:103; f. *album* 73:571, 573; f. *illinoense* 73:571, 573; *collinum* 74:503; var. *col-linum* 74:502; var. *mendezii* 74:503; *compositifolium* 73:566; *congestum* 70:236; *cordigerum* 51:131, 142; *corymbosum* 67:354; 69:448; *cunei-folium* 51:142; 54:179; *dissectum* 69:353; *dubium* 73:261, 460; *exi-mium* 74:273; *fendleri* 74:83; *fistu-*

- losum 60:206; 63:20; 71:197; 72:79;
 geraniifolium 67:355; glabratum 63:
 121-122, 123 (fig. 1), 126; gracili-
 caule 64:262; greggii 65:226, 230
 (fig. 1), 233; hebebotryum 74:503;
 hyssopifolium 55:16; 70:455; 71:34;
 73:497; var. calcaratum 55:16; in-
 carnatum 52:40; 73:567; incomptum
 71:579; intermedium 70:230 (fig. 6),
 236; iresinoides 67:355; ivaefolium
 67:335; kleinioides 62:122-123, 124
 (fig. 1), 125; laetevirens 70:236; 72:
 95, 97; lanigerum 70:236; lasium
 71:566-567, 572, 574; leptophyllum
 51:142; leucoderme 74:501; leuco-
 lepis 66:379; 71:34; ligulifolium
 62:125; linearifolium 51:142; macro-
 phyllum 67:354; 70:236; maculatum
 53:20; 55:15, 237; 73:261; f. faxoni
 55:19; var. foliosum 55:195; maria-
 rum 71:567; mendezii 74:503; micro-
 cephalum 74:505-506; microstemon
 73:570; mikanioides 57:289; mohrii
 54:179; morifolium 64:260 (fig. 2),
 262; muelleri 71:566-567, 570,
 572; neaeantum 74:503; nigrescens
 74:503; odoratum 67:354; 69:449;
 73:48; oliganthes 54:232; orbicu-
 latum 70:236; organense 72:94,
 97; oteroi 67:355; ovaliflorum 74:
 504; ovandense 71:577-579; ovati-
 folium 74:504; pallescens 70:236;
 pazcuarensis 62:177 (fig. 1), 182;
 63:121, 126, 342, 344; 71:567;
 parasiticum 74:272; perfoliatum 54:
 254; 55:195; 60:295; 73:261; var.
 cuneatum 54:210; var. perfoliatum
 72:526; petiolare 64:260 (fig. 3),
 262; petraeum 74:504, 506; polybo-
 tryum 74:504-506; portoricensis 67:
 355; prunellaefolium 63:121-122,
 123 (fig. 2), 126; pubescens 61:77;
 pycnocephalum 64:252, 260 (figs.
 4-5), 262-263; 73:570; quadrangu-
 lare 64:263; recurvans 51:143; resi-
 nosum 54:179; rothrockii 71:567;
 rotundifolium 51:142; 71:34; 73:111;
 var. ovatum 61:77; var. rotundi-
 folium 61:77; rugosum 51:111; 56:
 251; 71:173; f. villicaule 71:173;
 scabrellum 74:505; scorodonioides
 63:121, 126; serotinum 70:455; ses-
 silifolium 51:108; 111; sinuatum
 67:355; 69:449; spp. 69:387; stil-
 lingiaefolium 74: 502-503; tepica-
 num 74:503; tortifolium 51:142-143;
 tremulum 72:94, 97; urticaefolium
 51:111; 69:452; urticifolium 69:452;
 velutinum 70:230 (fig. 7), 236; ver-
 benaefolium 66:380; 69:452; ver-
 benifolium 69:452; ymalense 74:
 501-502
- Euphorbia 54:287; 55:355; 69:249,
 419; 72:535; subgen. Chamaesyce
 68:155; adenoptera 67:185; albo-
 marginata 52:20, 36-37; amman-
 nioides 57:286; articulata 69:418;
 blodgettii 69:418; brasiliensis 68:
 160; buxifolia 57:281, 286; carun-
 culata 65:203; chamaesyce 68:155,
 163-164; 71:32; commutata 60:296;
 corollata 51:111, 120; 60:206; 66:
 377, 379; 71:32; 73:494, 508, 510,
 512, 514; cyathophora 69:374;
 cyparissias 52:295; 72:521; dentata
 60:17; 63:212; dictyosperma 64:357;
 esula 54:255; fendleri 74:83; geni-
 culata 69:374; geyeri 57:314; glo-
 merifera 68:160; heterophylla 57:
 286; 63:212; 69:374, 419; var.
 graminifolia 55:160; hirta 57:286;
 60:18; 69:418; hypericifolia 55:242;
 62:136-137, 140; 68:155, 159-163;
 69:418; hyssopifolia 57:286; 68:160-
 161, 163; 69:419; ipecacuanhae 60:
 291; lactea 69:419; lasiocarpa 68:
 160-161, 163; lata 52:20; lecheoides
 66:8; maculata 55:241-243; 57:286;
 62:134-140; 68:155-161, 164-165; 71:
 32; mesembrianthemifolia 69:418;
 milii 69:419; missurica var. calci-
 cola 54:127; nutans 55:241; 62:137-
 138; 68:160, 163; obtusata 56:228;
 64:357; oerstediana 67:338; peplus
 72:521; petiolaris 67:338; 69:419;
 pilulifera 57:286; 68:160; polygoni-
 folia 63:288; 71:26; preslii 55:241;
 62:137-138; 68:160, 163; prostrata
 68:155, 158, 163-164; pulcherrima
 69:419; splendens 69:419; stricto-
 spora 74:392; supina 55:241-243;
 60:68; 62:137-138; thymifolia 68:
 155, 158, 164; tirucalli 69:420; tor-
 rida 71:484; trichotoma 57:286; ver-
 miculata 57:268
- Euphorbiaceae 51:208; 52:295; 63:211;
 64:147, 151; 65:199; 66:13; 67:337;
 69:241, 395, 418; 70:410; 71:32, 497;
 72:21; 73:48-49; 75:417; subfam.
 Crotonoideae 65:199; trib. Acaly-
 pheae 69:241; trib. Stenolobeae
 65:199; subfam. Phyllanthoideae 65:
 199; subtrib. Phyllanthinae 65:193
- Euphrasia 54:145; americana 64:346;
 65:94; 66:151; 71:172, 522; 75:320;
 arctica 53:4; 54:145-148, 150-151,
 153; 55:190-191; f. minutissima 54:
 153; var. arctica 54:149, 151; var.
 inundata 54:153; var. minutissima
 54:153; var. obtusata 54:152; var.
 stromoensis 54:154; var. submollis
 54:153, 155; brevipila 54:148; f.
 subglandulosa 54:148; var. notata
 54:148; canadensis 64:343, 346; 65:

- 94; 66:151; 71:172, 522; 72:525; curta 54:148; f. glabrescens 54:148; var. glabrescens 54:148; disjuncta 54:146; 60:308; eurycarpa 54:150, 153; foliosa 54:148; foulaensis 54:154; frigida 54:147-150, 152, 155; f. eglandulosa 54:150; f. purpurea 54:150, 155; var. attenuata 54:153; var. inundata 54:153; var. laxa 54:149, 152; var. minutissima 54:149; var. obtusata 54:149; var. palustris 54:149, 155; var. purpurea 54:150, 155; var. pusilla 54:153; var. stromoensis 54:154; var. subcurta 54:147, 149, 151; hudsoniana 55:51, 76, 190-191; kashmiriana 54:148; latifolia 54:145-149, 151-152, 154-155; var. inundata 54:149, 153; var. obtusata 54:152; var. subcurta 54:147, 151; var. subfoulaensis 54:154; var. submollis 54:150, 153; marshallii 54:147-149, 151; var. pygmaea 54:153; micrantha 54:154; 60:307-308; minima 54:149, 152, 155; var. palustris 54:149; var. pilosa 54:155; officinalis var. latifolia 54:146, 151; platyphylla 54:148; purpurea 54:146, 148; var. randii 54:146; randii 64:346; 66:151; 71:522; 72:525; 75:320; var. farlowii 65:94; var. randii 65:94; var. rockii 53:19; scotica 54:154; subarctica 53:159; 55:190-191; 60:308; williamsii 54:148; var. vestita 54:146
- Eurhynchium* hians 53:125; 62:165; praelongum 62:170; pulchellum 62:165; var. scabrisetum 62:165; rusiforme 53:125; 62:164; serrulatum 53:125; 62:165; stokesii 54:158; striatum 62:170; strigosum 53:125; 62:165; var. scabrisetum 62:165
- Eurotia* lanata 52:167
- Euryale* ferox 70:170-171
- Eustachys* petraea 67:319
- Eustoma* exaltatum 57:287; 73:48-49; grandiflorum f. album 62:320; 74:385; f. fisheri 62:320; maculata 57:58; russellianum f. album 62:320; f. fisheri 62:320
- Euterpe* globosa 67:322
- Euthamia* 70:50; leptcephala 54:130; tenuifolia 52:44
- Eutheta* 69:84
- Euthora* cristata 66:221, 226-227; 71:153-154; 72:177, 200, 202, 213, 230-231, 233, 237, 323, 334; 73:283; 74:269, 423
- Eutoca* franklinii 62:206; sericea 62:206, 220
- Eutrema* edwardsii 54:49, 52, 216; penlandii 54:141
- Eutypa* 71:195
- Evernia* mesomorpha 60:76
- Evolvulus* 69:436; alsinoides var. linifolius 67:347; argenteus 70:36; bocasanus 67:347; glaber 69:436; linifolius 67:347; pilosus 70:36; sericeus 69:436; sessiliflorus 70:36; tenuis var. longifolius 67:347
- Evonymus* atropurpureus 62:200
- Exocarpus* 71:441
- Exochorda* grandiflora 69:309, 318
- Exogonium* arenarium 67:347; 69:436; repandum 67:347; 69:436; solanifolium 67:347
- Exostema* 69:445; caribaeum 69:445; ellipticum 67:353
- Faba* 70:496
- Fabaceae* 69:395, 411; 70:492-493, 495-496; 71:32, 497
- Fabroniaceae* 62:147, 161
- Facelis* apiculata 60:27; retusa 60:27
- Fagaceae* 52:293; 58:128; 63:211
- Fagara* 75:417; anadenia 62:236; azuensis 62:236; clava-herculis var. fruticosa 69:481-482; domingensis 62:236; fruticosa 69:481-482; furcyensis 62:236; haitiensis 62:236; lenticellosa 62:237; leonardi 62:237; nigrescens 62:237; obcordata 62:237; obtriangularis 62:237; tetraphylla 62:237
- Fagopyrum* sagittatum 60:298, 304; 72:516; tataricum 60:298, 305
- Fagus* crenata 73:213; grandifolia 52:293; 54:64; 58:39, 128, 130; 59:258; 62:92; 63:65, 67-68; 67:386; 69:51-54; 70:224; 72:280, 515; 73:248; 74:524; f. mollis 69:53; f. pubescens 58:128; var. caroliniana 58:128; 69:53; sylvatica 58:128; 61:96; var. atropurpurea 58:128
- Falcaria* sioides 60:41; 65:81
- Fallugia* paradoxa 53:204; 56:210
- Faramea* 69:445; occidentalis 69:445
- Farsetia* triquetra 54:184
- Ferula* foeniculacea 70:36; pubescens 70:36
- Festuca* 68:103, 112; altaica 55:248; 71:504; f. pallida 54:36; f. vivipara 54:36; arundinacea 56:181; 59:27; 68:441; 70:564-567; baffinensis 70:103, 106, 109-110; brachyphylla 55:118-119; 70:103, 105-106; buchtienii 68:114; cristata 58:96; dolichophylla 68:113-114; elatior 58:246; 59:233; 60:65; 68:441; 70:564-567; 72:509; f. aristata 72:509; subsp. arundinacea 70:565; subsp. pratensis 70:565; var. arundinacea 70:564; var. pratensis 70:564; fiebrigii 68:113; gerardi 58:95; gigantea 59:18; inermis 52:210; var.

- villosa 52:210; laeteviridis 68:114; megalura 52:52; 68:112-113; myuros 73:61; 75:369; obtusa 51:125; 57:302, 304; 59:233; 72:6, 339, 346; orthophylla 68:113-114; var. boliviana 68:114; ovina 60:65; 70:105; pflanzii 68:114; pratensis 68:441; 70:564-567; procera 68:112-113; prolifera 54:221; 68:413 (fig. 8, map), 417; 70:204; var. lasiolepis 54:221; 68:412 (fig. 6, map), 417; rigescens 68:113-114; rubra 52:293; 57:302; 60:67; 63:135; 65:213; 70:203-205; 71:20, 22; subsp. richardsonii 70:204-205; var. glabrata 70:204-205, 208; var. arenaria 70:204-205; var. commutata 60:67; 65:88; 66:62; var. prolifera 70:204; var. rubra 64:344; 71:519; 72:509; 75:314; f. megastachys 72:509; saximontana 55:118-119; splendens 58:95; sublimis 68:112-113; ulochaeta 68:112-113; vivipara 70:103, 105-106
- Ficus** 69:401; aurea 57:276-277, 285; brevifolia 72:23; carica 58:129-130; citrifolia 67:327; 69:401; crassinervia 69:401; f. stahlii 67:327; laevigata 67:327; 69:401; laurifolia 71:438; nitida 67:328; perforata 67:327; retusa 67:328; sintenisii 67:327; trigonata 67:327; 69:392, 401
- Filago arvensis** 55:228, 237; f. subsimplex 55:228
- Filipendula hexapetala** 69:309, 318; rubra 54:254, 259; 57:267; 69:32, 309, 318; ulmaria 56:39; 69:309, 318; 72:519; 75:318; var. denudata 69:309, 318
- Fimbristylis** 67:109; 75:379; aestivalis 67:109-110; annua 67:109; 75:414; autumnalis 60:206; 65:27, 30; 74:294; 75:414; f. brachyactis 54:126; var. mucronulata 65:28, 31; castanea 57:278, 284; curassavica 67:321; cymosa 67:321; dichotoma 67:321; diphylla 67:321; monostachya 67:109-110, 321; perpusilla 75:378-379; portoricensis 67:321; puberula 75:368; spathacea 67:321; vahlii 51:21; 65:81; 66:161; vestita 67:321
- Fischerella ambigua** 58:119
- Fissidens adiantoides** 52:73; 53:122; 62:151; f. **immarginatus** 52:73; var. **immarginatus** 52:73; bryoides 62:151; bushii 62:151; cristatus 53:123; 62:151; f. **immarginatus** 54:156; debilis 62:151; exiguus 62:152; julianus 53:119, 123; 62:151; minutulus 62:152; osmundoides 59:26; 62:152; subbasilaris 62:152; taxifolius 53:123; 62:152; viridulus 62:152
- Fissidentaceae** 53:122; 62:147, 151
- Flacourtiaceae** 59:242; 65:14; 67:341; 69:427
- Flaveria** 72:42; bidentis 66:15; 73:47; 75:422; floridana 57:279, 289; 67:313; 72:42; latifolia 72:42; \times latifolia 72:42; linearis 57:278-279, 289; 72:42; 73:48; var. latifolia 72:42; trinervia 67:355; 75:442
- Fleischmannia** 73:466; incarnata 73:567, 568 (fig. 1, map), 569 (fig. 2), 570; langlassei 69:360; microstemon 73:570; pycnocephala 73:569 (fig. 2), 570; schaffneri 69:357; standleyi 69:357; urenifolia 69:360; var. mexiae 69:357; var. typica 69:360
- Fleurya** 69:401; aestuans 69:401
- Floerkea proserpinacoides** 53:269; 55:225
- Florestina** 66:67; pedata 64:275
- Florideae** 72:205
- Florideophycidae** 71:131; 75:531
- Flueggea virosa** 65:199; 67:337
- Foeniculum** 69:432; foeniculum 67:344; 69:432; vulgare 67:344; 69:432
- Fontinalaceae** 62:147, 159
- Fontinalis** 72:278; antipyretica 62:159; 72:277; var. gigantea 62:159; 72:277; biformis 62:170; dalecarlica 53:127; 62:159; 72:277; disticha 62:170; flaccida 62:160; gigantea 73:64; lescurii 62:160; var. ramosior 62:170; novae-angliae 53:127; 58:249; 62:160; 72:276-277; var. latifolia 53:119, 127; 62:160; sullivanti 62:160
- Forasaccus inermis** 52:210; pumpelianus 52:211
- Fordia** 51:222
- Forestiera** 61:293; 69:434; acuminata 60:327; cassinoides 60:328; 61:293-294; eggersoniana 69:434; ligustrina 75:135; porulosa 57:277, 279, 287; 60:328; 61:293; 67:313; segregata 61:293; 69:434
- Forsellesia planitierum** 56:208
- Forsstroemia trichomitria** 62:160
- Forsteronia corymbosa** 67:346; portoricensis 67:346; 70:415
- Forsythia** 52:296
- Fosliella farniosa** 75:274; lejolisii 72:211; 74:424; 75:274
- Fosterella** 71:35, 220; albicans 71:220-221; gracilis 71:220, 223; graminea 71:220, 222; pearcei 71:220; penduliflora 71:220, 223; rusbyi 71:220-221; schidosperma 71:220, 223; villosula 71:220, 222; weddelliana 71:220-221
- Fothergilla major** 52:295; 72:56; 75:389; monticola 72:56
- Fragaria** \times ananassa 69:309, 318; 72:519; vesca 69:309, 315; f. alba 57:

- 266; var. *americana* 55:167; 69:309, 315; *virginiana* 55:46, 167; 60:67; 69:309, 315; 70:210; 75:318; var. *terrae-novae* 65:92; 69:309, 316; 72:519; var. *virginiana* 65:92; 72:519
- Fragilaria capucina* 63:280; 64:55; 71:467; *construens* 64:55; *crotonensis* 64:55; 71:467; var. *prolongata* 64:55; sp. 63:280
- Fragilariaceae 63:280
- Frankenia johnstonii* 68:424
- Franseria acanthicarpa* 52:174; 69:454; *acanthocarpa* 69:455; *bipinnatifida* 72:372; *chamissonis* 72:372; *confertiflora* 52:174; *discolor* 59:30-31; *tomentosa* 52:174; 74:394
- Frasera carolinensis* 54:176; 57:10; *verticillata* 57:10
- Fraxinus americana* 60:68, 71; 63:65, 288, 295; 72:2; 73:306, 462; var. *americana* 72:524; *nigra* 51:12; 53:225; 55:43, 46-47, 186; 57:131; 63:65, 68, 289; 67:374; *pennsylvanica* 55:185; subsp. *velutina* 73:375; var. *lanceolata* 55:185; var. *subintegerima* 55:185; 72:524; *profunda* 51:155; *quadrangulata* 59:127; 64:333; 72:273; sp. 72:79; *tomentosa* 51:155; 57:315
- Fremyella grisea* 75:293
- Fritillaria alba* 70:37; *americana* 70:37; *atropurpurea* 70:37; *camtschaticensis* 65:187
- Froelichia arizonica* 60:301, 305; *floridana* 51:134; 52:261; 57:285; 60:14; 73:492; var. *campestris* 60:208; *gracilis* 58:35; 60:14, 41, 116; 64:354
- Frullania asagrayana* 53:121; 59:252, 257; *bolanderi* 60:211, 225 (fig. 12, map), 226-229, 244, 247-248, 252; *brittoniae* 53:121; 59:256-257; *eboracensis* 53:121; 59:257; *inflata* 59:256-257; *kunzei* 53:119, 121; 59:257; *oakesiana* 59:257; *obcordata* 59:257; *plana* 59:256, 258; *saxicola* 59:256; *squarrosa* 59:256; *tamariscii* 59:256
- Frullaniaceae 53:121
- Fucaceae 71:129; 74:268; 75:270
- Fucales 71:129
- Fucus* 75:150, 539, 553, 568; *alatus* γ *angustissimus* 66:235; *distichus* subsp. *distichus* 71:130; 72:116, 320, 337; 74:409, 418; subsp. *edentatus* 71:130; 72:116, 321, 337; 74:418; subsp. *evanescens* 71:130; 72:117, 321, 337; 73:281; 74:418, 477, 480, 483 (fig. 1); *edentatus* 66:219 (pl. 1298), 220, 229, 231-232; 74:268; *evanescens* 74:268; *filiformis* 74:268; *miclonensis* 71:154; *spiralis* 71:154; 72:117, 321, 337; 74:268; spp. 71:123, 125; 72:203-204, 210, 320; *vesiculosus* 66:218, 220, 230-231; 71:115, 118, 125, 130-132; 72:117, 199, 321, 337; 73:274, 277-278, 281-282; 74:268, 295, 298, 409, 411, 418-419, 480-481, 483 (fig. 1); 75:58, 262, 269-270; var. *sphaerocarpus* 75:271; var. *spiralis* 72:321, 327; 73:282; 74:411, 418, 482; 75:58, 60
- Fuertesella grandiflora* 59:248; *pterichoides* 59:248
- Fuirena* 67:103; 75:376; *pumila* 65:28, 31; 75:376; *simplex* 54:254; *squarrosa* 67:321; *umbellata* 67:103, 321
- Fumana* 69:186
- Fumaria* 51:31-32; *bastardii* 51:32; *bulbosa* 70:297; *cava* 70:297; *intermedia* 70:297; *solida* 70:297; *officinalis* 51:31; 63:47, 54; 71:170
- Funaria flavicans* 53:124; 62:156; *hygrometrica* 53:124; 62:156
- Funariaceae 53:124; 62:147, 156
- Funastrum* 51:58; *clausum* 67:346; *glaucum* 67:346
- Furcellaria fastigiata* 71:154
- Fusarium* sp. 73:307-308
- Fusidium* sp. 73:308
- Gaillardia* 58:164; 59:129; 66:67; *aestivale* 58:315; *aristata* 58:288; 59:100; 70:51; *chrysantha* 73:554; *fastigiata* 62:321; *fimbriata* 59:177; *grandiflora* 59:100; 70:51; *lanceolata* 58:314-315; var. *fastigiata* 62:321; var. *flavovirens* 73:554; var. *winkleri* 73:554; *lutea* 58:314-315; 73:554; var. *winkleri* 73:554; *pinnatifida* 52:20, 37; 65:231; *pulchella* 70:223; 75:422; *rigida* 62:321; *serotina* 58:315; 73:554
- Galactia* 51:381-382; 69:394, 413; *dubia* 69:413; *eggertii* 69:413; *elliottii* 51:381; *floridana* 73:493; *macreei* 64:151, 157 (fig. 18); *marginalis* 51:320; *martii* 63:17 (fig. 3), 18; *parvifolia* 57:286; *striata* 69:413; *volubilis* 57:286
- Galanthus elwesii* 52:183
- Galardia amara* 59:131; *bicolor* 56:257; *fimbriata* 59:102-104, 149, 152-154, 168, 173-175, 178, 203
- Galathea bulbosa* 67:324
- Galax* 52:260; *aphylla* 58:40; 67:394, 395 (fig. 1, map)
- Galeana pratensis* 64:259, 261 (fig. 28); 74:205
- Galega* 51:197, 206, 220, 222, 267, 276, 292; *ambigua* 51:305; *caribaea* 51:198, 380; *cathartica* 51:378, 382; *chrysophylla* 51:311; *cinerea* 51:378, 382; *domingensis* 51:378-379;

- filiformis* 51:381; *florida* 51:305, 310-311; *frutescens* 51:249, 381; *grandiflora* 51:372; *hirta* 51:378-379; *hispidula* 51:299, 305; *linearis* 51:379; *littoralis* 51:379; *longifolia* 51:382; *ochroleuca* 51:382; *paucifolia* 51:292; *perriniana* 51:378; *piscatoria* 51:379; *polygama* 51:382; *purpurea* 51:379; *rosea* 51:372; *sericea* 51:249; *sinapou* 51:249, 255; *spicata* 51:276, 292; *toxicaria* 51:249; *villosa* 51:305, 310-311, 380; *virginiana* 51:267, 292; *virginica* 51:267
Galeopsis ladanum f. *parviflora* 61:26; *tetrahit* 55:188; 61:26; var. *bifida* 52:59; 65:94; 72:524; 75:320
Galinsoga 70:245; *aristulata* 72:386-387; *ciliata* 60:66; 64:258; 72:386-391, 527; *parviflora* 63:45; 74:258, 268; 72:386-390; var. *hispidula* 72:386
Galium 59:38; 72:347; *aparine* 53:11; 71:523; 72:525; *asprellum* 53:10; 55:192; *boreale* 59:40, 42; subsp. *septentrionale* 59:40; var. *intermedium* 57:309; *brandegei* 58:52; 71:506; *brevipes* 53:17; 59:39, 41 (fig. 1, map); *circaezans* 57:317; 72:344; var. *hypomalacum* 55:225; 57:317; 72:349; *concinnum* 51:27, 120; *domingense* 59:39; *erectum* 71:173; *harcynicum* 52:222-224; *hispidulum* 57:288; *labradoricum* 55:192; 56:251; 59:39-40, 41 (fig. 1, map); 63:45; 65:94; 66:151, 154; *mollugo* 54:307; 71:173; *obtusum* 59:40; *palustre* 71:20, 27; 72:525; subsp. *tetraploideum* 55:218; *pilosum* 61:24; 73:496, 512, 514; *saxatile* 52:222; *septentrionale* 59:40, 42; 70:210; spp. 71:59; *texanum* 59:40; *tinctorium* 53:19; 55:192; 58:52; 59:40; 64:346; 65:94; 71:523; var. *floridanum* 57:288; var. *subbiflorum* 65:94; var. *tinctorium* 72:525; *trifidum* 53:5, 159; 55:46-47, 192; 65:94; 66:413-414; 72:525; 75:321; subsp. *tinctorium* 55:192; var. *halophilum* 53:15; 66:414, 416; var. *trifidum* 66:414; *triflorum* 55:192; 57:317; 58:310; 63:289; 65:94; 67:92; 72:344-345, 525; × *circaezans* var. *hypomalacum* 57:317; *uniflorum* 52:270; *verum* 61:187; 72:525; 74:394; *virgatum* 63:20; 73:380
Galphimia glauca 69:374; *gracilis* 67:336; 69:374
Galpinsia fendleri 74:83
Gamopetalae 75:144
Garberia fruticosa 60:119; *heterophylla* 60:119; 65:280; 66:19
Gardenia 69:445; *jasminoides* 69:445
Garrya ovata 73:388
Gasteromycetes 61:135; 67:89
Gaultheria hispidula 55:46-47, 181; 62:174; 65:23, 93; 72:281, 523; *odorata* 63:342-344; *procumbens* 51:139; 53:10; 55:181; 63:346; 64:18; 65:273; 67:374, 386, 389; 72:280-281, 523; f. *leucocarpa* 63:347; f. *suborbiculata* 71:172
Gaura angustifolia 57:279; 70:225; var. *eatonii* 57:287; *coccinea* 57:290; 70:37; *filipes* 63:20; *parviflora* 60:19; 73:58; 74:392
Gaylussacia baccata 57:315; 67:376; 69:59; 72:523; f. *glaucoarpa* 54:210; *dumosa* 67:376; 70:291; 71:33; 73:495; var. *bigeloviana* 66:141; 72:523; *frondosa* 64:91; 73:495
Gayoides crispum 69:374
Gelidiaceae 75:274
Gelidium crinale 75:274
Gelsemium rankinii 66:379; *sempervirens* 64:91; 66:159; 71:33; 73:495, 503, 505, 507, 509, 511, 513
Genipa clusiaefolia 57:288
Gentiana 56:103, 133; 57:2; 72:551; sect. *Pneumonantheae* 68:213; *alticola* 56:103; *amarella* 52:69; *andrewsii* 66:403; *angustifolia* 52:69-70; *auriculata* 71:506; *austromontana* 66:402, 403 (figs. 1-2), 404; *autumnalis* 52:69, 71; f. *albescens* 52:70; f. *albocaerulea* 52:69; f. *porphyrio* 52:70; × *billingtonii* 68:213; *calycina* 57:79, 81; *catesbaei* 56:135, (pl. 1203); var. *nummulariaefolia* 69:452; var. *nummulariifolia* 69:452; *centaurium* 57:103; *clausa* 66:402, 403 (fig. 2), 404; *crinita* 72:15; × *curtisii* 68:213; *decora* 66:403-404; *gaspensis* 53:15; *glauca* 55:251; 72:499; f. *chlorantha* 54:38; *gracilis* 68:212; *lancifolia* 56:103; *linearis* 68:211; *mandoni* 56:103; *neomandonii* 56:103; *porphyrio* 52:68-70; f. *albescens* 52:70; f. *albocaerulea* 52:69; f. *stoneana* 52:69; *praticola* 56:103; *procera* 57:114; *puberula* 56:103; 68:209, 210 (pl. 1334), 211-214; *puberulenta* 68:210 (pl. 1334), 211, 214; × *alba* 68:213; × *andrewsii* 68:213; *purpurea* 52:70-71; *rigida* 68:212; *rubricaulis* 55:186; 68:211-212; *sancti-matthaei* 56:103; *saponaria* 68:211-212; β *linearis* 68:211-212; *shortiana* 68:212; *stoneana* 52:69; *torreyana* 68:212
Gentianaceae 55:186; 61:58; 63:220; 64:147, 153; 66:13; 67:346; 68:211; 71:33, 550; 72:551; 73:47-49; 75:

- 320, 420; subfam. Gentianoideae 61:58; subtrib. Erythaeinae 57:97
- Geobalanus oblongifolius* 60:16
- Geocalyx graveolens* 59:252
- Geocaulon lividum* 53:14; 55:51, 145; 57:307; 60:298, 302; 66:61-62, 146, 154; 67:407-409
- Geoffrea inermis* 69:374
- Geoglossaceae 56:105
- Geophila* 69:445; herbacea 67:354; 69:445; repens 67:354; 69:445
- Georgia 71:321; variabilis 71:321
- Georgina* 71:311-312, 321; astrantiaeflora 71:411; bipinnata 71:412; cervantesii 71:398; coccinea 71:311-312, 397-399; α coccinea 71:311, 397; β crocea 71:311, 397; γ flava 71:311, 397; crocata 71:398, 410; frustanea 71:312; α coccinea 71:397; β crocea 71:397; γ flava 71:397; petroselinifolia 71:412; purpurea 71:321, 359-360; scapigera 71:390; superflua 71:312, 360; α rubra 71:360; β purpurea 71:360; γ lilacina 71:360; δ pallida 71:360; ϵ flavescens 71:360; variabilis 71:311-312, 360, 362; var. lilacina 71:311, 360; var. pallida 71:311, 360; var. purpurea 71:311, 360
- Geotrichum* spp. 73:308
- Geraniaceae 52:295; 55:171
- Geranium bicknellii* 53:11; 55:46, 171; 57:308; 72:521; carolinianum 55:225; 66:379; dissectum 57:314; maculatum 52:295; 54:64, 303; 60:68-69; 72:334, 554; molle 57:314; 72:521; nepalense var. thunbergii 55:348; pratense 53:4; robertianum 56:2; 60:66; 67:374; 72:521; 75:392
- Gerardia* sect. *Eugerardia* 51:84; sect. *Otophylla* 51:84; subgen. *Eugerardia* 51:84; subgen. *Otophylla* 51:84; subgen. *Panctenis* 51:84; auriculata 58:88; *calycosa* 51:84; crassiuscula 56:256; fasciculata 55:159; 62:241; 63:20; 66:379; f. *albiflora* 55:159; flava 70:460; var. *calycosa* 62:131; var. *macrantha* 51:84; grandiflora var. *pulchra* 51:84; linifolia 56:256; maritima 57:288; 70:443-444; paupercula 66:380; pectinata 54:129; pedicularia var. *austroromontana* 51:85; var. *intercedens* 51:85; portoricensis 67:352; purpurea 75:497; quercifolia 70:460; setacea 64:88; skinneriana 66:380; tenuifolia 62:241; tuberosa 67:352
- Gesneria albiflora* 67:352; *sintensisii* 67:352
- Gesneriaceae 67:352; 69:443; 70:414
- Geum album* 51:111; 69:378; *aleppicum* var. *strictum* 51:111, 168; 55:168; 69:309, 315; 72:519; *cana-*
- dense* 69:309, 316, 378; var. *camporum* 69:310, 316; *laciniatum* 51:111; 69:310, 315-316; 75:390; var. *trichocarpum* 60:67; 69:310, 316; *macrophyllum* 55:168; 69:310, 316; *peckii* 56:248; 65:337; 66:408; 69:310, 316; \times *pulchrum* 69:310, 318; *rivale* 54:209; 55:168, 223; 63:43; 69:310, 315; f. *virescens* 65:92; *rossii* 55:248, 251; *strictum* 51:168; *urbanum* 63:288; 69:310, 318; *vernum* 69:378; *virginianum* 51:111; 56:226; 57:322; 69:310, 316
- Ghinia boxiana* 67:349; *spinosa* 67:349
- Gibberidea setosa* 71:194
- Giffordia duchassaingiana* 75:268; *granulosa* 71:122; 74:266, 418; *ovata* 71:122, 132; *sandriana* 71:122; 73:278
- Gigartina purpurascens rostrata* 66:235; *stellata* 66:220, 226; 71:131, 135; 72:117, 200, 210, 218, 230-232, 237, 323, 334; 74:269, 415, 423
- Gigartinaceae 71:134; 72:217; 74:269; 75:275
- Gigartinales 71:134, 528; 72:214; 73:283
- Gilia achilleaefolia* subsp. *achilleaefolia* 75:235; subsp. *multicaulis* 75:235; *cana* 61:164; *jassajarae* 51:79; *latifolia* 61:164; *laxiflora* 51:20, 26; 56:208; *rigidula* var. *acerosa* 52:171; *sonorae* 51:79; *tenuifolia* 61:164
- Gillenia stipulacea* 63:146; *stipulata* 51:20; *trifoliata* 53:204; 69:318
- Ginkgo biloba* 51:6, 8
- Ginannia mollis* 52:75
- Ginkgo biloba* 68:521, 523
- Ginoria* 69:429; *rohrii* 69:429
- Gisekia pharnacioides* 63:226, 227 (fig. 1)
- Glandularia drummondii* 75:400
- Glaucium flavum* 63:47, 55; 71:540
- Glaucocystis nostochinearum* 63:280; *oocystiformis* 63:280
- Glaux maritima* 65:94; 70:443, 448; 71:522; 73:268; 74:384; 75:320; var. *maritima* 72:523; var. *obtusifolia* 54:203; 72:523
- Glechoma hederacea* 57:74; var. *hederacea* 72:524; var. *micrantha* 72:524
- Gleditsia monosperma* 56:256
- Gleichenia bifida* 67:356; *flexuosa* 67:356; *pectinata* 67:356
- Gleicheniaceae 67:356
- Glendodium aciculiferum* 71:464 (fig. 34), 465, 469
- Gliciridia* 69:413; *sepium* 67:333; 69:413
- Globifera umbrosa* 64:89; 67:351

- Gloeobotrys limneticus* 71:463-464, 465 (fig. 42)
- Gloeocapsa alpicola* 58:118; *dimidiata* 58:118; *limnetica* 58:118; *membranina* 58:118; *minuta* 58:118; *turgida* 53:182; 58:118
- Gloeochrysis maritima* 73:287
- Gloeocystis ampla* 64:55; 67:252; 71:454; *confluens* 58:121; *gigas* 64:55; 67:252; 71:455; *grevillei* 58:121; *littoralis* 73:287; *major* 64:55; *scopulorum* 60:284; 71:117; *vesiculosa* 64:55; 67:251; 71:455
- Gloeosporium* sp. 73:307-308; *ulmicolum* 73:306
- Gloeothece linearis* 71:448
- Gloetrichia* 64:57; *echinulata* 63:281; 71:448-449 (fig. 5); *pisum* 58:119
- Gloiosiphonia capillaris* 71:134; 72:201, 213, 237; 73:283; 74:423
- Gloiosiphoniaceae* 71:134; 72:213
- Glonium clavisorum* 61:88, 104
- Glossidium* 56:107
- Glossopetalon planitierum* 51:20
- Glyceria* 52:53; 54:42-45, 197-198; sect. *Euglyceria* 54:198; sect. *Hydropoa* 54:198; sect. *Striatae* 54:198; *acutiflora* 51:107, 109, 117; 54:25-27; 55:15; *arkansana* 51:127; 52:21; 63:24; *borealis* 54:26; 55:47, 119; *californica* 54:44; *canadensis* 54:43; 55:47, 119; 65:88; 72:509; *erecta* 54:43-44; *fernaldii* 52:54; 54:43-44; 55:48, 119; 68:445; *fluitans* 53:18; 54:26-27, 224; *grandis* 53:157; 55:119; 63:135; *laxa* 72:509; *maxima* 53:156-157; *melicaria* 70:442; *natans* 54:44; *obtusa* 51:109; *otisii* 54:44; *pallida* 51:109; 52:255; 54:42-43, 197; 59:125; 63:20; var. *fernaldii* 52:54; 68:445; *paucifolia* 54:43-44; *septentrionalis* 54:25-27; var. *arkansana* 63:24; *striata* 54:43; 55:47, 119; 74:148; var. *striata* 75:209; var. *stricta* 55:47, 119; 72:510; *viridis* 54:44
- Glycine monophylla* 64:62; *reniformis* 64:61-62; *simplicifolia* 64:62; *tomentosa* 64:62
- Glycyrrhiza* 70:40; *lepidota* 51:148; 57:291, 293; 70:39
- Gnaphaliopsis* 64:6, 13
- Gnaphalium americanum* 63:342, 344; 67:355; *attenuatum* 62:177 (fig. 1), 182, 184; 63:343; *berlandieri* 74:508; *canescens* 74:506; *chilense* 52:174; 74:508; *decurrens* 74:509; *falcatum* 54:181; *gracile* 74:509-510; *hirtum* 74:508-509; *inornatum* 74:507; *lavandulifolium* 65:229, 230 (fig. 19), 236; *leptophyllum* 64:264; 74:509; *leucocephalum* 74:509; *macounii* 55:47, 197; 74:509; *obtusifolium* 55:225; 60:68; 71:27; 72:527; *pedunculatum* 74:507-508; *peregrinum* 66:380; *polycephalum* 55:225; *purpureum* 57:289; 74:508; *roseum* 74:506; *semiamplexicaule* 62:177 (fig. 1), 182; 63:342; *sphacilatum* 74:507; *spicatum* 67:355; *sprengelii* 74:508; *stramineum* 74:508; *supinum* 72:555; *sylvaticum* 53:10; 56:251; 71:173; *tenue* 74:509; *uliginosum* 64:346; 65:95; 71:523; 72:527; 75:321; *viscosum* 74:508-509; *vulcanicum* 65:236; *wrightii* 52:174-175; 74:506
- Gnomonia acerophila* 62:186 (figs. 1-3), 196-197; *emarginata* 62:196-197
- Gnomoniopsis acerophila* 62:196-197; *campylostyla* 62:197
- Gochnatia bahamensis* 66:15
- Golenkinia paucispina* 63:277; 64:55
- Gomontia polyrhiza* 75:265
- Gomontiaceae* 75:265
- Gomphillus* 56:107, 110; *baeomyceoides* 56:121, 123
- Gomphoneis herculeana* var. *robusta* 64:55
- Gomphonema acuminatum* 64:55; var. *coronatum* 63:280; *constrictum* 63:280; 64:55; *dichotomum* 63:280; *geminatum* 63:280; *olivaceum* 74:481; sp. 63:280
- Gomphonemataceae* 63:280
- Gomphosphaeria* 71:462; *aponina* 58:119; 71:116, 450; 75:283; var. *delicatula* 71:450; *lacustris* 58:119; 71:450; 75:284; var. *compacta* 71:450; *naegelianum* 53:182
- Gomphrena* 69:403; *decumbens* 67:329; 69:403; *dispersa* 67:329; 69:403; *globosa* 69:403
- Gonatozygon aculeatum* 63:278; 71:455; *brebissonii* 63:278; *kinahani* 64:55; *monotaenum* 71:455; *pilosum* 71:455
- Gongrosira debaryana* 58:119
- Goniopteris tenera* 61:306
- Goniotrichaceae* 71:130; 75:271
- Goniotrichales* 71:130
- Goniotrichum alsidii* 71:131; 73:283; 75:271
- Gonium* 64:57; *pectorale* 67:252; *sociale* 63:276
- Gonocalyx portoricensis* 67:344
- Gonolobus gonocarpos* 63:147; *hirsutus* 70:37; *laevis* 60:21; *stephanotrichus* 67:346; *tuerckheimii* 62:238
- Gonyaulax palustris* 71:469
- Gonzalagunia* 69:445; *spicata* 67:353; 69:445
- Goodeniaceae* 69:447
- Goodia lotifolia* 51:207

- Goodyera decipiens* 52:286; *menziesii* 53:50; *oblongifolia* 52:286; 53:12, 82, 86; *pubescens* 52:280; 53:73, 82, 85; 70:197-198; 72:11; *repens* 51:110; 52:279-280; 55:46; 72:515; 73:105; var. *ophioides* 51:110; 53:11, 82, 86; 55:141; 58:247; 65:90; 75:316; *tesselata* 52:279-280; 53:11, 82, 86; 55:141
Gorgonidium 65:68; *mirabile* 65:68-70, 71 (figs. 1-4), 72
Gossypium 69:424; *arborescens* 69:424; *arborescens* var. *nadam* 67:340; *barbadense* 67:340; 69:375; 73:50; *brasiliense* 69:375; *hirsutum* 57:278, 286; var. *punctatum* 69:375; *peruvianum* 69:375; *purpurascens* 69:375, 424; spp. 69:391
Gouania 69:423; *domingensis* 73:50; *lupuloides* 69:423
Gouinia 68:101, 281; *brasiliensis* 68:281; *latifolia* 68:281-282
Gracilaria foliifera 72:215, 231, 237; 73:283-284; 74:480; 75:274; *verrucosa* 71:154, 528; 73:283; 74:480; 75:275
Gracilariaceae 72:215; 75:274
Graffenrieda candelabrum 65:19; *ottoschulzii* 67:342
Gramineae 52:293; 55:118; 59:243; 62:181; 63:211, 341; 66:11; 67:317; 68:97-98, 223, 241, 437; 70:222; 71:515; 73:47-49; 75:114, 314, 412; trib. *Andropogoneae* 58:135, 142, (pl. 1226); subtrib. *Andropogoninae* 58:141; subtrib. *Dimeriinae* 58:141; subtrib. *Ischaeminae* 58:141; subtrib. *Rottboellinae* 58:141; subtrib. *Saccharinae* 58:141; subtrib. *Sorginae* 58:141; trib. *Hordeae* 68:437; 69:122; trib. *Maydeae* 58:141; trib. *Triticeae* 68:437; 70:467, 470-471
Grammitis subgen. *Melanoloma* 68:467; *anfractuosa* 63:35; *asplenifolia* 67:357; *cultrata* 63:35; *hartii* 67:357; *hessii* 67:357; *jubaeformis* 63:35; 67:357; *knowltoniorum* 63:35; *limbata* 68:468; *linkiana* 69:6; *marginella* 68:468; *mollissima* 63:35; 67:357; *myosuroides* 67:357; *pendula* 63:35; *phlegmaria* 68:467; var. *antillensis* 68:467; *sericeolanata* 63:35; *serricula* 63:35; *serrulata* 67:357; *stipitata* 68:467; *suspensa* 67:357; *taenifolia* 67:357; *taxifolia* 63:35; 67:357; *tenuicola* 63:35; *trifurcata* 67:357
Grania 75:535; *efflorescens* 75:584
Graptopetalum rusbyi 74:312
Gratiola aurea 55:19; 64:153, 159 (fig. 41); 67:197; 73:260; f. *pusilla* 73:260; *brevifolia* 64:154, 159 (fig. 42); *lutea* var. *glaberrima* 51:84; *neglecta* 55:189; 66:379; var. *glaberrima* 51:84; *ramosa* 64:153, 159 (fig. 40); 66:379; *virginiana* 64:154, 159 (fig. 43); *viscidula* 54:258; 55:15; var. *shortii* 54:258
Grayia 75:509
Greenella arizonica 62:52-53
Greenmania 73:291; *boladorensis* 73:291; *ulei* 73:291-292
Grevillea 69:401; 75:509; *robusta* 69:401
Griffithsia tenuis 75:278
Grimmia alpestris 52:75; *alpicola* 52:74-75; 62:155; 64:124; var. *rivularis* f. *papillosa* 52:74; *apocarpa* 53:124; 62:155; var. *alpicola* 62:155; f. *papillosa* 52:74; var. *conferta* 62:155; var. *stricta* 64:124; *doniana* 52:75; 62:155; *laevigata* 62:155; *maritima* 58:249; 62:155; *montana* 52:75; *olneyi* 62:155; *pilifera* 62:155; *pulvinata* 62:170; *rauei* 52:75; *wrightii* 52:75; var. *rauei* 52:75
Grimmiaceae 53:124; 62:147, 155
Grindelia 62:62; 70:50; *aphanactis* 74:106; *coronopifolia* 63:156; *inuloides* 64:274; *oxylepis* 63:122, 123 (fig. 8); 65:228; var. *eligulata* 63:127; *squarrosa* 55:228; 58:288; 59:100; 70:51; *sublanuginosa* 65:228, 230 (fig. 14), 236
Grindeliopsis 63:155; *gymnospermoides* 63:158
Grinnellia americana 70:292, 294; 75:262, 280
Grossularia echinella 64:150; *hirtella* 72:348
Guaiacum 69:415; *officinale* 69:415
Guarea guara 69:374; *guidonia* 69:374
Guatteria blainii 67:330; *caribaea* 67:330
Guazuma 69:425; *guazuma* 67:340; 69:429; *ulmifolia* 67:340; 69:425
Guenthera 63:155; *viscosa* 63:152, 155, 158
Guettarda 69:445; *laevis* 67:353; *parviflora* 69:445; *scabra* 69:445; *venezuelana* 67:353
Guignardia rhodora 71:201
Guilandina bonduc 67:333; 69:410; *crista* 67:333; 69:410; *culebrae* 67:333; *divergens* 67:333; 75:416; *melanospermum* 67:333; 69:410; *portoricensis* 67:333
Gutierrezia 66:309; 70:50; *alamani* 63:152, 158; *bracteata* 62:47; *californica* 62:47; *dracunculoides* 75:404; *glutinosa* 62:47-48; 63:124, 127; *gymnospermoides* 63:152, 158; *microcephala* 62:47, 50; *sarothrae*

- 60:270; 62:47, 49 (fig. 1); serotina 62:47; texana 62:47-48, 53; wrightii 63:152, 160
- Guttiferae 52:296; 55:174; 63:211; 64:152; 67:340; 69:426; 70:415; 75:319
- Guzmania 71:36, 235, 267; berteroniana 70:415; calothyrsa 71:267-268; complanata 71:250; lingulata 71:267; melinonii 71:267-268; obtusa 71:266; retusa 71:267-268; roezlii 71:267; tricolor 71:245
- Gymnadenia conopsea 53:84; 65:241
- Gymnanthes 69:420; lucida 69:420
- Gymnocarpium continentale 68:128 (fig. 5), 129, 135; dryopteris 68:121, 124 (fig. 3, map), 125-126, 127 (fig. 4), 128 (fig. 5), 131-137; 72:508; f. glandulosa 68:134; var. disjunctum 68:122 (pl. 1328), 128-129, 130 (pl. 1330), 131 (fig. 7), 135; ×var. dryopteris 68:131; var. dryopteris 68:128-129, 136; var. pumilum 68:134; ×robertianum 68:133; **heterospermum** 68:123 (pl. 1329), 124 (fig. 3, map), 127 (fig. 4), 130 (pl. 1330), 131 (fig. 7), 132, 134-137; robertianum 68:121, 125-126, 127 (fig. 4), 128 (fig. 5), 131, 133-136
- Gymnocladus dioica 51:6; 68:523
- Gymnoderma 56:107
- Gymnodinium fuscum 64:55; 71:469; palustre 64:55; 71:469
- Gymnogramma diplazioides 69:6; gracilis 68:468; lechleri 65:56; orbignyana 65:56; polypodioides 69:6; rufum 65:56; stuebelii 65:57
- Gymnolaena 64:5, 11
- Gymnomitrium corallioides 54:141
- Gymnopogon 68:101, 284; ambiguus 62:94; 73:111; jubiflorus 68:284; spicatus 68:284
- Gymnopus strictipes 65:296
- Gymnosiphon germanii 67:325; sphaerocarpus 67:325
- Gymnosperma glutinosum 62:44, 47, 49 (fig. 1), 52
- Gymnospermae 52:278; 71:514
- Gymnosporangium biseptatum 63:284; sp. 67:410
- Gymnostomum aeruginosum 59:26; 62:154; calcareum 53:123; curvirostrum 59:26; recurvirostrum 53:123; 62:154
- Gymnozyga moniliformis 63:279; 71:455; var. gracilescens 63:279
- Gynandropsis gynandra 69:407
- Gynerium 68:99, 232; sagittatum 68:232
- Gypsophila 52:233; elegans 52:244; 62:108, 115; muralis 52:244; 62:108, 115; paniculata 52:244; 62:108, 115; porrigens 58:44; scorzonerifolia 59:32
- Gyrophora dillenii 60:84
- Gyrotheca tinctoria 66:379; 75:385
- Habenaria 51:23; 52:248; 53:72; 71:541; albida 52:247-249; var. straminea 52:247; ×andrewsii 53:82, 88; 71:542; blepharidiglottis 69:454; blephariglottis 51:10; 53:82, 85-86; 55:11; 58:247; 67:376; 69:454; 71:32, 542; ciliaris 51:23; 53:83, 87; 56:183; 60:206; 67:394, 395 (fig. 4, map); 71:32; clavellata 53:83, 86, 88; 55:11; 60:206; 65:84; 71:542; var. ophioglossoides 51:110; 52:43; 53:83, 86; 65:90; 72:514; conopsea 65:241; 67:35; cristata 53:83, 87; 71:32; dilatata 53:83, 86; 55:82, 140; 71:542; fimbriata 51:110; 53:83-85; 71:542; 72:514; f. albiflora 53:83; f. mentotonsa 53:83; ×hyperborea 53:83; flava 71:542; var. herbiola 53:83, 85, 268; hookeri 51:110; 52:44; 53:62, 83, 85; 55:140; 58:247; 71:542; 75:166; var. abbreviata 52:62; hyperborea 53:83, 85; 62:174; var. huronensis 53:83; 55:140; 71:542; lacera 51:23; 53:83, 85; 60:67; 70:195, 198; 71:542; 72:514; leucophaea 51:23; 53:83; macrophylla 52:63-65, (pl. 1158); 53:83, 86; 72:514; ×media 53:83; nivea 71:32; obtusata 52:44; 53:83, 86; 55:45-46, 140; 62:174; 65:84, 90; 72:514; 75:316; odoratissima 65:241; orbiculata 51:110; 52:44, 61-65, (pl. 1158); 53:83, 86; 55:140; 67:376; 71:542; 72:514; var. lehorsii 52:61-62, 64, (pl. 1157); var. menziesii 52:63, (pl. 1157); var. typica 52:63, 65, (pl. 1158); psycodes 53:83, 85-86; 54:252; 55:83, 140; 70:195, 198; 71:542; 72:347, 514; f. albiflora 53:83; f. ecalcarata 53:83; straminea 52:247, 249; 67:381; strictissima var. odontopetala 58:291; tridentata 51:110; unalascensis 52:286; virescens 70:195; viridis var. bracteata 53:83, 85; 55:140; 56:247; 65:242; 70:195, 198; 71:542
- Habranthus texanus 63:216
- Hackelia americana 53:12, 18; 55:187; 61:269; 63:44; deflexa var. americana 55:187; virginiana 63:44
- Hackelochloa 68:106, 357; granularis 67:317; 68:357
- Haemadictyon 70:325 (pl. 1385), 326; amazonicum 70:326
- Haematococcaceae 63:276
- Haematococcus 63:276; sp. 63:276

- Haematoxylon* 69:411; 70:492; *campechianum* 69:393, 411
Haemocharis portoricensis 67:340
Haemodoraceae 53:82; 67:324; 71:32
Haenianthus obovatus 67:345; *salicifolius* var. *obovatus* 67:345
Halenia deflexa 55:46, 77, 186; 70:210; 73:58; 74:393
Halerpestes salsuginosa 62:260
Halesia 60:86; 64:147; *carolina* 52:296; 53:238; 60:88; 64:152; 69:380-381; *diptera* 60:86-88, (pl. 1231); var. *diptera* 60:88; 64:152, 157 (fig. 29); var. **magniflora** 60:88; 64:152, 157 (fig. 30); *parviflora* 60:88; *tetraptera* 60:87-88, (pl. 1231); 64:152, 157 (fig. 31)
Halimium 51:366; 69:186, 192; sect. *Euhalimium* 67:67; sect. *Lecheoides* 67:67-68, 201; sect. *Spartioides* 67:67-68, 201; 69:192; *aldersonii* 67:279; *arenicola* 67:264; *argenteum* 67:305; *berlandieri* 67:260, 263; *canadense* 67:255; *carolinianum* 67:212; *chihuahuense* 67:296; *concolor* 67:289; *corymbosum* 67:288; *coulteri* 67:260; *discolor* 67:289; *domingense* 67:302, 304; *exaltatum* 67:289; *georgianum* 67:291; *glomeratum* 67:298, 311; *majus* 67:269; *nashii* 67:266; *nutans* 67:284; *occidentale* 67:67, 276, 279; *patens* 67:263, 285; *pringlei* 67:263, 294; *rosmarinifolium* 67:302; *scoparium* 67:67, 279; *spartioides* 67:67; *stenophyllum* 67:302, 304
Halimolobos 54:161; *berlandieri* 54:162; 62:14, 16; *hispidula* 54:162; *mollis* 54:162-163; *perplexa* 54:162; *polyspermus* 62:14, 20; *virgata* 54:161-163
Halliophytum 56:48-49; *capense* 56:49, 54; *fasciculatum* 56:49, 55-56; var. *hallii* 56:57; *hallii* 56:57
Halodule beaudetii 67:317
Halopteris scoparia 71:124
Haloragaceae 55:176; 71:33
Halosaccion ramentaceum 66:219 (pl. 1298), 220, 226, 230-231; 71:135; 72:117, 200, 218, 230, 232, 237, 320, 323, 326, 334; 73:284; 74:269
Halysium atrum 61:101
Hamamelidaceae 52:295; 63:51; 70:425-426; 71:32
Hamamelidae 70:425
Hamamelis 51:105; 72:340; *virginiana* 52:275; 54:64; 56:83 (map 4), 84; 63:51-52, 66, 68, 288; 67:402; 69:457; 71:32; 72:281, 518; var. *parviflora* 63:51
Hamamelistes spinosus 69:458
Hamelia erecta 67:353; *patens* 67:353
Hapalanthe 67:170; *schweinitzii* 67:170
Hapalorchis tenuis 67:325
Hapalosiphon 64:58; *fontinalis* 58:119; *hibernicus* 63:281; 73:66; *pumilis* 58:119
Haplocladium microphyllum 62:170; *virginianum* 62:162
Haplodon wormskjoldii 54:277
Haploesthes greggii var. *texana* 52:20
Haplohymenium triste 53:126; 62:162
Haplopappus 62:44, 62; 67:217; 75:220; sect. *Blepharodon* 64:142-143; sect. *Isopappus* 67:217, 223 (fig. 3); *bartlettii* 67:218; *ciliatus* 58:50; *clementis* 74:107; *divaricatus* 66:63, 64 (figs. 1-6), 65, 271; 67:217-219, 220 (fig. 2, map), 221-222, 223 (fig. 3), 224-229, 231-232, 235, 237; var. **hookerianus** 62:321; 67:235; \times *graniticus* 67:222; \times *torreyi* 67:222; \times *validus* 67:222; *eximius* 74:106; *gracilis* 66:271; *hirtellus* 67:230; *hookerianus* 62:321; 67:235; *laceratus* 74:107; *lanceolatus* 63:179; *lyallii* 74:102, 106-107; *megacephalus* 62:321; *multicaulis* 55:237; *nanus* 55:237; *occidentalis* 66:63; 67:218, 224; *peirsonii* 74:106; *phyllocephalus* 62:321; subsp. *annuus* 62:321; var. **annuus** 62:321; var. *megacephalus* 62:321; *pygmaeus* 74:107; **rhizomatus** 63:177; **rigidifolius** 67:217, 218 (fig. 1), 220 (fig. 2, map), 221-222, 223 (fig. 3), 224-231, 234-235, 237; \times *divaricatus* 67:227; *spinulosus* 70:50; subsp. *cotula* 65:236; 75:221; subsp. *scabrellus* 65:228, 236, 239; subsp. *spinulosus* 75:224; subsp. *typicus* 75:220-221, 222 (figs. 1-7), 223 (fig. 8); *stoloniferus* 64:264; *texensis* 64:142-143; *validus* 62:321; 67:225-228; subsp. **graniticus** 67:217, 220 (fig. 2, map), 221-222, 223 (fig. 3), 224-226, 229, 233, 236-237; subsp. *torreyi* 67:217, 220 (fig. 2, map), 222, 223 (fig. 3), 225-227, 229, 232-233, 237; \times *rigidifolius* 67:223; subsp. *validus* 67:217, 220 (fig. 2, map), 221-222, 223 (fig. 3), 224-226, 229, 233, 235, 237; \times *graniticus* 67:222; \times *torreyi* 67:226
Haplospora globosa 71:124
Haptophyceae 73:285, 288
Harpanthaceae 53:120
Harpanthus scutatus 58:248; 59:252
Harperella fluviatilis 60:21
Harrimanella 59:291
Harrisia aboriginum 67:313; *undata* 75:419
Hebeclinium macrophyllum 67:354; *tepicanum* 74:503-504
Hectorella 75:243

- Hectorellaceae 75:244
 Hedeoma 56:256; drummondii 75:400; glabra 70:431; hispida 56:228; pulegioides 52:38; 72:524; sancta 56:160
 Hedera helix 59:30; 62:252; 73:80
 Hedwigia ciliata 53:124; 62:160
 Hedwigiaceae 62:147, 160
 Hedyosum 70:416; arborescens 70:416
 Hedyotis 63:217; 64:313; subgen. Houstonia 63:217-221, 321; subgen. Oldenlandia 63:217-222, 322; arenaria 63:217-218, 219 (fig. 9), 220-221; asperuloides 63:217-218, 219 (fig. 6), 220; f. brandegeana 63:221; australis 63:220, 222; 65:271 (fig. 1), 272; 71:218; boscii 54:129; 55:15; 63:220; brevipes 63:217-218, 219 (fig. 5), 221; caerulea 64:313, 315, 317, 320 (fig. 2, map), 321-323; var. caerulea 64:315, 319; var. faxonorum 64:317, 319; callitrichoides 63:218, 219 (fig. 15), 219; calycosa 61:171-172; canadensis 61:176, 195, 198; 64:313, 315, 317, 319, 321; capillipes 63:222; ciliolata 61:176; corymbosa 63:217, 219 (fig. 12); crassifolia 55:202; 63:218, 219 (fig. 1); 65:271 (fig. 1), 272; 71:218; var. micrantha 65:272; croftiae 63:220; drymarioides 63:221; exigula 63:221; frankii 61:171; gracilenta 63:217-218, 219 (fig. 10), 220, 222; gracilis 63:221; greenii 63:217, 219 (fig. 17), 222; greenmanii 63:220; herbacea 63:219 (fig. 14); intricata 63:220; lanceolata 61:171; longifolia 61:195; 64:313-314, 317-319, 321-322; 73:303; tenuifolia 61:190; var. compacta 64:314; var. glabra 64:315, 319; var. longifolia 64:314; longipes 63:222; michauxii 64:313, 317, 319, 321-322; microtheca 63:217-218, 219 (fig. 18), 220; minima 59:95; f. albiflora 59:95; mucronata 63:220; mullerae 63:218, 219 (fig. 4); nigricans 63:330; f. salina 63:222; var. filifolia 53:48; 75:421; nuttalliana 61:190; 64:313, 315, 317, 319; ovata 63:222; palmeri 63:222; parvula 63:222; patens 55:203; peninsularis 63:217, 219 (fig. 8), 222; polypremoides 64:313; pringlei 63:219 (fig. 13), 220, 222; procumbens 70:306-309, 310 (maps 1-2); var. hirsuta 70:308; var. procumbens 70:308; prostrata 63:222; purpurea 61:167, 171; 63:217; 64:313-314, 317-323; var. calycosa 61:171; 64:314, 318 (fig. 1, map); f. albiflora 61:171; var. ciliolata 61:177; var. longifolia 61:195; var. montana 61:169; 64:314, 318 (fig. 1, map); var. purpurea 64:314, 318 (fig. 1, map); f. pubescens 61:167; var. setiscaphia 61:177; var. tenuifolia 61:190; f. leucantha 61:190; rosea 55:201-203; 58:331; 71:218; saxatilis 63:217-218, 219 (fig. 7), 222; serpyllacea 63:218, 219 (fig. 3), 220; sinaloae 63:222; spp. 71:59; subviscosa 63:220; taylorae 55:202; umbellata 61:167; umbratilis 63:217-218, 219 (fig. 11), 222; uniflora 63:220; vegrandis 63:222; watsonii 63:217, 219 (fig. 16), 220, 222; wrightii 63:218, 219 (fig. 2); xestosperma 63:220, 222
 Hedysarum 68:365; alpinum 67:381; subsp. americanum 65:219; 71:505; var. americanum 53:9; bracteosum 52:138; ciliare 52:145; var. oblongifolium 52:145; conglomeratum 68:371; cuspidatum 52:138; divergens 68:390; frutescens 68:370, 381, 390, 392; grandiflorum 52:138; hamatum 62:341; hirtum 68:376-377; laevigatum 52:149; mackenzii 52:286; 65:219; paniculatum 52:151-152; prostratum 68:385; repens 68:385-386; reticulatum 68:393; sessiliflorum 68:393; umbellatum 68:370; violaceum 68:380, 390, 392; viridiflorum 52:140, 142
 Heeria 69:173
 Heleastrum hemisphericum 62:320
 Heleniastrum brevifolium 59:207; curtisii 59:205; fimbriatum 59:150; helenium 59:169; nudiflorum 59:211; vernale 59:169
 Helenium 51:303; 58:311; 66:67; sect. Amblyolepis 59:130; sect. Hecubaea 59:129; sect. Helenium 59:130-131, 146; sect. Leptopoda 59:129-130, 133, 135-137, 138 (fig. 7), 139 (maps 1-3), 143, 145-146, 148; sect. Oxylepis 59:131; sect. Tetrodus 59:130, 135-137, 138 (fig. 7); aestivale 58:312-314, 315-316, (pl. 1227); amarum 59:131; 63:330, 332; 71:34; var. badium 62:321; 63:330; atropurpureum 59:210; var. grandicephalum 59:211; autumnale 54:254; 58:311-312, 315-317; 59:104, 110-111, 116, 145; 62:344-346; 75:136; badium 59:131; 62:321; brachypoda 59:211; brevifolium 51:304, 58:316; 59:107-109, 112, 113 (fig. 4), 132, 134-135, 137, 138 (fig. 7), 139 (map 2), 140-143, 146, 149, 152, 154, 205, 207-208, 210, 219; 62:346; 66:380; 67:394, 396 (fig. 7, map); campestre 59:104-105, 107-108, 111-112, 113 (fig. 5), 132-133, 135, 137, 138

- (fig. 7), 139 (map 2), 140, 142-144, 146, 149, 208-210; 62:346; *curtisii* 51:303-304; 59:104, 205, 207-208; 67:394; *decurrens* 59:169; *denticulatum* 59:169; *dichotomum* 59:210; *drummondii* 59:107-108, 112, 113 (fig. 3), 131, 134-135, 138 (fig. 7), 139 (map 1), 140, 142-143, 149, 154, 173-174, 203-204, 208; *elegans* 59:137, 144; 62:346; *fimbriata* 59:173, 177-178; *fimbriatum* 59:107, 149, 153-154, 173, 175-178, 203; *flexuosum* 58:315-316; 59:103-104, 107-112, 113 (fig. 6), 115-116, 129, 132-133, 135-137, 138 (fig. 7), 139 (map 3), 140, 143-146, 149, 210, 213-215; 62:343-346; 65:76; *floridanum* 51:145; 59:211, 214-215; var. *aphanactis* 59:211; *godfreyi* 59:211, 214-215; *helenium* 59:169; *hoopesii* 64:275; *incisum* 59:149-150; *integrifolium* 59:205; *leptopoda* 59:169; *micranthum* 59:103, 210; *microcephalum* 52:20; *nudiflorum* 51:145; 58:315; 59:103-105, 107, 177, 210; 65:76; 70:454; 71:174; f. *homochromum* 70:454; var. *purpurea* 59:211; *nuttallii* 58:312-313; 59:104, 152, 169, 171, 173; var. *incisum* 59:150; *oppositifolium* 66:285; *parviflorum* 59:110; *pinnatifidum* 58:312-313; 59:102, 106-109, 112, 113 (fig. 1), 131-135, 138 (fig. 7), 139 (map 1), 140-143, 148-150, 155-156, 157 (fig. 8), 158, 171-172, 174-175, 204, 208; *polypodium* 59:104, 211, 213-214; *puberulum* 59:149, 176; *scaposum* 59:105-106; *seminariense* 59:211; *serotinum* 58:311-313, 315-317, (pl. 1227); *tenuifolium* 59:131, 240; 63:330; 66:380; 73:497; var. *amarum* 62:321; var. *badium* 62:321; *vernale* 58:312-317, (pl. 1227); 59:102-103, 107-109, 112, 113 (fig. 2), 114, 131, 133-135, 138 (fig. 7), 139 (map 1), 140-143, 149-150, 152-153, 155-156, 158, 168, 171-172, 174, 203-204, 208; 66:380; 71:34
- Helicchioa schoenoides* 51:11
- Helianthella parryi* 60:267; *quinquenervis* 64:272, 275
- Helianthemum* 51:366; 67:63, 201, 255; 69:184-186, 192; sect. *Lecheoides* 67:64, 201; 69:13; sect. *Spartioides* 69:193; subgen. *Horanthes* 67:66; subgen. *Lecheoides* 67:67, 201; subgen. *Macularia* 67:67; trib. *Abnormes* 67:66; trib. *Normales* 67:66; *aldersonii* 67:278, 281; *arenicola* 67:67, 71, 74-76, 77 (fig. 1), 79, 203, 260, 263-268, 308 (map 7), 69:187 (pl. 1353), 190; *argenteum* 67:70-71, 74, 76, 77 (fig. 1), 81, 203, 304-305, 310 (map 17), 311; 69:190; *astylum* 67:65, 311; *bicknellii* 67:66, 69, 71, 73, 75-76, 77 (fig. 1), 80, 207, 210-211, 255, 257-258, 269-273, 275, 307 (map 6); 69:190; *brasiliense* 67:63, 65, 213; 69:184-185, 187 (pl. 1353), 189-190, 192; *canadense* 51:366-367; 63:112; 67:65-66, 69-71, 73, 76, 77 (fig. 1), 78-79, 201, 206, 209, 211, 215-216, 255, 257-258, 272-273, 275-276, 307 (map 4), 311; 69:188 (pl. 1354), 190, 192; var. *obtusum* 67:264-265; var. *sabulonum* 67:255, 259; var. *walkerae* 67:269, 272; *capitatum* 67:66; *carolinianum* 67:65, 67, 69-72, 74-76, 77 (fig. 1), 78-79, 201, 204, 211-213, 306 (map 1); 69:185, 187 (pl. 1353), 189-190, 192-193; *chihuahuense* 67:69-71, 77 (fig. 1), 81, 204, 295, 297, 309 (map 14); 69:189-190; *concolor* 67:71, 77 (fig. 1), 81, 204, 262, 289-290, 310 (map 17); 69:188 (pl. 1354), 190; *corymbosum* 52:264; 67:64-66, 71-73, 77 (fig. 1), 80-81, 204, 265-266, 268, 287, 308 (map 8); 69:187 (pl. 1353), 190; 70:225; *coulteri* 67:69-71, 73-76, 77 (fig. 1), 79, 204, 207-208, 210, 260, 262-263, 309 (map 12); 69:190; *dumosum* 67:69-71, 76, 77 (fig. 1), 78-79, 206, 209, 211, 214-216, 257-258, 275, 308 (map 9); 69:191; *exaltatum* 67:290; *georgianum* 67:70-71, 77 (fig. 1), 81, 206, 208, 210, 274, 276, 291-292, 306 (map 2); 69:191-192; 73:494; *glomeratum* 67:64-66, 71-72, 74, 77 (fig. 1), 81, 201, 206, 208, 210, 262, 297-298, 300, 303-304, 309 (map 15); 69:191; *greenii* 67:67, 69-72, 77 (fig. 1), 80, 203, 276, 278-279, 283, 287, 308 (map 10); 69:188 (pl. 1354), 191, 193; *hirsutissimum* 67:64; *majus* 67:66, 255, 269, 272-273; *mendocinensis* 67:279; *nashii* 67:67, 71, 73-76, 77 (fig. 1), 79, 203, 265-268, 308 (map 7); 69:191; *nutans* 67:69-72, 76, 77 (fig. 1), 80, 203, 278, 284, 286-287, 310 (map 16); 69:188 (pl. 1354), 191-193; *obcordatum* 67:65, 298; *occidentale* 67:276; *patens* 67:69-70, 72-74, 77 (fig. 1), 80, 203, 205, 278, 285-287, 310 (map 16); 69:191, 193; *polifolium* 67:302; *polygalaefolium* 67:65; *pringlei* 67:69-71, 74-75, 77 (fig. 1), 81, 204-205, 273, 292-293, 297, 309 (map 13); 69:191; *propinquum* 67:69, 71, 73, 75-76, 77 (fig. 1), 80, 207, 210-211, 257-258, 271, 273-275, 307 (map 5);

- 69:191; *ramuliflorum* 67:65, 255; *rosmarinifolium* 67:64-66, 70-71, 75, 77 (fig. 1), 81, 205, 207-208, 301, 303-304, 306 (map 3); 69:191; *salicifolium* 58:44; *scoparium* 67:64, 67, 70, 72-73, 77 (fig. 1), 80, 203, 205, 277-278, 280-281, 285, 287, 308 (map 11); 69:191, 193; var. *alder-sonii* 67:279, 281-282; var. *scoparium* 67:282; var. *vulgare* 67:279-282; *spartioides* 67:64, 278; *suffrutescens* 67:68, 279, 281-282; *tenellum* 67:317; *thyrsoideum* 67:266, 268; *tripetalum* 67:65, 311; 68:208; *walckeræ* 67:269
- Helianthium* 57:134-136; *nymphaefolium* 57:182; *parvulum* 57:185; *tenellum* 57:185
- Helianthus* 56:198; 66:344; *agrestis* 60:272; *alienus* 56:201; *altissimus* 56:200; *ambiguus* 56:200, 202; 60:126; *Xambiguus* 56:202; *angustifolius* 52:40; 60:126, 143; 71:34; *annuus* 52:297; 60:272, 274-275, 277; 65:130; 66:344-345, 350-351, 354-357; var. *lenticularis* 62:132; var. *nanus* 57:318; *Xbolanderi* 61:140; *Xpetiolaris* 60:279; *atrorubens* 61:140-146; *Xlongifolius* 61:146; *attenuatus* 56:202-203; 66:346; *borealis* 55:198; 56:201; *bracteatus* 56:202-203; *brevifolius* 60:126; *californicus* 56:198-199; 66:349; var. *mariposianus* 56:199; var. *parishii* 56:199; var. *utahensis* 56:198; *canus* *Xangustifolius* 66:352; *ciliaris* 51:28; 66:346, 349; *coloradensis* 56:199; *crinitus* 56:200; *cusickii* 56:202; *dalyi* 56:202; *debilis* 60:275, 277, 279; 66:353; subsp. *cucumerifolius* 60:279; subsp. *praecox* 60:279; *Xfloridanus* 66:352; *Xoccidentalis* 66:353 (fig. 7); *decapetalus* 65:130; 66:345, 347 (fig. 4), 348, 354; *Xannuus* 66:350-351; *Xdebilis* subsp. *cucumerifolius* 66:350; *Xdebilis* subsp. *hirtus* 66:350; *Xresinosus* 66:352; *Xstrumosus* 66:346; *divaricatus* 56:200; 60:126; 66:354; 71:34; *Xmicrocephalus* 61:140; *Xdivarserratus* 56:200; *doronicoides* 58:97-99, (pl. 1225); *Xdoronicoides* 58:99; *exasperatus* 56:202-203; *fascicularis* 56:198; *filiformis* 56:202; *Xfiliformis* 56:202; *giganteus* 56:198, 200, 203; 58:98-100; subsp. *alienus* 56:200-201; subsp. *giganteus* 56:200; var. *altissimus* 56:200; var. *ambiguus* 56:200, 202; var. *oppositifolius* 56:201; var. *resiniferus* 56:201; var. *utahensis* 56:198; var. *verticillatus* 56:201; *Xmicrocephalus* 66:348; *Xmollis* 60:126; *gigas* 56:200; *grosseserratus* 56:199, 201; 60:126; 69:452; f. *pleniflorus* 56:199; subsp. *grosseserratus* 56:199; subsp. *maximus* 56:199; *grossiserratus* 69:452; *heterophyllus* 71:34; *hirsutus* 65:130; 66:318, 354; var. *hirsutus* 60:294; var. *trachyphyllus* 54:131; 60:294; *Xannuus* 66:350; *Xdebilis* subsp. *cucumerifolius* 66:350-351; *Xdecapetalus* 66:347 (fig. 1); *Xsmithii* 66:346; *Xtuberosus* 66:352; *instabilis* 56:199, 201; *Xintermedius* 56:201; *kellermani* 56:200; *Xkellermani* 56:200; *laciniatus* 64:266; *laetiflorus* 65:121-122, 123 (fig. 3, map), 124 (fig. 5), 125 (fig. 6), 126-132; 71:174; var. *rigidus* 55:198; *Xlaetiflorus* 65:128; *Xtuberosus* 65:128, 132; *lenticularis* 62:132; *longifolius* 61:140-146; *Xatrorubens* 61:140, 142; *Xoccidentalis* 61:140, 142; *luxurians* 56:201; *Xluxurians* 56:201; 60:126; *maximiliani* 55:198; 56:201; 60:27; 69:454; f. *pallidus* 56:202; var. *iubaris* 56:202; var. *paniculata* 56:202; *Xdecapetalus* 66:348; *maximiliani* 69:454; *membranaceus* 56:201; *microcephalus* 61:140-141, 143, 146; 66:346, 352; *Xgiganteus* 66:347 (fig. 2), 348; *mollis* 55:108; 58:97-100; 74:388; f. *flavida* 55:108; *neglectus* 60:274-275, 276 (fig. 2), 277, 279, 282-283; *Xannuus* 60:277-278; *Xdebilis* subsp. *cucumerifolius* 60:278; *Xdebilis* subsp. *praecox* 60:278; *Xpetiolaris* 60:278-279; *Xpetiolaris* var. *canescens* 60:278; *niveus* 66:352; *nuttallii* 52:60; 56:198; 66:353; subsp. *coloradensis* 56:198-199; subsp. *nuttallii* 56:198; *occidentalis* 61:140-143, 146; 66:353; *Xgrosse-serratus* 60:126; *oliveri* 56:203; *paradoxus* 60:272, 273 (fig. 1), 274-275, 277, 282; *parishii* 56:199; var. *coloradensis* 56:199; *parviflorus* 66:346; var. *attenuatus* 66:346; *petiolaris* 60:272, 274-275, 277, 279; subsp. *fallax* 60:279, 280 (fig. 3), 282; subsp. *petiolaris* 60:279, 281 (fig. 4), 282; var. *canescens* 60:277, 282; *Xannuus* 60:126; *praetermissus* 60:274; *radula* 60:27; 71:34; *resinosus* 66:349; *Xdecapetalus* 66:352; *Xschweinitzii* 66:349; *Xsmithii* 66:352; *Xstrumosus* 66:347 (fig. 3), 349; *Xtuberosus* 66:347 (fig. 3), 349; *rigidus* 65:121-122, 123 (fig. 2, map), 124 (fig. 5), 125 (fig. 6), 126-132; 66:349; *Xlaetiflorus* 65:127; *Xstrumosus* 66:349; *Xtuberosus*

- 65:127, 129; 66:349; *rydbergii* 56:200; *salicifolius* 59:32; *schweinitzii* 66:349-350; *smithii* 66:347 (fig. 6), 352; *tuberosus* 66:349-350; *severus* 65:121; *silphioides* 65:132; 73:554; *smithii* 66:346, 348; *strumosus* 66:352; *strumosus* 55:225; 58:97; 65:130; 66:346, 348-350, 355; *annuus* 66:347 (fig. 5), 350; *hirsutus* 66:346; *tuberosus* 66:349; *subrhomboideus* 65:121-122, 123 (fig. 1, map), 124 (fig. 5), 125 (fig. 6), 126-132; *laetiflorus* 65:125, 131; *rigidus* 65:127; *tuberosus* 65:126, 129, 131; *subtuberosus* 56:202; *superbus* 65:121; *tomentosus* 58:97-98; 66:349; *trachelifolius* 69:452; *tracheliifolius* 69:452; *tuberosus* 56:200; 58:97; 60:64, 66; 65:121-122, 123 (fig. 4, map), 124 (fig. 5), 125 (fig. 6), 126-132; 66:344-345, 349-351, 354-356, 380; 71:174; *annuus* 66:344, 351, 354, 356; *undulatus* 66:381; *utahensis* 56:198; *virgatus* 56:200
- Helichrysum bracteatum* 67:355
- Helicoma acrophalerium* 61:100; *asperothecum* 61:89; *recurvum* 61:89
- Heliconia* 70:413, 416; *bihai* 70:416; *caribaea* 67:324; 69:392-393
- Helicosporium alinorae* 61:89
- Helicteres* 69:425; *jamaicensis* 69:425
- Heliogenes longifolia* 66:156-157
- Heliophytum amplexicaule* 67:349
- Heliopsis buphthalmoides* 64:254, 265; *helianthoides* subsp. *occidentalis* 62:131; var. *occidentalis* 62:131
- Helotiales 56:109
- Heliotropium* 69:438; 72:32, 534; *amplexicaule* 60:21; 67:349; 69:438; *angiospermum* 67:348; 69:438; 72:32; 73:47; *arborescens* 67:349; *crispiflorum* 67:348; 69:438; *curasavicum* 57:282, 288; 69:438; 72:33; *diffusum* 66:6, 14; *fruticosum* 72:34; *gnaphalodes* 69:438; *horizontale* 72:34; *inaguense* 66:6, 14; *indicum* 51:21; 67:348; 69:438; 72:34; *inundatum* 52:38; 67:348; *microphyllum* 67:348; *myosotoides* 72:34; *nashii* 66:8, 14; *parviflorum* 57:282, 288; *peruvianum* 67:349; *phyllostachyum* 72:34; *polyphyllum* 57:282, 288; 72:33; var. *horizontale* 72:34; var. *polyphyllum* 72:33; *procumbens* 67:348; *tenellum* 53:112; 63:20
- Helminthocladiaceae 72:207; 75:273
- Helminthosporium* sp. 73:308
- Helodium blandowii* 62:170; *paludosum* 53:119, 126; 62:162
- Helogyne fasciculata* 69:352, 362; *urenifolia* 69:360
- Helonias* 56:257
- Helosis cayennensis* 61:79, 81; *guianensis* 61:80-81; *mexicana* 61:79-80
- Hemerocallis flava* 53:81, 88; 68:456; *fulva* 53:81, 84, 88; 72:514; *lilioasphodelus* 68:456-457
- Hemiachyris* 62:45; *texana* 62:45, 47
- Hemibaccharis hieraciodes* 74:498
- Hemicarpha* 67:99; *micrantha* 57:321-322; 65:28, 31; 67:99
- Hemidictyum marginatum* 68:467
- Hemidinium nasutum* 69:56 (fig. 5), 57
- Hemidiodia ocimifolia* 67:354; 72:36
- Hemionitis brasiliana* 66:113; *cajenensis* 66:112-113; *reticulata* var. *brasiliensis* 66:313
- Hemisphaerales 71:197
- Hemistegia decurrens* 74:442
- Hemitelia conformis* 62:1, 2 (fig. 1); 74:450; *dissimilis* 62:2; *escuquensis* 67:356; *horrida* 67:366; *petiolata* 62:1; 74:450; *wilsoni* 67:356; *woronovii* 62:1; 74:450
- Hemizonia durandi* 74:204; *minima* 74:205
- Henriettea fascicularis* 67:342; *macfadyenii* 67:342; *membranifolia* 67:342; *triflora* 67:342
- Henriettella fascicularis* 67:342; *macfadyenii* 67:342; *membranifolia* 67:342
- Hepatica* 62:223; *acuta* 62:232; *acutiloba* 55:156; 56:2; 57:132, 265; 62:110, 115, 223-229, 231-232; 73:248; f. *albiflora* 62:232; f. *plena* 62:232; f. *rosea* 62:232; *americana* 51:110; 54:64; 55:156; 57:132, 265; 62:110, 114, 223-229, 231-232; 65:77; f. *cahnae* 62:232; f. *candida* 62:232; f. *purpurea* 62:232; f. *rhodantha* 62:232; *hepatica* 62:232; var. *purpurea* 62:232; *nobilis* 62:223, 225-231; f. *acutiloba* 62:232; f. *obtusa* 62:232; var. *acuta* 62:224 (fig. 1, map), 231-232; f. *acuta* 62:232; f. *albiflora* 62:232; f. *plena* 62:232; f. *rosea* 62:232; var. *nobilis* 62:231-232; var. *obtusa* 62:224 (fig. 1, map), 231-232; f. *cahnae* 62:232; f. *candida* 62:232; f. *obtusa* 62:232; f. *purpurea* 62:232; f. *rhodantha* 62:232; var. *rotundata* 62:226; var. *typica* 62:226, 232; *triloba* 51:110; 62:232; α *obtusa* 62:232; β *acuta* 62:232; var. *acutiloba* 62:232; var. *americana* 62:232; var. *typica* 62:232
- Hepaticae 53:120; 70:316
- Heracleum barbatum* 73:582; *dissectum* 73:582; *douglasii* 73:580; *elegans* 73:581-582; *lanatum* 51:111; 55:178, 225; 73:578, 580, 583; *maxi-*

- mum 55:178; 57:302; 64:346; 71:300; 72:522; 73:578, 580, 583; 75:319; moellendorffianum 73:582; montanum 73:580-581; protheiforme 73:581; δ elegans 73:581; sphondylium 73:578-582; subsp. elegans 73:581-582; subsp. montanum 73:579-583; subsp. pyrenaicum 73:579, 581-582; subsp. sphondylium 73:582
 Herberta hutchinsiae 60:224; sakurii 60:210, 224; tenuis 59:253; 60:224
 Heritiera tinctorium 64:89
 Hermidium 54:158; alipes var. pallidum 54:158
 Herniaria cinerea 58:44; glabra 62:108, 116; hirsuta 58:44
 Herpestis rotundifolia 67:351
 Herpetica alata 67:332; 69:410
 Herpothrichia barbicincta 65:305
 Herpotrichiella fuispora 65:303; setosa 65:303; spinifera 65:300-301, 302 (figs. 1-3), 302
 Herpotrichiellaceae 71:195-196
 Herrania albiflora 65:11; atrorubens 65:12; cuatrecasana 65:11; kanukuensis 65:11-12; mariae 65:12, 14; nitida 65:12; f. sphenophylla 65:12; pulcherrima var. pacifica 65:14
 Herschellia 60:114; 69:84
 Hesperidanthus linearifolius 59:66
 Hesperis matronalis 54:253; 60:16; 62:19; 63:49, 54, 348; 72:518
 Heterangium grievii 62:105
 Heteranthera 75:443, 447, 486; dubia 53:80, 88; 55:57; 70:171; limosa 61:291; 75:486-487; reniformis 53:80, 88
 Heterocladium squarrulosum 64:123
 Heterocladus caracasanus 74:244, 249
 Heterokontae 58:161
 Heteromeris 67:201; 69:184; argentea 67:305; canadensis 67:201, 255; carolinianum 67:212; chihuahuense 67:296; cymosa 67:288; glomerata 67:298; major 67:255, 269; mexicana 67:298, 300; michauxii 67:255; polifolia 67:301; pringlei 67:294; ramuliflorum 67:255
 Heteromyces 56:107
 Heterophylleia caracasana 74:249
 Heterophyllum haldanianum 51:123; 62:166; 72:494
 Heteropogon 68:106, 353; contortus 68:353-354; melanocarpus 60:11; 68:353-354; villosus 68:353
 Heteropteris 69:416; laurifolia 67:336; purpurea 67:336; 69:416; wydlariana 67:336
 Heterospermum pinnatum 63:123 (fig. 13), 127
 Heterotheca 67:86; 68:406; 70:301; 72:42; sect. Chaetactis 62:64; sect. Gymnactis 62:64; sect. Heterotheca 62:61, 97; 67:88; 70:301; bartlettii 67:218; chrysopsidis 62:63, 65, 71-72, 98; deltoidea 62:105; floribunda 62:66-67; floridana 72:44; fulcrata 70:301; graminifolia 71:34; 72:43; var. traceyi 72:43; grandiflora 62:63-68, 97; grievii 62:105; hyssopifolia 72:42; var. subulata 72:43; inuloides 62:64, 68-71, 97; var. inuloides 62:65, 68-69; 64:264, 274; var. rosei 62:65, 69; 63:343-344; 74:510; lamarckii 62:70, 73-74, 98; latifolia 62:71, 97-101; 63:245-246; 67:87 (fig. 1), 181; 68:406; var. arkansana 62:66, 105; var. latifolia 62:66, 99, 101; var. macgregoris 62:64, 66, 103; 68:406; leptoglossa 62:65, 70-71, 97; 74:510; mariana 71:34; nervosa 71:34; psammophila 62:66, 76; 67:87 (fig. 3); scabra 62:66, 73-74, 98; alpha calycium 62:73-74; beta nuda 62:73-74; scabrella 72:44; spp. 71:59; subaxillaris 54:307; 56:182-183; 62:65, 72-74, 97-100; 63:243-246; 67:87 (fig. 2); 68:406-407, 519; 70:220; 73:111; var. petiolaris 62:101; 63:243-245; 68:406; var. procumbens 62:66, 75, 99; 63:244-245; var. subaxillaris 62:66, 72; villosa 70:301; viscida 70:301-302
 Heterothrix patens 62:15
 Heuchera 53:105; americana 63:50, 53; var. hirsuticaulis 53:105; missouriensis 53:106, 107 (figs. 1-9), 108-109, (pl. 1166); parviflora 53:105-109; var. rugelii 53:105-108; var. typica 53:107; puberula 51:117; 53:105, 108-109; f. glabrata 51:117; richardsonii 55:46, 163; var. hispidior 55:163; sanguinea 54:256
 Hevea 70:119
 Hevetia flexilis 58:90
 Hexalectris spicata 57:321; 59:240
 Hexandria 75:427-429; trigynia 55:9
 Hexotria 53:232
 Hibiscus 69:424; acetosella 75:418; aculeatus 52:264; 71:33; brasiliensis 69:375; esculentus 69:424; lasiocarpa 74:384; militaris 54:174; palustris 51:137; 52:264; 54:174; 59:264; phoeniceus 69:375; sabbdariffa 69:387, 424; syriacus 52:296; 74:145; tiliaceus 67:340; trionum 51:8; 55:11; 74:150; vitifolius 69:424
 Hicoria 51:85; borealis 51:85, 87, 89; 52:193; carolinae-septentrionalis 51:85; 52:193; glabra hirsuta 52:192-193; var. hirsuta 52:192; microcarpa 51:86; minima 51:86; odorata 51:87-88; 52:193; var. villosa 51:87;

- 52:193; *ovalis borealis* 51:89; *ovata* 51:85-86; 52:193; *pallida* 52:193
Hidalgoa 71:319; *ternata* 74:204, 206
Hieracium 54:14, 17; *aurantiacum* 51:8, 112, 390; 55:201; 58:247; 60:66; 65:95; 67:197; 72:528; 75:322; *canadense* 55:201; 58:247; 70:181; var. *canadense* 72:528; var. *hirtirameum* 53:9; *commersonii* 70:230 (fig. 26), 240; *florentinum* 60:66; 66:61; 72:528; *floribundum* 65:95; 75:322; *greenii* 54:73; *greenii* 54:73; *groncvii* 63:146; var. *foliosum* 54:131; *mexicanum* 64:276; *paniculatum* 72:528; f. *glandulosum* 69:34; *pilosella* 65:76; 66:61; 70:179, 182; 72:528; 75:322; var. *niveum* 60:320; *pratense* 65:76; 66:142; 72:528; 75:322; *robustum* 63:272; *scabriusculum* 55:201; *scabrum* 53:10; 55:201; 72:528; *selerianum* 64:276; *umbellatum* 55:201; 75:159, 161; *vulgatum* 56:41; 57:268; 65:76; 75:159
Hierochloë alpina 54:277; 55:248; 67:380; *odorata* 55:125; 58:246; 65:89; var. *fragrans* 55:125; *pauciflora* 71:508
Hilaria jamesii 51:19; 62:93; *mutica* 52:20
Hildenbrandia prototypus 66:226; 71:134; 72:117, 200, 209, 231-232, 237, 323, 334; 73:283; 74:269, 411, 423, 480; 75:59, 61
Hildenbrandiaceae 71:134; 72:209
Hillia parasitica 70:416
Hippobroma 69:447; *longiflora* 69:447
Hippocastanaceae 52:295; 57:37
Hippocratea caribaea 67:338
Hippocrateaceae 67:338
Hippomane 69:420; *mancinella* 69:420
Hippuridaceae 55:177; 75:319
Hippuris tetraphylla 53:19; *vulgaris* 55:177, 223; 61:286; 65:219; 67:196; 75:319; f. *fluviatilis* 55:48, 177; 61:286; var. *rhaetica* 55:177
Hirudinaria macrospora 61:98
Hoffmannseggella 74:283; *brevicaulis* 74:284-285; *cinnabarina* 74:283; *harpophylla* 74:284-285; *kautskyi* 74:285
Hoffmanseggia drepanocarpa 51:24
Hofmeisteria 69:46, 352, 368-369; *crasifolia* 69:353, 365, 367 (pl. 1368), 369 (fig. 11, map); *dissecta* 69:352-353, 354 (pl. 1362), 369 (fig. 11, map); *fasciculata* 69:353, 362, 364 (pl. 1367), 369 (fig. 11, map); var. *grayi* 69:362; var. *pubescens* 69:363; var. *xanti* 69:362; *filifolia* 69:353, 366, 369 (fig. 11, map), 370 (pl. 1369); *gentryi* 69:36; *laphamioides* 69:40; var. *pauciseta* 69:42; *pleuriseta* 69:35-37; var. *laphamioides* 69:40; var. *pauciseta* 69:42; *pubescens* 69:362; *schaffneri* 69:353, 357, 359 (pl. 1365), 368 (figs. 1-2), 369 (fig. 11, map); *sinaloensis* 69:353, 355, 356 (pl. 1363), 369 (fig. 11, map); *standleyi* 69:353, 357, 358 (pl. 1364), 368 (figs. 9-10), 369 (fig. 11, map); *tenuis* 69:44; *urenicfolia* 69:353, 360, 361 (pl. 1366), 368 (figs. 3-8), 369 (fig. 11, map); *viscosa* 69:37
Holcus 68:101, 244; *halepensis* 59:234; 67:318; *lanatus* 52:75; 61:26; 68:244; 73:60, 105; *mollis* 52:75; *sorghum* 67:318; 68:441
Holocarpha 56:20
Holosteum umbellatum 54:253; 60:15; 62:93, 108, 115, 262; 64:222
Homalia jamesii 62:160
Homalium leiogynum 67:341; *pleiandrum* 67:341; *racemosum* 67:341
Homalobus amblyodon 75:304
Homalocenchrus hexandra 67:319; *lenticularis* 63:137; *monandrus* 67:319
Homalotheciella fabrofolia 53:125; *subcapillata* 62:165
Homalothecium nuttallii 52:73
Homalomena coerulescens 62:252; *pygmea* 62:252, 256
Homogyne alpina 55:219
Homolepis 68:108, 334; *aturensis* 68:334
Homomallium adnatum 62:167
Homostegia parasitica 71:194
Hookeria acutifolia 74:524
Horanthes 67:201; *arenaria* 67:311; *podanisia* 67:302; *tripetala* 67:312
Hordeum 68:98, 237; *brachyantherum* 51:99; 70:468-469, 471; *halophilum* 68:237; *jubatum* 55:121; 58:246; 69:157; 70:451, 467, 468 (pl. 1398), 469-472; 71:519; 72:510; 75:314; *montanense* 63:41; *muticum* 68:237; *nodosum* 68:237; *pusillum* 52:19; 63:41; *vulgare* 56:180; 72:510
Hormidiopsis ellipsoideum 64:55
Hormidium flaccidum 67:246 (pl. 1314), 251; *tripterum* 67:326
Hormodendron sp. 73:308
Hormogonales 67:252; 73:267
Hormogonium glutinosum 73:267; *holdenii* 73:267
Hormotila mucigena 58:119
Hornemannia racemosa 67:344
Hosta japonica 53:81, 88; *ventricosa* 53:25, 81, 88
Hottonia inflata 51:117; 54:258; 55:15; *palustris* 66:56
Houstonia 63:217; 64:313; *angustifolia* 61:198; *arenaria* 63:221; *australis* 63:222; *brandegeana* 63:221; *bre-*

- vipes 63:221; caerulea 52:297; 61:123, 159; 64:29-30, 91; 66:379; 72:525; var. faxonorum 64:28; 65:312; calycosa 61:171; canadensis 61:157, 159, 162, 165, 175 (map 2), 176, 178-180, 188-189, 194 (map 3), 201; ciliolata 61:176, 178; drymarioides 63:221; faxonorum 64:28; floridana 61:157; gracilenta 63:222; gracilis 63:221; humifusa 52:20; lanceolata 61:157, 160, 171; f. albiflora 61:171; latifolia 61:167; longifolia 55:84, 192; 61:157, 175, 178, 193-199, 203; tenuifolia 61:190; ciliolata 61:176; var. ciliolata 61:178; var. compacta 61:159, 162-163, 166, 178, 193, 194 (map 3), 197 (map 4), 199-202, 205-206; var. glabra 61:166, 194 (map 3), 199-200, 204-206; var. longifolia 61:162, 166, 178, 189, 194 (map 3), 199-200, 203; longipes 63:222; macrosepala 61:171; minima 55:202; 64:29-31; 65:271; montana 61:157, 169; mullerae 63:218; nigricans 57:288; 61:157, 198; palmeri 63:222; parvula 63:222; patens 65:271; var. pusilla 55:202; peninsularis 63:222; procumbens 57:288; 64:89; 70:306; prostrata 63:222; purpurea 51:120; 61:157-158, 162-163, 166, 172, 178, 197 (map 4), 205; f. pubescens 61:167; var. calycosa 61:159, 162, 165, 168 (map 1), 169, 171-175, 178, 188, 196, 201; var. ciliolata 61:176; var. longifolia 61:195; var. montana 61:160, 165, 169-170; var. pubescens 61:167; var. purpurea 61:159, 165, 167, 168 (map 1), 169-170, 173-175; var. tenuifolia 61:190; \times longifolia var. compacta 61:200, 205; pusilla 55:203; 57:317; 64:29-31; 65:271; f. albiflora 57:317; pygmaea 55:201-202; rotundifolia 64:89; 70:306; salina 63:222; serpyllifolia 64:29, 313; setiscaphia 61:157, 177-180; tenella 55:202; tenuifolia 61:157, 159-160, 162-163, 166, 175 (map 2), 190, 192-194, 197 (map 4), 198-200, 203; 64:313; f. leucantha 61:190; umbratilis 63:222; varians 61:167
- Hovea linearis 51:207
- Hoya carnosa 69:436
- Hudsonia 69:186; 70:290; 71:19, 21, 23; ericoides 70:289-291; 72:522, 530; montana 70:291; tomentosa 70:225, 443; 71:26; 75:56; var. intermedia 72:522
- Hufelandia pendula 67:330
- Humaria hemisphaerica 71:202
- Humulus japonicus 60:297, 304; lupulus 60:297, 304; 64:243; 67:50, 51 (pl. 1310), 52; 72:516
- Hura 69:420; crepitans 69:420; 71:439
- Hutchinsia calycina 54:98; β americana 54:99; var. integrifolia 54:102
- Hyacinthus muscari 68:457-458; racemosus 64:457-458
- Hyalotheca dissiliens 58:119; 63:279; 64:55; 71:435; 73:65-66; mucosa 58:119; undulata 63:279
- Hybanthus concolor 51:148; 66:312; 71:303; linearifolius 67:341; portoricensis 67:341
- Hybosperma spirosum 67:339
- Hydnum erinaceus 64:91
- Hydora lithuanica 67:171
- Hydrangea 72:54; arborescens 52:262; 58:39; paniculata 63:50, 54; 73:101; petiolaris 73:101, 213; quercifolia 54:256; 63:50, 55; radiata 63:50, 55
- Hydrastis canadensis 51:148, 155; 62:110, 115; 66:94
- Hydrilla 67:155; verticillata 67:167, 170-171; var. crispa 67:168
- Hydrocharis morsus-ranae 70:171; 72:164
- Hydrocharitaceae 55:118; 67:317; 68:437
- Hydrochloa carolinensis 51:125; 63:256
- Hydrocoleum glutinosum 73:239-241; holdenii 73:239-241; 75:285; lyngbyaceum 73:239-241, 268
- Hydrocotyle 70:573; americana 72:522; bonariensis 67:344; 70:225; chinense 52:175; sibthorpioides 60:20; umbellata 57:287; 71:33; 75:420; verticillata var. triradiata 67:344
- Hydrodictyaceae 63:277; 75:266
- Hydrodictyon reticulatum 64:55; 73:296
- Hydrolea ovata 51:21; uniflora 55:15
- Hydromistria stolonifera 67:317
- Hydrophyllaceae 55:186; 63:342; 66:13; 67:348
- Hydrophyllum appendiculatum 54:257; 55:225; 72:399-400; 74:385; f. album 54:257; canadense 62:209; 72:492; fendleri 74:83; trilobum 62:399-400; virginianum 55:156; 57:131; 66:312
- Hydrurus 64:58; foetidus 58:119
- Hygroamblystegium fluviatile 62:163; irriguum 53:125; 62:163; orthocladon 53:125; 62:163; tenax 62:163
- Hygrohypnum bestii 54:156-157; dilatatum 62:163; eugyrium 62:163; luridum 62:164; molle 54:156-157; var. bestii 54:156-157; montanum 62:164; ochraceum 62:164; palustre 62:164
- Hygrophoropsis olida 64:129
- Hygrophorus albipes 61:132; angelesianus 71:184; basidiosus 61:127,

- 131-132; *chrysoaspis* 61:134; *chryso-*
don 65:296; *conicoides* 71:182; *conic-*
us 71:182; f. 71:180, 181 (pl. 1407),
 181; *cossus* 71:182; *fibrillosus* 71:
 182, 183 (pl. 1408), 184; *flavodiscus*
 61:127, 132, 133 (pl. 1250), 134-135;
fuliginus 65:296; *gliocyclus* 61:135;
hudsonianus 62:189; *lilacinus* 68:179
 (pl. 1332), 1881; *marginatus* var.
concolor 71:184; var. *olivaceus* 71:
 185; *melizeus* 61:134; *mephiticus*
 62:192; *monticola* 68:180 (pl. 1333),
 181-182; *nitiosus* 68:182; *purpureo-*
folius 62:186, 190, 191 (pl. 1253),
 191; *recurvatus* 71:185; *schulzeri*
 71:185 (pl. 1409), 186; *tahquameno-*
nensis 68:182; *tennesseensis* 62:193;
tephroleucus var. *tephroleucus* 71:
 186; *troyanus* 62:193; *violeipes* 68:
 181
- Hylocereus* 69:428; *trigonus* 69:428;
undatus 69:428
- Hylocomiaceae* 62:147, 168
- Hylocomium* *brevirostre* 54:157; 62:
 168; *splendens* 58:249; 62:168; *um-*
bratum 62:168
- Hymenachne* 68:107, 333; *donacifolia*
 68:333
- Hymenaea* 69:411; *courbaril* 69:411
- Hymenatherum* 64:6, 8-9, 12
- Hymenocallis* *declinata* 67:324; *key-*
ensis 57:285; *littoralis* 59:99; *occi-*
dentalis 60:13; *palmeri* 59:99
- Hymenodium* *crinitum* 67:357
- Hymenomycetes* 61:127
- Hymenopappus* 56:256; 58:163, 208,
 250, 295; 66:67; 70:481-482; ser.
Biennes 58:174 (fig. 21), 180, 182
 (fig. 22), 209, 256, 258 (figs. 38-42);
 ser. *Perennes* 58:174 (fig. 21), 182
 (fig. 22), 184, 209-210; *anthemoides*
 58:306; *arenosus* 58:251-252; *arte-*
misiaefolius 58:175, 255, 259, 266-
 267, 296, 302-303, 305-306; var. *arte-*
misiaefolius 58:170, 182 (fig. 22),
 188, 210, 258 (fig. 40), 298 (fig. 47,
 map), 300, 302-306; var. *riogran-*
densis 58:170, 182 (fig. 22), 184, 186,
 210, 298 (fig. 47, map), 300, 303-
 306; *biennis* 58:180, 182 (fig. 22),
 183-184, 186, 209, 212 (fig. 24, map),
 256-257, 258 (fig. 38), 259; 59:96-97;
canescens var. *canotomentosus* 58:
 268; *caroliniensis* 58:295; *cinereus*
 58:228, 235-236, 251; *columbianus*
 58:239; *corymbosus* 58:266, 296-297,
 300; var. *nuttallii* 58:260; *douglasii*
 58:306; *engelmannianus* 58:297;
eriopodus 58:225, 228; *filifolius*
 58:164-166, 175, 177, 180, 182
 (fig. 22), 184-185, 209, 211, 214,
 217-218, 220, 230, 239, 269, 306; var.
alpestris 61:155; var. *cinereus* 58:
 168 (fig. 9), 169 (figs. 13, 19-20),
 170, 174 (fig. 21), 186, 209, 211, 215,
 217-218, 221, 222 (fig. 34), 223-225,
 228, 231 (fig. 37), 233, 236, 251-253,
 261-262, 269; var. *eriopodus* 58:186,
 215, 218, 225, 226 (fig. 36, map),
 227-228, 242; var. *filifolius* 58:168
 (fig. 3), 170, 174 (fig. 21), 186, 215,
 216 (fig. 26), 218, 220 (fig. 28, map),
 227, 239-240; var. *idahoensis* 58:
 170, 186, 215, 218, 220 (fig. 28, map),
 222 (fig. 35), 242, 250; var. *lugens*
 58:165, 168 (figs. 5-6), 169-170, 172,
 174 (fig. 21), 176, 186, 215, 218, 220-
 221, 222 (figs. 29-30), 228-230, 231
 (fig. 37, map), 232-234, 238, 241-242,
 252, 255, 269; 59:97; var. *luteus*
 58:169 (fig. 17), 171, 174 (fig. 21),
 186, 215, 218, 221, 222 (fig. 31),
 223-224, 226 (fig. 36, map), 228,
 252; var. *megacephalus* 58:186, 215,
 218, 223, 225, 226 (fig. 36, map),
 227-229, 233, 238-239, 252; var.
nanus 58:168 (fig. 4), 169 (fig. 15),
 171, 174 (fig. 21), 186, 215, 218-
 219, 220 (fig. 28, map), 222 (fig.
 32), 226-227, 233, 240-242, 250; var.
nudipes 58:171, 186, 214, 217-219,
 220 (fig. 28, map), 221, 233; 61:155;
 var. *parvulus* 58:168 (figs. 1-2), 171,
 174 (fig. 21), 186, 214, 216-219, 220
 (fig. 28, map), 222 (fig. 32), 252;
 var. *pauciflorus* 58:171, 186, 215,
 218, 220 (fig. 28, map), 224-225, 228,
 238-239, 252; var. *polycephalus* 58:
 169 (fig. 18), 171-172, 186, 215, 218,
 231 (fig. 37, map), 235-236, 240, 261-
 262; var. *tomentosus* 58:171, 186,
 215, 218, 220 (fig. 28, map), 225,
 228, 233, 237-239; *fisheri* 58:264;
flavescens 58:182 (fig. 22), 259,
 264, 266-267; var. *canotomentosus*
 58:168 (fig. 10), 171, 174 (fig. 21),
 182 (fig. 22), 184, 186, 209, 258
 (fig. 39), 265, 266 (fig. 44), 268-269,
 298 (fig. 46, map); 59:97; var.
flavescens 58:169 (fig. 14), 171, 182,
 186, 209, 264, 266 (fig. 44), 268-269,
 298 (fig. 46, map), 299; *flavomargi-*
natus 58:182 (fig. 22), 186, 209,
 212 (fig. 25, map), 257, 258 (fig.
 42), 259; 59:97; *glandulopubescens*
 59:97; 66:187; *glandulosus* 58:306;
glaucus 58:306; *gloriosus* 58:230;
integer 58:254-255; *integrifolius*
 58:306; *laxiflorus* 58:295; *ligulae-*
florus 58:306; *lugens* 58:174 (fig.
 21), 228, 230; *luteus* 58:221, 230;
macroglottis 58:230; *matricarioides*
 58:306; *mexicanus* 58:171, 182 (fig.
 22), 185-186, 209, 212 (fig. 25, map),

- 216 (fig. 27), 254-255; 59:97; *nanus* 58:240-241; *nelsoni* 58:306; *nevadensis* 58:306; *newberryi* 58:168 (figs. 7-8), 171, 173, 179-180, 182 (fig. 22), 183, 186, 209-211, 212 (fig. 24, map), 213-214, 257; *niveus* 58:237, 239; *nudatus* 58:230; *nudipes* 58:219; 61:155; var. *alpestris* 58:219, 221; 61:155; *obtusifolius* 58:254; *ochroleucus* 58:228, 251-252; *palmeri* 58:306; *parvulus* 58:216-217; *pauciflorus* 58:224, 228; *pedatus* 58:306; *petaloideus* 58:254-255; *polycephalus* 58:235-236; *radiatus* 58:171, 180, 182 (fig. 22), 186, 209, 211, 212 (fig. 24, map), 213-214, 255, 257; 59:96; *robustus* 58:268; *scabiosaeus* 56:274; 58:165, 186, 209, 255, 295-296, 300; 73:497; var. *corymbosus* 58:168 (fig. 12), 171, 173, 174 (fig. 21), 182 (fig. 22), 186, 210, 262, 265, 266 (fig. 44), 297-298 (fig. 45, map), 299-300, 303-305; 59:97; var. *scabiosaeus* 58:182 (fig. 22), 186, 210, 295-296, 298 (fig. 45, map), 299, 303; *scaposus* 58:230; *sulphureus* 58:297; *tenuifolius* 58:168 (fig. 11), 171, 174 (fig. 21), 182 (fig. 22), 184, 186, 209, 235-236, 239, 258 (fig. 41), 259-260; 261 (fig. 43, map), 262; 74:395; *tomentosus* 58:228, 237; *wislizeni* var. *setiformis* 58:307; *wrightii* 58:307; var. *viscidulus* 58:307
- Hymenophyllaceae* 67:360; 68:464
- Hymenophyllum axillare* 67:360; *ciliatum* 67:360; *contortum* 69:376; *crispum* 69:376; *elegantulum* var. *petiolulatum* 67:360; *fucoides* 69:376; *gratum* 68:464-465; *hirsutum* 67:360; 68:465; 69:376; var. *gratum* 68:465; *hirtellum* 68:464-465; var. *gratum* 68:465-466; var. *vincentinum* 68:465; *lanatum* 67:360; 69:376; *maxonii* 68:465; *protrusum* 69:376; *sieberi* 67:360; *tunbridgense* 64:348; *undulatum* 67:360
- Hymenostomum rostellatum* 51:128
- Hymenostylium recurvirostrum* 62:154
- Hymenothrix* 66:67; *palmeri* 58:166, 178; *wislizenii* 58:178-179; *wrightii* 58:178
- Hymenoxys* 58:164; 59:131; 66:67; *insignis* 63:123 (fig. 20), 128; *odorata* 63:123 (fig. 21), 125, 128; 66:74; *richardsonii* 60:270; 74:109; var. *floribunda* 74:109
- Hyoscyamus niger* 53:4
- Hyparrhenia* 68:104, 351; *bracteata* 68:351; *formosa* 58:137, 139, (pl. 1226); *hirta* 58:136-137, 139, (pl. 1226); *rufa* 58:137-139, (pl. 1226); 70:556
- Hypericaceae* 67:340; 71:33
- Hypericum* 53:98; 57:132; sect. *Brathydium* 63:10; sect. *Brathus* 64:234, 237, 240; sect. *Myriandra* 63:10-15; 74:276; *adpressum* 51:112; f. *spongiosum* 51:112; var. *spongiosum* 51:112; *androsaemum* 63:12; *aphyllum* 64:235; *arnoldianum* 74:277; × *arnoldianum* 74:276-280; *aspalathoides* 54:206-207; *bissellii* 59:76; *boreale* 54:307; 57:132; 64:240; 71:26; 72:521; 73:258; f. *callitrichoides* 73:258; × *canadense* 57:132; *brevistylum* 64:238; *buckleyi* 63:13; *canadense* 53:269; 54:256, 307; 57:132; 64:240; 65:93, 357-358; 70:291; 72:521; 73:258; var. *galiiforme* 64:241; 65:358; var. *magninsulare* 64:241; 65:358; *cistifolium* 63:13; 71:33; *cumulicola* 64:234, 238; × *dawsonianum* 74:279-280; *densiflorum* 70:291; 74:146, 278-281; *denticulatum* 56:228; 64:238, 241-242; 71:33; 74:146-147; var. *acutifolium* 64:241-242; var. *denticulatum* 64:241; var. *recognitum* 64:241-242; *dissimulatum* 54:307; 57:132; 64:240; 72:521; *dolabriforme* 74:146-147; *drummondii* 64:234, 238; *eastwoodianum* 64:238; *edisonianum* 63:15; *ellipticum* 63:11; 73:258; *fasciculatum* 54:206-207; 71:33; *fastigiatum* 64:238; *filicaule* 63:12; *foliosum* 54:206; *formosum* 64:238-240; *frondosum* 74:281; *fuertesii* 64:234; *galioides* 54:207; 63:11; 74:276-278; var. *aspalathoides* 54:207; var. *fasciculatum* 54:207; var. *lloydii* 54:207; var. *reductum* 54:207; *gentianoides* 64:233-235, 238; 65:285, 357; 72:521; *gnidioides* 64:238; *graveolens* 64:238-239; *gymnanthum* 64:240; *hintonii* 64:238; *hondurasense* 64:238; *humifusum* 63:12; *hypericoides* 63:15; 64:237; 67:341; 73:494, 504, 506; var. *hypericoides* 73:553; var. *multicaule* 73:553; *kalmianum* 57:114; 60:251; 74:280-281; *kiboense* 63:12; *lobocarpum* 63:20; 74:146, 276-280; *longibracteatum* 64:238; *macrosepalum* 59:76; 63:12; *majus* 53:269; 55:174; 64:240; 72:521; *microsepalum* 63:15; 64:152, 157 (fig. 23); *mitchellianum* 64:238-240; *mutilum* 54:307; 59:79, 94; 64:240; var. *latisepalum* 64:240; var. *parviflorum* 57:132; 60:68; 72:521; *myrtifolium* 59:93; 63:11, 13; × *nothum* 74:280-281; *paniculatum* 64:238; *pauciflorum* 64:234, 238; *pauci-*

- folium 64:238; perfoliatum 72:378; perforatum 52:296; 54:128; 58:247; 60:68; 63:13; 64:235; 72:521; 74:392; pinetorum 64:238; pratense 64:238; pringlei 64:235; prolificum 54:205-206, (pl. 1187); 61:249-251; 72:79; 74:279-281; pseudomaculatum 59:40; 64:238-240; f. flavidum 62:131; punctatum 63:13; 64:238-240; 73:258; var. pseudomaculatum 74:145-146; f. flavidum 62:131; var. punctatum 74:146; schaffneri 64:238; scouleri 64:238-240; setosum 64:238; silenoides 64:238; spathulatum 61:27, 249, 251; 74:146; sphaerocarpum var. sphaerocarpum 74:147; var. turgidum 74:146-147; stans 63:15; 71:33; stragulum 63:15; 64:236-237; 73:553; styphelioides 64:236; submontanum 64:238; suffruticosum 63:15; surculosum 70:38; terrae-firmae 64:235-236; tetrapetalum 59:93; 63:15; tubulosum var. walteri 54:128; 60:206; uliginosum 64:238; \times vanfleettii 74:281; virginicum 66:149; 71:21, 26; 73:258; var. fraseri 55:174; 65:93; 66:149; 72:521; 75:319; var. virginicum 72:521; woodsonii 64:238
- Hypnaceae 53:125; 62:147, 167
 Hypnea musciformis 75:274
 Hypneaceae 75:274
 Hypnum arcuatum 62:167; bestii 54:156; cristacastrensis 62:167; cupressiforme 62:167; var. filiforme 62:167; var. resupinatum 62:167; var. subjulaceum 62:167; curvifolium 53:125; 62:167; fertile 62:167; haldanianum 72:494; imponens 53:125; 62:167; lindbergii 62:167; moluscum 53:125; 59:26; 62:167; nuttallii 52:73; pallescens 58:249; patientiae 53:125; pratense 62:167; reptile 62:167; turgescens 54:157; vaucheri 62:167
- Hypochaeris brasiliensis 70:233, 240; gardneri 70:233, 240; glabra 60:10, 28-29; 74:149; 75:409; radicata 56:252; 59:33; 64:346; 70:233, 240, 559, 561; 74:149
- Hypogymnia physodes 60:82
 Hypogynium spathifolium 58:137, 139, 141, (pl. 1226)
 Hypolepis nigrescens 69:376
 Hypolytrum lancifolium 73:160; stemonifolium 73:160
- Hypoxis 53:87; hirsuta 53:82, 86-87; 66:379; 74:293; juncea 66:379; 75:385; micrantha 71:32; sp. 72:393; wrightii 67:324
- Hyptis 69:439; alata 64:185; 71:33; var. stenophylla 64:186; americana 67:350; capitata 57:75; 69:439; escobilla 67:350; floridana 64:185; latidens 64:184-186; laeiocephala 64:185-186; mutabilis 64:185; 75:402; pectinata 69:439; radiata 57:75; 64:184-185; rugosa 64:184; scoparia 67:351; spicigera 67:350; suaveolens 69:439
- Hyssopus anthiodorus 57:291; 58:287; 70:38; anisatus 70:38
- Hysterionica 62:62; sect. Heterotheca 62:64
- Hysterium hyalinum 61:88; karstenii 61:88, 102
- Hystrix 56:192-194, 196-197; 69:344; patula 51:109; 56:196; 69:121-123, 135, 342; var. bigeloviana 56:192; 57:311; 59:125, 233; 69:135; 70:452
- Ibatia maritima 67:346; 69:436
- Iberis amara 63:49, 55; umbellata 63:49, 55; 72:518, 531
- Ibervillea lindheimeri 52:20; 56:162
- Ibidium gracile 73:300; tortile 67:325
- Icacorea glauciflora 67:344; guadalupensis 67:344; 69:433; luquillensis 67:344
- Ichnanthes 68:108, 329; breviscrops 68:329-330; calvescens 68:329-330; candicans 68:330-331; minarum 68:330-331; pallens 68:330-331; peruviana 68:329-330; ruprechtii 68:330-331
- Ichthyomethia piscipula 67:334; 69:414
- Ichthyothere 72:94; rufa 72:95, 98
- Ilex 53:229-231; 59:20; 69:421; 71:198; aestivalis 53:234; ambigua 53:235, 237; f. channellii 59:23; amelanchier var. monticola 53:237; americana 53:233; aquifolium 53:233, 275; beadleii 53:239; canadensis 53:233; cassine 53:276, 278-279; collina 59:20-22; f. van-trompii 59:22; cookii 67:338; coriacea 70:290; 71:32; dahoon 53:278-279; decidua 53:231, 232 (map), 233-235, 239; 55:16; dubia 53:238; var. beadleii 53:239; var. mollis 53:239; f. beadleii 53:239; var. monticola 53:237; glabra 53:269; 57:34; 58:25; 70:290; 71:32; 72:521, 529-530; f. leucocarpa 58:25, (pl. 1222); hypaneura 69:374; krugiana 73:206; laxifolia 53:233; longipes 53:232 (map), 233-234, 239; 59:20-22; f. van-trompii 59:22; mollis 53:238; montana 52:277; 53:232 (map), 233, 236-239; 59:20; 61:23; 72:492; f. rotundifolia 53:238, 240; var. beadleii 53:239; var. mollis 53:232 (map), 238-240; f. grayana 53:239; monticola 53:

- 237; var. *mollis* 53:238; *myrtifolia* 60:18; 66:379; *opaca* 53:231, 232 (map), 233-234, 239; 57:159, 315; 59:257; 60:206; 70:224-225; 73:494, 501; f. *subintegra* 53:233, 239; f. *xanthocarpa* 53:233, 239; *padifolius* 53:237; *paraguariensis* 53:278; *prinoides* 53:234; *quercifolia* 53:233; *sideroxyloides* var. *occidentalis* 67:338; *tenuifolia* 53:234; *urbaniana* 69:421; *verticillata* 53:232 (map), 233, 236, 239; 59:20, 22-23; 63:66; 65:92; 66:176; 67:402; 71:26; 72:79, 281, 339, 426; var. *padifolia* 53:232 (map), 237, 239; 59:22; var. *verticillata* 72:521; *vomitorea* 53:273, 275-279; 61:187; 66:159; 70:225; 71:32
- Iliamna* 69:21
- Ilicaceae* 67:338
- Illicium floridanum* 56:83 (map 3), 84; *mexicanum* 56:83 (map 3), 84; *parviflorum* 65:361
- Ilysanthes dubia* 67:351; *monticola* 66:379
- Impatiens biflora* 55:173; *capensis* 55:173; 60:68; 63:289; 65:93; 71:522; 72:499, 521; f. *immaculata* 75:319; f. *peasei* 52:58; *glandulifera* 56:249; *pallida* 57:308; 72:492; *parviflora* 56:249; spp. 69:415
- Imperata* 68:107, 345; *brasiliensis* 68:345; *minutiflora* 68:345; *tenuis* 68:345
- Indigofera* 69:414; *excelsa* 51:364; *mucronata* 51:381; *perriniana* 51:339, 372, 378-379; *suffruticosa* 69:414; *truxillensis* 63:18
- Inga* 69:409; 70:331; *fagifolia* 67:330; 69:409; *inga* 67:331; *laurina* 67:331; 69:409; *vera* 67:331
- Inula* 62:62; *divaricata* 67:231; *punctata* 62:72, 74; *scabra* 62:65-67, 72, 74; *subaxillaris* 62:67, 72-74
- Inulopsis* 70:232-233; *scaposa* 70:230 (fig. 12), 231, 238
- Ionidium linearifolium* 67:341; *portoricensis* 67:341
- Ionopsis pygmaea* 59:288
- Ionoxalis intermedia* 67:335; *martiana* 60:17; 67:335
- Iostephanes heterophylla* 64:260 (fig. 12); var. *dicksonii* 64:266; *trilobata* 64:266
- Ipheion uniflorum* 64:149
- Ipomoea* 59:242; 69:436; *acuminata* 67:347; 69:436; *aegyptia* 67:347; 69:437; *alba* 67:347; *annicola* 67:200; *angustifolia* 67:347; *batatas* 67:347; 69:436; *careltoni* 71:175; *cathartica* 57:288; 67:347; 69:436; *dissecta* 67:347; 69:437; *hederacea* var. *integriuscula* 55:160; *hederifolia* 67:347; 73:49; *heptaphylla* 54:128; 67:200, 347; *kentrocarpa* 67:347; *longifolia* 71:175; *muricata* 75:399; *nil* 69:436; 75:420; *ochroleuca* 67:347; *palustris* 67:347; *pandurata* 51:75; 71:175; f. *leviuscula* 51:75; var. *rubescens* 51:75; *pes-caprae* 57:280-281, 288; 69:436; var. *brasiliensis* 67:347; *polyanthes* 67:347; 69:437; *pulchella* 67:200, 347; *purpurea* 67:347; *quamoclit* 67:347; 69:436; *quinquefolia* 67:347; 69:437; *repanda* 67:347; 69:436; *rubra* 67:347; *sagittata* 57:287; 70:225; *setifera* 67:347; *shumardiana* 71:175; *solani-folia* 67:347; *spiralis* 69:375; *spiralus* 67:347; 69:375; *steudelii* 67:347; 69:436; *tiliacea* 69:436; *tricolor* 67:347; *triloba* 69:436; *tuba* 67:347; 69:436; *violacea* 67:347; *wrightii* 67:200
- Iresine* 69:403; *angustifolia* 69:403; *celosia* 57:285; 67:329; *diffusa* 67:329; *inaguensis* 66:8, 12; *rhizomatosa* 64:282-283
- Iridaceae* 51:208; 53:82; 55:139; 64:291, 310; 66:12; 67:324; 68:459; 71:32; 75:316, 415
- Iris* 71:212, 75:2; *brevicaulis* 56:80; 60:42; *cristata* 58:40; *fulva* 65:283; *germanica* 53:82, 88; *hookeri* 53:1, 82, 88; 64:343, 345; 65:90, 286; 72:514, 530; *lacustris* 52:44; 74:271; f. *albiflora* 74:271; *laevigata* 53:82, 88; *missouriensis* 74:290; *orientalis* 53:82, 88; *prismatica* 53:82, 87; 59:264; 65:273; 71:213; \times *versicolor* 53:82; *pseudacorus* 53:82, 88; 55:244; 67:196; *pumila* 51:8; 53:82, 88; *tripetala* 56:257; *verna* 71:212-214; var. *smalliana* 71:213-214; var. *verna* 71:213; *versicolor* 53:82, 84-85; 55:139, 244; 64:341, 345; 65:90; 71:20-21, 24, 514, 520; 72:514; 73:257; 75:316; *virginica* var. *shrevei* 56:80; 66:312
- Isachne* 68:108, 334; *arundinacea* 68:334
- Isactis* 64:58
- Isandrina emarginata* 67:332
- Isanthus brachiatus* 57:320
- Isatis* 54:183
- Isidorea* 72:36; *leonardii* 72:36
- Isnardia palustris* 67:83, 343; *spathulata* 75:394
- Isochilus linearis* 59:248
- Isoëtaceae* 55:94
- Isoëtes* 54:25, 287; 75:367; *butleri* 63:20, 146; 75:367-368; *engelmanni* 51:117; 55:291; *macrospora* 55:48, 77, 94; 60:316; 70:202, 211; *melanopoda*

- 59:126; 75:367-368; f. *pallida* 51:103
 59:126; var. *pallida* 51:103; *melanospora* 70:394; *muricata* 55:48, 77, 94; 60:34; 72:508; var. *braunii* 70:202; var. *hesperia* 70:203; *riparia* 60:316; var. *canadensis* 60:316; *tuckermanii* 56:226; 72:3; 73:254
Isoloba elatior 59:227; *lutea* 59:227; *pumila* 59:228; *recurva* 59:227
Isopappus 62:63; *divaricatus* 67:231; var. *hirtellus* 67:229; var. *hookerianus* 62:321; 67:325; *hookerianus* 62:321; 67:235; *validus* 62:321; 67:233
Isopyrum biternatum 52:261; 64:150, 155 (fig. 12)
Isothecium myurum 62:170
Isotoma longiflora 67:354; 69:447
Isotria 75:166; *medeoloides* 53:83, 87; 56:275; 67:394, 396 (fig. 7, map); 71:304; 75:166-167; *verticillata* 53:83, 87
Isthmoplea sphaerophora 72:117, 321, 337; 74:298
Itea virginica 52:35; 60:206; 66:380; 71:32; 72:79
Iva annua 70:451; 75:407; *axillaris* 74:387; *ciliata* 60:28; 73:576; 75:407; *frutescens* 57:289; var. *oraria* 52:162; 74:291; *imbricata* 57:281, 289; *microcephala* 75:406; *xanthifolia* 69:452; *xanthiifolia* 69:452
Ixidium wrightii 67:328
Ixora 69:445; *chinensis* 69:445; *coccinea* 69:445; *ferrea* 69:445; *finlaysonia* 69:445

Jacaranda 69:442; *acutifolia* 69:442; *mimosifolia* 69:442
Jacquemontia 69:436; *abutiloides* 64:153; *canescens* 67:347; *jamaicensis* 69:436; *nodiflora* 69:436; *obcordata* 67:347; *pentantha* 69:436; *subsalina* 67:347; *tamnifolia* 54:177; 67:347
Jacquinia 69:433; *arborea* 69:375, 433; *armillaris* 73:50; *barbasco* 69:375, 433; 73:50; *berterii* 69:433; *keyensis* 57:277, 279, 287; 73:50; *revoluta* 69:433; *stenophylla* 67:344
Jacquiella miserrima 67:326; *teretifolia* 67:326
Jaegeria bellidiflora 66:156-157; *discoidea* 68:145; *gracilis* 68:145; *hirta* 64:266, 272; 68:140 (fig. 5), 143-145; 70:203 (fig. 22), 232-233, 239; 74:170; *pedunculata* 64:266, 272; 66:157; *petiolaris* 64:272, 273 (fig. 1), 275; *purpurascens* 66:157
Jaliscoa 72:100; *pappifera* 72:100; *pringlei* 72:100
Jambos jambos 67:343
Jambosa jambos 67:343; 69:432

Jasione montana 72:15
Jasminum 69:434; *azoricum* 69:375, 434; 73:50; *fluminense* 66:13; 69:375, 434; 75:420; *grandiflorum* 69:434; *multiflorum* 69:375; *officinale* var. *grandiflorum* 69:434; *pubescens* 69:375, 434; *sambac* 69:434
Jatropha 54:173; 69:420; *curcas* 67:337; 69:420; *dioica* var. *graminea* 67:194; *gossypifolia* 66:13; 67:337; 69:420; *hastata* 69:420; *hernandiifolia* 67:337; *integerrima* 67:337; 69:420; *multifida* 67:337; 69:420
Jeffersonia diphylla 51:147-148; 57:267
Johannesbaptistia pellucida 75:284
Juglandaceae 58:127
Juglans 51:105; 52:191; *cinerea* 58:127, 132; 60:71; 63:295; 72:491; 73:462; *illinoensis* 63:296; *major* 73:375; *nigra* 52:274; 58:127, 133-134; 60:65; 66:312; 68:523; 70:432; 74:390; f. *oblonga* 54:253
Juncaceae 52:293; 55:136; 63:211; 68:454; 71:32; 75:316, 414
Juncaginaceae 55:117; 68:436; 75:31
Juncoides carolinae 64:81; *pilosum* 53:243; var. *michiganense* 53:244; 64:80; *saltuense* 64:80; var. *saltuense* 64:80
Juncus 54:287; 70:221; 72:565; 75:384; *acuminatus* 71:23; *albescens* 65:211, 214; 70:103-104; *alpinus* 53:11; 58:65; subsp. *nodulosus* 70:208; var. *rariflorus* 53:11; 55:137; 68:414 (fig. 11, map), 417; *arcticus* 58:65; subsp. *alaskanus* 65:214; *articulatus* 53:18; 64:100; 70:225; var. *articulatus* 72:514; *balticus* 70:208; var. *alaskanus* 65:214; var. *littoralis* 54:203; 57:114; 65:90; 66:141; 70:205; 72:514; 74:478; var. *stenocarpus* 53:14; *biflorus* 70:225; 71:32; *biglumis* 58:280; 70:103-104; *brachycarpus* 71:32; *brachycephalus* 62:142; 75:384; *brevicaudatus* 55:47, 136; 65:90; 72:514; 75:316; *bufonius* 52:24; 53:34; 55:47, 136; 64:345; 65:90; 71:515, 520; 75:316; var. *bufonius* 72:513; var. *halophilus* 64:345; 65:90; 71:520; 75:316; *bulbosus* 67:377; *campestris* β 68:455; *canadensis* 71:32; 72:340; 73:257; var. *canadensis* 72:514; *castaneus* 58:65; 65:214; *compressus* 53:267; 58:279; *congestus* 68:454; *coriaceus* 54:193; *crassifolius* 73:552; var. *fascinatus* 73:552; *dichotomus* 70:225; *diffusissimus* 56:227; 60:206; 63:20; *dudleyi* 53:11, 267; 55:136, 226; 59:7, 36; *effusus* 51:390; 52:293; 71:21, 23, 32; 72:285; var.

- compactus 66:145; 72:513; 75:316; var. *decipiens* 55:136; 72:514; var. *pylæi* 55:47, 136; 65:90; 66:145; 72:514; var. *solutus* 53:3; 66:145; 72:340; *elliottii* 71:32; *erectus* 68:454; *fauriensis* 71:505-506; 72:486-488; *filiformis* 53:157; 55:136; 75:316; *filipendulus* 54:126; *georgianus* 70:394; *gerardii* 54:202; 63:42; 70:442-444, 446, 448; 71:23, 25; 73:275; 75:476-478, 483 (fig. 1), 485; 75:57, 316; var. *gerardii* 72:513; *glabratus* 68:454; *greenei* 51:9-10; 71:23; 72:513; *hallii* 58:280; *intermedius* 68:454-456; *leptocaulis* 54:126; *longii* 72:136; *macer* 51:9; *marginatus* 71:32; *megacephalus* 57:284; *militaris* 51:110; 56:226; 67:376; 72:514; 73:257; *multiflorus* 68:454-456; *nodatus* 75:384; *nodosus* 53:11; 55:136; 62:142; *pelocarpus* 55:137; 56:40; 58:247; 67:376; 72:514; 73:257; *platyphyllus* 59:36; *polycephalus* 66:161; var. *crassifolius* 73:552; *repens* 54:126; *roemerianus* 75:414; *scirpoides* 62:94; 71:32; *secundus* 63:20; 73:498; *setaceus* 54:193; *slwookoörum* 72:486, 487 (fig. 1), 488; sp. 71:505-506; *stygius* subsp. *americanus* 70:208; var. *americanus* 53:14, 17, 268; 54:226; 70:206-207; *subnodulosus* 61:31; *tenuis* 51:9; 60:67; 65:90; 72:340; 75:316; f. *discretiflorus* 54:252; f. *williamsii* 55:47, 136; var. *dudleyi* 55:136; var. *multicornis* 55:136; var. *tenuis* 72:513; *tracyi* 58:280-281; *trifidus* 56:246; 67:380; 68:411 (fig. 3, map), 416; 74:367-368, 370-371, 373, 375; *triglumis* 65:214; 70:104; *validus* 66:161; 68:519; 71:32; 72:272; 73:552; var. *fascinatus* 73:552; *vaseyi* 55:136; 57:306; 58:280; 74:390
- Jungermannia polaris* 60:222 (fig. 11, map); *schiffneri* 60:211, 222 (fig. 11, map), 223
- Juniperus* 54:303; 56:169, (pl. 1199); 75:341; *ashei* 56:169-171, 172 (pl. 1), 173-177; *californica* 56:170; *communis* 62:261; 71:197; var. *communis* 68:514; var. *depressa* 53:5, 19; 55:41, 101; 58:50; 66:141; 71:167; 72:4, 509; 75:314; var. *montana* 55:101; var. *saxatilis* 52:62; 55:101; 58:50; *deppeana* 56:170; *erythrocarpa* 56:170, 176; *flaccida* 73:388; *horizontalis* 55:41, 101; 57:113; 63:348; 64:341, 351; 66:141; 72:509; *lucayana* 56:174; *mexicana* 56:169-170, 175-177; *monosperma* 51:19; 52:21, 174; 56:170, 173-174, 176-177, 207; *monticola* 56:170-171, 172 (pl. 1), 174, 177; f. *compacta* 56:170, 172 (pl. 1), 173, 177; *occidentalis* 56:170, 173; var. *conjungens* 56:173-175; *pachyphloea* 56:176; *pinchoti* 52:20; 56:170; *sabinoides* 56:170, 173, 175, 177; *scopulorum* 73:58; *silicicola* 67:312; *tetragona* 56:170, 177; var. *oligosperma* 56:171, 173; *utahensis* 55:238; *virginiana* 52:274; 53:236; 54:251; 56:174, 176-177; 62:239; 63:40; 64:333; 70:399; 71:22; 73:491; var. *crebra* 56:204; 69:331
- Jussiaea* 61:307; *angulata* 70:38; *angustifolia* 67:343; 69:432; *decurrens* 60:206; 61:308; *diffusa* 68:218; *erecta* 67:343; 69:432; *leptocarpa* 60:19, 142-143; 61:307-309; 63:20; 67:181, 343; 70:38; var. *genuina* 51:117; *peruviana* 67:343; *repens* 67:347; *uruguayensis* 57:315
- Justicia* 61:183; 69:443; 70:156, 333; 71:548; *adhatoda* 70:156; *americana* 72:170; *carthaginensis* 69:443; *comata* 67:352; *cooleyi* 61:184, 185 (fig. 1), 186; *galapagana* 61:186; *lanceolata* 51:21; 64:156, 159 (figs. 50-51); *leucophloea* 71:548, 551; *ovata* 52:269; 61:186; *pectoralis* 67:352; 70:156; var. *stenophylla* 70:135, 136 (pl. 1375), 137 (pl. 1376), 138 (pl. 1377), 139, 143 (pl. 1379), 144, 155 (fig.), 156, 333; *periplocifolia* 69:443; *pringlei* 61:186; *sessilis* 69:443; *verticillaris* 67:352
- Kalanchoë* 69:408; *brasiliensis* 69:408; *laxiflora* 69:408; *pinnata* 69:408; *somaliensis* 69:408; *verticillata* 69:393, 408
- Kallstroemia* 69:415, 456; 72:397; *caribaea* 69:374, 415; *intermedia* 72:397; *maxima* 69:415; 72:397; *parviflora* 72:397; *pubescens* 69:374, 415
- Kallymeniaceae* 72:213; 74:269
- Kalmia* 52:230; 71:280, 283; *angustifolia* 53:10; 63:66; 64:98; 65:93, 273; 67:410; 69:59; 71:19, 282-284; 72:281, 523; 75:320; var. *caroliniana* 70:291; *cuneata* 71:281 (pl. 1414), 283-284; *glauca* 53:50; 71:280; *hirsuta* 56:256; 71:281 (pl. 1414), 282-284; *latifolia* 57:34-36; 58:39; 63:28, 66-67; 71:280, 282-284; 72:14, 280-281; *microphylla* 71:280, 281 (pl. 1414), 282-284; *polifolia* 55:51, 181; 62:174, 276; 65:93; 69:452; 71:280, 281 (pl. 1414), 282-284; 72:523; var. *microphylla* 71:280, 284; var. *polifolia* 71:280, 282, 284; var. *rosmarinifolia* 71:280;

- ×microphylla 71:281 (pl. 1414),
 282; poliifolia 69:452
 Kanimia 70:231, 233; strobilifera 70:
 230 (fig. 11), 236
 Keerlia linearifolia 63:152, 158
 Keissleriella caudata 68:185, 187
 (fig. 8); cladophila 68:185
 Kerria japonica 69:310, 318
 Kiaeria falcata 62:170; glacialis 51:
 29; starkei 51:122-123
 Kickxia elatine 53:132; 59:127
 Kiesera 51:233; candida 51:374; seri-
 cea 51:233, 374
 Kirchneriella contorta 71:452, 453
 (fig. 21), 455; lunaris 63:277; 71:
 455; var. diana 71:455; var. irreg-
 ularis 64:55; obesa var. aperta 71:
 455; var. major 63:277; subsolitaria
 63:277
 Kneiffia latifolia 51:68; tetragona var.
 hybrida 51:68
 Knoxia purpurea 61:167
 Kobresia bellardii 70:104; elachycarpa
 74:329; myosuroides 70:103-104;
 simpliciuscula 67:381; 71:504; 74:
 329
 Kochia scoparia 60:300, 305; siever-
 siana 60:300, 305
 Koeleria 58:93; 68:99, 242; ciliata 58:
 96; cristata 58:94-95; 62:200; 68:
 242, 441; gerardi 58:95; gerrardi
 58:95; gracilis 58:94; subsp. boli-
 viensis 68:242; macrantha 58:94;
 68:441; nitida 58:94; pectinata 58:
 95; phleoides 58:94-95; pseudocris-
 tata var. andicola 68:242; pubescens
 58:96; pyramidata 58:94; splendens
 58:95; tuberosa 58:93, 95; valesiaca
 58:95; vallesiana 58:94-95; villosa
 58:96
 Koellia flexuosa 66:379; hyssopifolia
 66:380
 Koenigia islandica 55:219
 Kornmanniana leptoderma 73:275;
 74:479-481
 Kostelezkyia virginica 57:278, 286;
 var. altheaefolia 69:452; var. al-
 theaefolia 57:286; 69:452
 Krameria grayi 60:102-103, 105 (fig.
 4); lanceolata 60:102-103, 105 (figs.
 1-2); 64:151; ramosissima 60:102-
 103, 105 (fig. 3)
 Krameriaceae 64:148, 151
 Kraunhia 51:222
 Krigia biflora 73:497; dandelion 61:78;
 oppositifolia 65:273
 Krugiodendron 69:423; ferreum 69:
 423
 Kuhnia 72:38; chlorolepis 65:226, 231
 (fig. 2), 233; eupatorioides 57:321;
 72:39; var. angustifolia 66:160; var.
 corymbosa 66:160; var. eupatori-
 oides 66:160; var. floridana 72:39;
 var. gracilis 72:39; var. ozarkana
 66:160; var. pyramidalis 66:160;
 72:39; mosieri 72:38-39; paniculata
 72:39; pinnata 64:90
 Kylinia 75:531, 535, 566; alariae 71:
 132; 72:117, 200, 205, 237; 75:541,
 608; australis 75:564; catenulata
 75:86, 557; collopoda 74:85, 91, 93,
 96; 75:86, 557; compacta 71:132;
 74:85, 89, 93, 96; 75:86, 557, 608;
 crassipes 75:87, 558; cytophaga 75:
 592; dufourii 75:84; hallandica 71:
 132; 75:84, 608; humile 75:569; in-
 festans 75:91; microscopica 75:86,
 557; moniliformis 71:132; 74:85, 93,
 96; 75:87, 558, 608; rhipidandra 75:
 541; sargassi 75:84; scapae 74:92-
 93; secundata 71:132; 72:117, 237,
 323, 334; 74:268, 473; 75:94, 575,
 608; sp. 72:232; unifila 75:564, 608;
 virgatula 71:132; 72:201, 206, 237;
 75:94, 96, 576, 608; f. luxurians 72:
 206, 237; 75:576
 Kyllinga 51:22; brevifolia 51:20, 22,
 119; 67:320; odorata 67:320; peru-
 viana 67:320; pumila 51:22; 67:
 320; pungens 67:320
 Kyrstenia incarnata 73:567
 Labatia 53:232
 Labiatae 51:208; 52:297; 55:188; 63:
 211; 64:147, 153; 67:350; 69:395,
 439; 71:514; 75:320, 421
 Lablab niger 69:374
 Laboulbenia 53:100
 Laccaria trullisata 64:130 (pl. 1269),
 131
 Lachnanches caroliniana 71:32; 75:
 382, 385; tinctoria 53:82, 87; 64:89
 Lachnocaulon anceps 57:284; 71:31;
 digynum 75:383; engleri 75:383;
 glabrum 66:379; minus 71:31; 75:
 369, 384
 Laciniaria chapmanii 75:404
 Lactuca 69:449; 70:40; biennis 55:201;
 58:247; 72:528; canadensis var.
 canadensis 72:528; var. latifolia 60:
 68; 72:528; var. longifolia 60:68;
 72:528; floridana var. floridana 55:
 225; hirsuta 54:259; var. sanguinea
 54:259; integrifolia 57:291; 70:40;
 intybacea 67:354; ludoviciana 55:
 46, 201; 70:431; muralis 68:138;
 oblongifolia 57:291; 70:40; pulchella
 57:291; 64: 270; 70:40; saligna 63:
 147; 75:410; f. ruppiana 63:148;
 sativa 69:449; scariola var. inte-
 grata 51:112
 Laelia sect. Cyrtolaelia; anceps 74:283
 Laeliopsis domingensis var. alba 62:
 236

- Laestadia castanicola* 62:195-196; *orientalis* 62:195-196; *rubescens* 62:194, 196
Laetia procera 67:341
Lafoensia pacari 71:548, 550
Lagarosiphon major 67:168
Lagascea mollis 67:355
Lagenaria 69:447; *siceraria* 67:354; 69:447; *vulgaris* 73:379
Lagenocarpus guianensis 67:322; *portoricensis* 67:322
Lagenophora 67:36; *andina* 67:40-41; *cuchumatana* 67:36, 38, 39 (pl. 1309), 40-41; *mauiensis* 67:40; *panamensis* 67:40
Lagerstroemia 69:429; *indica* 69:429; *speciosa* 67:342
Lagotis glauca 65:220; var. *stelleri* 65:220-221; *hultenii* 53:228; *minor* 65:221
Laguncularia 69:430; 75:105; *racemosa* 57:276, 279, 287; 69:430; 75:103
Lagynion ampullaceum 63:280; sp. 63:280
Lamiaceae 67:350; 71:33
Laminaria 54:288; 66:221 (pl. 1299), 222 (pl. 1300); 72:320, 322, 326; *agardhii* 54:289; 66:220, 231-232; 71:129, 153; 72:321; 73:281; 74:267; *agarum* 54:276; *digitata* 66:220, 232; 71:128-129; 72:117, 321, 337; 74:127, 128 (figs. 1-3), 129-130, 268, 411, 419; 75:58; *groenlandica* 71:129, 153; *intermedia* 74:268; *longicuris* 66:220, 232; 71:154; 72:117, 321, 337; 74:268; *nigripes* 71:129; *platymeris* 74:268; *saccharina* 71:129; 72:117, 321, 337; 73:278, 281; 74:129, 411, 419, 421, 480, 483 (fig. 1); 75:59; *sinclairii* 74:127; *stenophylla* 74:268
Laminariaceae 71:128; 74:267
Laminariales 71:127; 73:281
Laminariocolax tomentosoides 71:154
Lamium amplexicaule 63:289; f. *albiflorum* 74:386; *maculatum* f. *lacteum* 71:172
Lamprothyrus 68:103, 245; *hieronymi* 68:245; var. *tinctus* 68:245
Languas speciosa 67:324
Lantana 69:439; 72:33; *aculeata* 67:349; *arida* 67:349; 69:439; *balsamifera* 66:6; 73:50; *camara* 57:288; 69:439; 72:34; f. *parvifolia* 67:349; var. *aculeata* 67:349; var. *mista* 67:349; var. *mutabilis* 67:349; var. *sanguinea* 67:349; *depressa* 72:34; *fucata* var. *antillana* 67:349; *insularis* 67:349; *involucrata* 57:279, 288; 69:439; var. *odorata* 67:349; *montevidensis* 67:349; *ovatifolia* 57:279, 288; 72:33, 35; var. *ovatifolia* 72:34; var. *reclinata* 72:34; *reticulata* 67:349; 69:439; *strigosa* 67:349
Lapathum alpestris 59:5
Laphamia cernua 71:76; *cinerea* 71:90; *quinquefolia* 71:78; *rupestris* 71:58, 74, 81, 83
Lapithea 57:96-97; *boykinii* 57:97; *capitata* 57:9; *gentianoides* 51:140; 57:100
Laplacea portoricensis 67:340
Laportea canadensis 53:3; 58:82; 60:297, 302
Lappula echinata 51:111; 55:187; 58:247; *redowskii* var. *cupulata* 63:44; var. *occidentalis* 54:210; 63:44
Lapsana communis 56:251; 60:28; 72:528
Larbrea uliginosa aa. *ovalifolia* 52:250; b. *alpina* 52:251
Lardizabalaceae 62:111
Larix laricina 52:277; 55:42-43, 47, 101; 57:113; 63:284; 65:88, 156; 67:195; 70:206-207, 212; 72:418, 509; 75:314
Larrea 56: (pl. 1199); 75:341, 355, 359; *tridentata* 60:5; 73:185
Lasiacis 68:107, 332; *ligulata* 68:332; *maculata* 69:372; *patentiflora* 67:318; *sorghoidea* 68:332; 69:372
Lasianthus lanceolatus 67:353; *moralessii* 67:353
Lasiosphaeria chrysentera 68:185; *ovina* 68:185
Lasthenia 66:67
Lathyrus 55:355; *aphaca* 74:155; *hirsutus* 59:30; *japonicus* 54:203; 71:19-20, 26, 516, 522; 75:319; var. *glaber* 55:52, 170; 63:288; 67:89; 72:520; f. *spectabilis* 55:170; var. *pellitus* 65:92; 66:62; 72:520; *latifolius* 65:75; *maritimus* 54:203; 72:372; *myrtifolius* 51:136; 70:40; *ochroleucus* 55:45, 170; *odoratus* 64:338; 69:415; *paluster* var. *myrtifolium* 51:136; *palustris* 51:136; 64:343; 71:522; var. *genuinus* 51:136; var. *linearifolius* 65:92; 66:149; var. *myrtifolius* 51:136; var. *pilosus* 65:92; 66:149; 72:520; *venosus* 67:394, 395 (fig. 4, map); var. *intonsus* 55:170
Laugeria resinosa 67:353
Lauraceae 52:294; 62:111; 67:330; 69:406; 71:32
Laurentia longiflora 67:354
Laurocerasus myrtifolia 67:331; *occidentalis* 67:331
Laurus benzoin 51:159; *diospyroides* 51:153; *diospyros* 56:256; *diospyrus*

- 51:153; *geniculata* 51:153-154; *melissaefolia* 51:153
Lavatera assurgentiflora 59:184; *cretica* 74:392
Leandra rhodopogon 65:19
Leathesia difformis 66:232; 71:125; 72:117, 321, 337; 74:419; 75:269
Leavenworthia 69:383; *aurea* 54:182; 58:73-75, 201, (pl. 1223); *exigua* 58:74-75, (pl. 1223); *stylosa* 54:182; 58:73-75; *torulosa* 54:182; *uniflora* 54:182
Lebetina 64:4, 9-10
Lebretonia paniculata 67:340
Lecanora chlarotera 74:478; *elegans* 54:277
Lecanoraceae 56:108
Lechea 68:192; 69:186; sect. *Lechidium* 63:105; *brevifolia* 68:205; *cernua* 63:106, 108 (fig. 10), 114 (map 10), 117; 68:203; *cinerea* 68:194; *corymbosa* 68:200; *deckertii* 63:107, 108 (fig. 6), 110, 111 (map 6), 113; 68:203; *divaricata* 63:105, 108 (fig. 2), 110, 111 (map 2); 68:203; *exserta* 63:113; *floridana* 68:203-204; *furfuracea* 68:195; *glomerata* 68:200; *heterophylla* 68:199-200; var. *major* 68:200; var. *minor* 68:200; var. *parviflora* 68:200; *intermedia* 68:193, 195, 198; var. *intermedia* 72:522; var. *juniperina* 72:522; var. *laurentiana* 51:10; *juncifolia* 68:196-197; *laxiflora* 68:195-197; var. *brevifolia* 68:196; *leggettii* 63:103, 107, 108 (fig. 8), 114 (map 8), 115; 68:193-195, 197-198, 201, 203, 207; var. *ramosissima* 63:115; *linifolia* 68:208; *major* 63:112; 67:64, 255, 258, 269, 272; 68:197; *maritima* 53:2; 63:112, 116; 68:193, 198, 205; 71:19, 26; 73:495; var. *subcylindrica* 53:2; *mexicana* 68:208; *minor* 63:106, 108 (fig. 4), 111 (map 4), 112; 68:194, 198-207; *mucronata* 68:197-198, 200-204; var. *ramosa* 68:199; var. *sessiliflora* 68:199; var. *simplex* 68:199; var. *typica* 68:199; *myriophylla* 63:113-114; *patula* 52:265; 63:106, 108 (fig. 5), 110, 111 (map 5), 113; 68:194, 203-204, 207; *pauciflora* 68:205; *paucifolia* 68:208; *prismatica* 63:113; *pulchella* 68:193-194, 196-197, 203; *racemulosa* 63:104, 106-107, 108 (fig. 7), 109, 114 (map 7); 68:193, 195, 197-198, 201-204; *recurvata* 68:197; *revoluta* 68:202; *san-sabeana* 63:104, 117; *secundiflora* 68:204; *sessiliflora* 68:207-208; *stellata* 68:206-207; *stricta* 68:195; *surculosa* 68:201-202; *tenuifolia* 63:104, 106, 108 (fig. 3), 110, 111 (map 3); 68:196-200, 202-205; 74:293; var. *occidentalis* 63:110; var. *tenuifolia* 63:110; *ternifolia* 68:194-195; *thymifolia* 68:194, 205-206; *torreyi* 63:103, 107, 108 (fig. 9), 114 (map 9), 116; 68:94, 203, 207; var. *congesta* 63:116; var. *torreyi* 63:116; *tripetala* 63:103, 105; 67:312; *uniflora* 68:206; *verna* 68:196-197; *villosa* 54:174; 63:104-105, 107, 108 (fig. 1), 109-110, 111 (map 1), 112, 115; 68:197-200, 202-204, 207; 73:495; 74:293; var. *macrotheca* 63:107; 68:199; var. *schaffneri* 63:107; 68:199; var. *typica* 63:107; var. *villosa* 63:107, 109; *virgata* 68:202-203; var. *bracteata* 68:203; var. *breviflora* 68:203
Lechidium 63:104
Lecidea 56:109, 113; sect. *Biatora* 56:113; sect. *Psora* 56:106, 109, 112; sect. *Tonniopsis* 56:109; subgen. *Psora* 56:106; *acervulata* 56:139; *alboradicata* 56:112; *atrorufa* var. *squarrosa* 56:142; *bumamma* 56:139, 141; *caulescens* 56:142, 144; *columnatula* 56:114; *conglomerata* 56:137; *fujikawae* 56:109; *glomerans* 56:112; *rubiformis* 56:112; *ruginosa* 56:144; *squalida* 56:141; var. *caulescens* 56:142; *styloumena* 56:139-141; *subglobosa* 56:121, 123; *thalloedaemiformis* 56:109
Lecideaceae 56:105-106, 108-110, 113, 137, 151
Lecideales 56:108, 113
Lecocarpus 72:106-109
Lecticula resupinata 75:403
Lecythidaceae 69:432
Ledum groenlandicum 53:50; 55:12, 44, 47, 51, 181; 58:23; 62:276; 65:93, 286; 68:189; 72:523; 74:529; 75:320; *latifolium* 55:12-13, 295; *palustre* 62:261; subsp. *decumbens* 55:251; 65:220
Leersia 68:104, 289; *hexandra* 51:127; 67:319; *lenticularis* 51:126; 63:137; *monandra* 67:319; *oryzoides* 51:119; 53:20; 54:254; 64:284; 72:511; *virginica* 63:137
Leguminosae 51:203, 206; 52:253, 295; 55:169; 59:116, 243; 69:48, 395, 408, 410-411; 70:492-496; 71:515, 550; 73:48-50; 75:132, 137, 318, 416; subfam. *Caesalpinoideae* 59:243; 60:101-103; 67:332; 68:429; 70:493, 495-496; trib. *Cassieae* 60:102, 104; trib. *Krameriae* 60:101; subfam. *Faboideae* 70:492-493, 495-497; trib. *Dalbergieae* 70:497; trib. *Galegeae* 70:498; trib. *Genisteae* 70:497;

- trib. Hedysareae 68:360; 70:497;
trib. Loteae 70:497-498; trib. Phaseoleae 70:498; trib. Podalyrieae 70:492, 497, 530; trib. Sophoreae 70:492, 497-498; trib. Trifolieae 70:497-498; trib. Vicieae 70:497; subfam. Lotoideae 70:495, 497; subfam. Mimosoideae 56:132; 59:243; 67:331; 70:493, 495-496; subfam. Papilionatae 59:243; 70:497; subfam. Papilionoideae 67:333; 70:495, 497; trib. Galegeae 51:193, 204, 222; subtrib. Craccanae 51:222; subtrib. Millettianae 51:222; subtrib. Tephrosieae 51:222; subtrib. Tephrosiinae 51:219, 222; trib. Lespedezeae 68:360; trib. Phaseolae 51:381
- Leiophyllum* 70:290; *buxifolium* 70:290-291; 73:111; var. *hugeri* 54:176; 70:291; var. *prostratum* 70:290
- Leiosphaerella* *falcata* 68:186, 187 (figs. 1-4); *phoenicis* 68:186; *praecleara* 68:186
- Lejeunea* *bullata* 59:257; *flava* 59:257; *lamacenna* var. *geminata* 59:258
- Lejeuneaceae 53:121
- Lelya* 63:217
- Lemanea* *fucina* 72:207
- Lembophyllaceae 62:147, 161
- Lemna* *minor* 52:260; 53:80, 85, 272; 54:135; 55:136; 59:265; 64:84; 67:195; 70:171, 491; 71:168; 72:9-10; 73:297; *oligorhiza* 64:83; *perpusilla* 53:80, 86-87; 54:306; 72:10; *trisulca* 53:80, 88, 267; 61:276, 281; 70:171; 72:513; *valdiviana* 53:80, 87; 63:20; 72:10
- Lemnaceae 53:80; 55:136
- Lentibulariaceae 55:191; 62:238; 64:147, 154; 67:351; 71:33
- Lentinus* *haematopus* 64:131
- Leonotis* 69:440; *nepetaefolia* 51:141; 69:440
- Leontodon* *autumnalis* 60:66; 64:346; 65:95; 71:523; var. *autumnalis* 61:79; 72:528; var. *pratensis* 61:79; 69:34; 72:528; 75:321; *leysseri* 60:28; *palustre* 54:50, 283
- Leonurus* 69:440; *cardiaca* 72:283, 524; *marrubiastrum* 74:156, 386; *sibiricus* 69:440; 72:283, 393
- Leotia* *batailleana* 56:108
- Lepachys* 70:350, 354; *columnaris* 70:350, 369; var. *pulcherrima* 70:350, 376; var. *tagetes* 70:383; *columnifera* 70:369; var. *pulcherrima* 70:376; *mexicana* 70:350, 355; *peduncularis* 70:350, 364; var. *picta* 70:350, 366; *pinnata* 70:350, 357; *pinnatifida* 70:357; *tagetes* 70:350, 383
- Lepanthes* 61:1; *acuminata* 61:2-3; *ancylopetala* 61:3-4; *avis* 61:2-3, 5-6, 14-15; *brenesii* 60:100; *cascajalensis* 61:10; *cochleariformis* 60:98; *congesta* 61:3, 5-6; *dawsonii* 61:17; *disticha* 61:3, 6, 13 (pl. 1236), 17; *ekmanii* 59:248; *fractiflexa* 61:14; *guatemalensis* 61:19; *hondurensis* 61:10; *inaequiloba* 61:5, 7-8; *leonii* 59:250; *lindleyana* 61:15; *lindmaniana* 59:248; *longicruris* 59:248; *moorei* 61:2-3, 6; *nigriscapa* 61:3, 5, 8, 9 (pl. 1235), 10-12; *oestlundiana* 61:3, 9 (pl. 1235), 10-12; *oreocharis* 61:2-4, 12; *orizabensis* 61:3, 12, 13 (pl. 1236), 14; *papillipetala* 61:3, 14-16; *parvula* 61:3, 15; *pergracilis* 59:250; *pristidis* 61:2-3, 17; *rekoii* 61:1, 3, 13 (pl. 1236), 15, 17-18; *schiedei* 61:3, 14, 16, 18, 20; *scopula* 61:11; *stenophylla* 61:4; *tenuiloba* 61:3, 13 (pl. 1236), 18-20; *tridentata* 61:2; *turalvae* 60:97-100; 61:2
- Lepanthopsis* *melanantha* 58:291; *microlepanthes* 59:247 (fig.), 250
- Lepidagathis* *alopeuroidea* 67:352
- Lepidium* 69:407; *austrinum* 56:160; *calycinum* 54:98; *campestre* 54:164; 63:49, 54; 69:463; 72:518; *densiflorum* 55:154; 63:49, 54, 146; 72:518; *filicaule* 75:416; *iberis* 62:19; *latifolium* 62:19; 63:49, 55; *perfoliatum* 59:289; 63:49, 55; *pinnatisectum* 69:373; *ruderales* 51:8; 62:19; 63:49, 54; *sativum* 63:49, 54; *sisymbroides* 65:45; *sordidum* 62:14, 19; *virginicum* 57:285; 62:14, 19; 63:49, 51, 177; 69:407; 71:25; 75:416
- Lepidozia* *reptans* 53:120; 58:248
- Lepidoziaceae 53:120
- Lepraria* *nigra* 61:101
- Leptilon* *bonariense* 67:355; 69:448; 75:406; *chinense* 67:355; *linifolium* 67:355; *pusillum* 67:355; 69:448; 73:49
- Leptobotrys* 69:297; *discolor* 69:287, 300
- Leptobryum* *pyriforme* 62:157
- Leptocarpha* 59:248
- Leptocereus* *grantianus* 69:375
- Leptochilus* *alienus* 67:358; *cladorhizans* 67:358; *guianensis* 67:358; *nicotianaefolius* 67:358; *pergamentaceus* 67:358
- Leptochloa* 66:165; 68:101, 280; *attenuata* 63:26; *domingensis* 68:280-281; *dubia* 56:179, 210; 57:283; 68:280-281; *fascicularis* 63:134; 67:319; 75:370; *filiformis* 63:26; 67:319; var. *attenuata* 63:26; var. *filiformis* 63:26; *panicea* 67:319; *panicoides* 66:165; *uninervia* 56:30, 158; 68:

- 280, 519; 75:370; *virgata* 68:280-281
- Leptocinclis acuta* 69:56
- Leptocolea cardiocarpa* 59:257
- Leptocoryphium* 68:105, 292; *lanatum* 68:292
- Leptodactylon caespitosum* 51:24; *pungens* 60:270
- Leptodictyum riparium* 53:125; 58:249; 62:164; *sipho* 62:170; *trichopodium* 53:126; var. *kochii* 62:164
- Leptodon trichomitron* 53:126; 62:160
- Leptoglottis nuttallii* 59:116-117
- Leptolobium* 70:499; *dasycarpa* 70:499
- Leptoloma cognatum* 58:318; 59:233; 63:135; 68:156
- Leptonema fasciculatum* 71:154
- Leptophora* 59:148
- Leptophytum laeve* 71:133
- Leptopoda* 59:148; *brachypoda* 59:103, 210; *brevifolia* 59:205; *decurrens* 59:103, 168-169, 171-173, 205; *denticulata* 59:168-169, 172-173; *fimbriata* 59:149, 153-154, 173-178, 203-204; *floridana* 59:168; *helenioides* 59:168; *helenium* 59:101-104, 148, 168-169, 171-173; 66:381; *incisa* 59:149, 158; *pinnatifida* 59:149, 154, 156; *puberula* 59:102-103, 149, 154, 156, 171-172; var. *pinnatifida* 59:149
- Leptorachis* 69:242
- Leptosira mediana* 58:117, 120; 64:55
- Leptosphaeria* 71:198; *asparagi* 62:195 (fig. 6), 197; *comatella* 62:197-198; *eutypoides* 64:136; *macrospora* 71:196 (fig. 9), 197; *senecionis* 71:197
- Leptothrix* 64:58
- Lepuropetalon spathulatum* 71:217
- Lescurea patens* 62:161; *saviana* 72:500
- Leskea arenicola* 53:126; *gracilescens* 53:126; 62:161; *nervosa* 62:161; *obscura* 53:126; 62:161; *polycarpa* 62:161
- Leskeaceae* 53:126; 62:147, 161
- Leskeella nervosa* 62:161
- Lespedeza* 55:355; 68:359; *acuticarpa* 68:403; *angustifolia* 68:363, 367, 369-370, 372, 375 (fig. 2, map), 383, 393-395, 399; f. *subvelutina* 68:368-369; var. *brevifolia* 68:368-369; ×*capitata* 68:396, 400 (fig. 15, map); ×*hirta* 68:364, 377, 396, 398-399, 401 (fig. 16, map); ×*repens* 68:396, 400 (fig. 15, map); ×*stuevei* 68:396, 400 (fig. 15, map); ×*virginica* 68:396; *bicknellii* 68:371; *bicolor* 68:359; *brittonii* 68:402; *capitata* 58:274; 68:362-363, 367, 370, 372-374, 375 (fig. 3, map), 379, 382, 393-394, 398-399; 71:32; var. *angustifolia* 68:368; var. *calycina* 68:376, 399; var. *capitata* 68:373; var. *hirtiformis* 68:398-399; var. *longifolia* 58:274; 68:399; var. *sericea* 68:371, 373; var. *stenophylla* 68:371, 373-374; f. *argentea* 68:371, 374; var. *typica* 68:371, 373; var. *velutina* 68:371, 373; var. *vulgaris* 68:371, 374; ×*hirta* 68:396, 398-399, 401 (fig. 16, map); ×*intermedia* 68:396-397, 400 (fig. 15, map); ×*leptostachya* 68:396, 401 (fig. 16, map); ×*repens* 68:396, 401 (fig. 17, map); ×*stuevei* 68:396, 400 (fig. 15, map); ×*violacea* 68:396, 399, 400 (fig. 14, map); ×*virginica* 68:396-397, 399, 401 (fig. 16, map); *cuneata* 68:359; *cytisoides* 64:60; *divergens* 68:390, 393; *frutescens* 68:371, 380-381, 392-393; var. *acutifruca* 68:380-381; *hirta* 58:274; 68:363, 367-368, 372, 374, 377-379, 399; 73:493, 508, 510-511, 513; subsp. *curtissii* 68:375 (fig. 5, map), 376-379, 398; subsp. *hirta* 68:375 (fig. 4, map), 376-378; var. *angustifolia* 68:368; var. *appressipilis* 68:377, 398; var. *calycina* 68:376, 379; var. *dissimulans* 68:398-399; var. *intercursa* 68:368, 370; var. *longifolia* 68:398; var. *oblongifolia* 68:398; var. *sparsiflora* 68:376-377; var. *typica* 68:376; ×*intermedia* 68:396-397, 399, 400 (fig. 14, map), 402; ×*procumbens* 68:396, 401 (fig. 16, map); ×*repens* 68:396, 403 (fig. 18, map); ×*stuevei* 68:396-397, 401 (fig. 17, map); ×*violacea* 68:377, 396, 400 (fig. 15, map); ×*virginica* 68:396-397, 403 (fig. 18, map); *intermedia* 68:361 (figs. 1a-1b), 363, 368, 375 (fig. 6, map), 380-381, 388, 392-393, 397, 402; f. *hahnii* 68:402; var. *hahnii* 68:401; ×*procumbens* 68:396, 401 (fig. 17, map); ×*repens* 68:396, 400 (fig. 15, map); ×*stuevei* 68:396, 403 (fig. 18, map); ×*violacea* 68:396, 400 (fig. 14, map); ×*virginica* 68:396, 400 (fig. 14, map); *leptostachya* 57:268; 68:367, 370, 375 (fig. 7, map), 382-383, 395; *longifolia* 58:274; 68:398-399; *manniana* 68:399; *neglecta* 68:402-403; *nuttallii* 68:399; var. *manniana* 68:399; var. *nuttalli* 68:402; ×*nuttallii* 68:397; *oblongifolia* 68:398; *polystachya* 68:376; *prairea* 68:390, 393; *procumbens* 68:363-364, 367, 383, 384 (fig. 8, map), 385, 390, 392; var. *elliptica* 68:402; ×*repens*

- 68:396, 400 (fig. 15, map); *×stuevei* 68:364, 396, 403 (fig. 18, map); *×violacea* 68:396, 400 (fig. 15, map); *×virginica* 68:396, 401 (fig. 17, map), 402; *prostrata* 68:385; *repens* 68:361 (fig. 1e), 367, 384 (fig. 9, map), 385-387, 390, 392-393; *×stuevei* 68:396, 401 (fig. 17, map); *×violacea* 68:396, 401 (fig. 17, map); *×virginica* 68:396, 403 (fig. 18, map); *reticulata* 68:380, 393; var. *angustifolia* 68:393; var. *sessiliflora* 68:380; *sessiliflora* 68:380, 393; *simulata* 68:397, 399; *stipulacea* 68:359; *striata* 68:359; 73:111, 493; *stuevei* 68:363, 368, 371, 384 (fig. 10, map), 387-388, 395, 402; f. *angustifolia* 68:402-403; var. *angustifolia* 68:402-403; var. *intermedia* 68:380; var. *neglecta* 68:402; *×violacea* 68:396, 401 (fig. 17, map); *×virginica* 68:396, 402, 403 (fig. 18, map); *texana* 68:367, 389-390, 391 (fig. 11, map), 395; *thunbergii* 54:255; *velutina* 68:371, 373; *violacea* 68:361 (figs. 1c-1d), 362-363, 368, 381, 387, 390, 391 (fig. 12, map), 392-393; var. *angustifolia* 68:393-394; var. *divergens* 68:390; var. *prairea* 68:390; var. *reticulata* 68:393; var. *sessiliflora* 68:380; *×virginica* 68:396, 400 (fig. 15, map), 403; *virgata* 68:401; *virginica* 68:363, 368, 381, 388, 391 (fig. 13, map), 393-395; 74:292; f. *deamii* 68:402-403; var. *deamii* 68:395; var. *sessiliflora* 68:380; var. *typica* 68:394
- Lespedezia* 68:365
- Lesquerella* 57:241; 75:622-623; var. *angustifolia* 58:199-202; *arctica* 54:184, 216; *argentea* 62:14-15; *argyraea* 62:14; *auriculata* 54:184, 189, 191; 57:241-243, 253-255, 260-262, 264; *condensata* 54:184; *densipila* 54:184-186, 189, 191; 57:241-243, 249-251, 254, 256, 258, 260, (pl. 1208); var. *densipila* 54:185-186, 188 (fig. 1), 189; var. *maxima* 54:185, 189; 57:251-252, 256; *filiformis* 58:201-202; *globosa* 54:183-185, 191; *gordonii* 74:381; *gracilis* 57:242; 58:199-200, 202; *grandiflora* 54:184; 57:241-243, 254, 261-264, (pl. 1212); *intermedia* 74:83; subsp. *lasiocarpa* 74:77; var. *hispida* 74:79; *lasiocarpa* 57:241, 243, 245-247; 61:253-254; 74:77, 79; subsp. *berlandieri* 74:78-79; var. *heterochroma* 74:78; var. *hispida* 74:78; subsp. *lasiocarpa* 74:77; var. *ampla* 57:244-246; 74:78; var. *berlandieri* 57:244-246; 61:253; 74:78-79; var. *heterochroma* 57:244-246; 74:78; var. *lasiocarpa* 57:244, 246; *lescurei* 54:183-186; 57:241, 243, 247-251, (pl. 1207); *longifolia* 58:199-201; *lyrata* 57:242-243, 252, 254, (pl. 1209); *occidentalis* 54:184; *ovalifolia* 56:208; *perforata* 54:184-185, 187, 189-191; 57:241, 243, 248-249, 257 (figs. A-G), 258-260, (pl. 1211); *purpurea* 64:150, 155 (fig. 13); *schaffneri* 61:261; *stonensis* 57:243, 251, 255-256, 258, (pl. 1210); *utahensis* 54:184
- Lessingia* 62:62
- Leucaena* 69:409; *glaucua* 67:332; 69:409; *leucocephala* 67:332; 69:409
- Leucampyx* 70:482; *newberryi* 58:210
- Leucantha cyanus* 74:344
- Leucas* 69:440; *martinicensis* 69:440
- Leucelene ericoides* 65:228, 231 (fig. 15), 236, 239
- Leucobryaceae* 53:123; 62:147, 154
- Leucobryum albidum* 53:123; 62:154; *glaucum* 53:123; 59:254; 62:154
- Leucocrinum montanum* 63:330
- Leucodermis* 53:232
- Leucodon brachypus* 62:160; *julaceus* 53:127; 59:258; 62:160; *sciuroides* 62:160
- Leucodontaceae* 53:126; 62:147, 160
- Leucojum aestivum* 53:82, 88
- Leucolejeunea clypeata* 53:121; 59:256; *conchifolia* 53:119, 121; *unciloba* 53:121; 59:256-257
- Leucophyllum laevigatum* 74:347-348; var. *coahuilense* 74:347-349; var. *laevigatum* 74:349
- Leucophysalis* 51:82; 75:330-334, 336 (fig. 1); *grandiflora* 51:82; 75:332, 364; *heterophylla* 75:364; *nana* 75:364
- Leucopsis* 70:232
- Leucorchis albida* 59:292; subsp. *eualbida* 52:249; subsp. *straminea* 52:249; *straminea* 52:249; 59:292
- Leucospora multifida* 51:149
- Leymus* 70:467, 470
- Liagorophila* 75:531; *endophytica* 75:574
- Liatris* 51:34; 55:353; 59:23; 70:474, 478-479, 482; *acidota* 64:158; *aspera* 61:77; 71:34; f. *benkii* 51:104; *bellidifolia* 70:474; *borealis* 59:264; 61:77; f. *albiflora* 51:104; *chapmanii* 75:404; *corymbosa* 70:431, 474; *cylindracea* 57:322; 59:23; f. *bartelii* 59:23; *dubia* 51:104; *elegans* 71:34; *fruticosa* 66:19; *gracilis* 71:34; *graminifolia* 51:35; 64:89; 70:40; var. *dubia* 51:35, 104; var. *racemosa* 51:35, 104; var. *smallii* 51:

- 143; var. *virgata* 51:104; *ligulistylis* 55:362; *novae-angliae* f. *albiflora* 51:104; *odoratissima* 56:256; 60:117-118; 70:474; *paniculata* 56:256; 60:118; 70:40, 474; *pedunculata* 56:256; *puberula* 56:256; *punctata* 61:77; 74:103; f. *alba* 56:162; var. *coloradensis* 52:175; var. *mexicana* 74:104; var. *nebraskana* 74:104; var. *punctata* 74:104; var. *typica* 52:175; 74:104; f. *coloradensis* 52:175; *pycnostachya* f. *alba* 52:40; *scabra* 57:318; *scariosa* 61:77; f. *benkii* 51:104; *speciosa* 56:256; *spicata* 56:256; γ *racemosa* 51:35; var. *resinosa* 71:34; *squarrosa* f. *alba* 59:182; var. *hirsuta* 52:40; *tomentosa* 70:474; *umbellata* 66:396; *virgata* 51:104
- Libertia laurencei* 52:224
- Libidibia coriaria* 67:333
- Licaria* 69:406; *brittoniana* 67:330; *salicifolia* 67:330; 69:406; *triandra* 67:330
- Lichen radicans* 56:111; *subulatus* 52:113
- Limnophora gracilis* 64:55; *paradoxa* 64:55
- Ligusticum mutellinoides* 71:506; subsp. *alpinum* 55:251; *scoticum* 64:346; 65:93; 71:514, 522; 72:522; 75:319
- Ligustrum amurense* 72:524; *ovalifolium* 57:287
- Lilaeopsis chinensis* 63:252; *carolinensis* 52:265; *chinensis* 52:175; 63:252
- Liliaceae* 52:293; 53:80; 55:137; 63:211; 64:148; 67:324; 68:456; 70:55; 71:32, 514, 562; 73:50; 75:316, 414; trib. *Smilacaceae* 70:55
- Liliidae* 70:426
- Lilium andinum* 57:291; 58:286; 70:39; *canadense* 51:304; 53:9, 81, 85; 58:14-16, 19-20; f. *canadense* 58:16-17; f. *flavum* 58:17, 19; f. *michiganense* 58:16, 19; f. *peramoenum* 58:16; f. *rubrum* 53:81; 58:16-17; f. *uniflorum* 58:16; subsp. *canadense* 58:16; subsp. *editorum* 58:17; subsp. *michiganense* 58:16-17; f. *peramoenum* 58:16, 18; f. *uniflorum* 58:18; subsp. *superbum* 58:16, 19; var. *canadense* 58:16-17; var. *editorum* 58:16-17; var. *flavum* 58:17, 19; var. *luteum* 58:17; var. *rubrum* 58:17, 19; *carolinense* 56:256; *carolinianum* 58:19; *catesbaei* 58:19-20; 70:39; 71:32; var. *longii* 51:131; *coccineum* 58:17; *longiflorum* 63:274; *martagon* 61:112 (pl. 1240); *michauxii* 58:19; *michiganense* 58:14-17, 19; 71:563; f. *peramoenum* 58:18; f. *umbelliferum* 58:17; f. *uniflorum* 58:18; var. *umbelliferum* 58:17; *pardalinum* var. *bourgaei* 58:17-18; *penduliflorum* 58:16; *pendulum* 58:16; *peramoenum* 58:18; *philadelphicum* 51:10; 53:81, 85; 57:113; 58:19-20; 70:39; f. *flaviflorum* 53:81; var. *andinum* 55:138; 70:39; *superbum* 53:81, 87; 58:14-15, 19; 63:307; 71:563; f. *plenum* 63:307; var. *carolinianum* 58:19; *tigrinum* 53:81, 88; *umbellatum* 70:39
- Limnobiium spongia* 69:372; *stoloniferum* 67:317
- Limnoscium pinnatum* 64:282
- Limonium* 72:24; *angustatum* 72:25; *carolinianum* 71:27; 72:24; 75:53, 56; var. *angustatum* 72:24; var. *carolinianum* 72:24-25; var. *nashii* 72:25; var. *obtusilobum* 72:25; *leptostachyum* 58:45; *limbatum* 52:20, 36; var. *glabrescens* 68:425; var. *limbatum* 68:425; *nashii* 67:89; 70:443; 72:24-25, 523; 75:320; var. *angustatum* 72:25; var. *trichogonum* 72:25; *obtusilobum* 72:24-25; *trichogonum* 72:24-25
- Limosella africana* 66:127; *subulata* 53:20; 61:287
- Linaceae* 71:32
- Linaria canadensis* 51:10; 52:297; 53:270; 60:68, 206; 63:45; 66:379; 71:27; 72:525; *dalmatica* 53:270; 63:45; 74:156; *minor* 51:118; 52:59; *repens* 53:270; *vulgaris* 52:297; 55:189; 71:27; 72:525
- Lindera* 51:154, 160, 162; *benzoin* 51:153-154, 156-162, (pl. 1151); 60:206; 62:111, 114; 63:66; 66:312; f. *xanthocarpa* 62:111; var. *pubescens* 51:155, 159, 161-162; 52:168; var. *typica* 52:169; *melissae-folium* 51:153-162, (pl. 1151); 54:251; 57:312; 69:453; *melissifolium* 69:453
- Lindernia* 64:147; *anagallidea* 73:260; *crustacea* 67:351; 75:403; *diffusa* 67:350; *dubia* 56:250; 57:309; 64:154, 159 (fig. 44); 67:351
- Lindmania gracilis* 71:223; *graminea* 71:222; *pearcei* 71:220; *penduliflora* 71:223; *rusbyi* 71:221; *villosula* 71:222; *weberbaueri* 71:223; *weddelliana* 71:221
- Lindsaea lobata* 63:72
- Linnaea* 61:59; 75:509; *borealis* 61:62; 63:45; 71:508; var. *americana* 55:46, 193; 57:113; 62:232; 63:66; 65:23, 94, 306; 68:187-188; 72:526; 75:321; var. *borealis* 62:232
- Linociera axilliflora* 67:345; *caribaea*

- 67:345; *domingensis* 67:345; *holdridgii* 67:345; *ligustrina* 67:345
- Linum* 65:50, 137; 75:392; *arenicola* 65:140 (fig. 8), 141, 143; *babingtonia* 73:563; *bahamense* 65:140 (fig. 8), 141, 143; 70:439-440; f. *bahamense* 70:440; f. *corallicola* 70:440; var. *bahamense* 70:439-440; var. *bracei* 65:139 (pl. 1285), 141; 70:439-440; var. *corallicola* 65:141; 70:439-441; *bracei* 70:440; *catharticum* 65:140 (fig. 8), 141; 67:196; *coahuilense* 66:278 (figs. 1-4), 279; *corallicola* 70:441; *floridanum* 65:140 (fig. 8), 144; var. *chrysocarpum* 65:141-142, 144; var. *floridanum* 65:139 (pl. 1285), 141-142; *grandiflorum* 66:56; *hudsonioides* 65:52 (figs. 5-9) (fig. 10, map), 54; 73:563; *imbricatum* 65:50-51, 52 (figs. 1-4) (fig. 10, map); 67:192; 73:563; *intercursum* 65:140 (fig. 8), 141-142, 144; *keniense* 73:563; *lepagei* 54:200; *lewisii* 54:200; 65:139 (pl. 1285), 140 (fig. 8), 142-143; 70:38; var. *saxosum* 70:39; *lignosum* 70:440; *longipes* 66:279; *medium* var. *medium* 65:140 (fig. 8), 141-142, 144; var. *texanum* 65:140 (fig. 8), 141-142, 144; *mexicanum* 66:279; *modestum* 66:406, 407 (figs. 1-4); *multicaule* 65:50-51, 53; *mycophyllum* 73:563; *perenne* 70:38; subsp. *lewisii* 70:38; var. *saxosum* 70:39; var. *americanum* 70:38; *rigidum* 65:51, 140 (fig. 8); 66:279; var. *carteri* 65:141, 143; var. *rigidum* 65:139 (pl. 1285), 141-142; *rupestre* 65:140 (fig. 8), 141, 143; 66:279; *schiedeanum* 66:406; *selaginoides* 65:53; 73:560, 561 (fig. 1), 562-563; var. *chilense* 73:563; *striatum* 65:139 (pl. 1285), 140 (fig. 8), 142, 144; 71:32; *sulcatum* 65:140 (fig. 8), 141-142; 66:279; var. *harperi* 65:142; *trisepalum* 67:278; *usitatisimum* 51:8; 65:139 (pl. 1285), 140 (fig. 8), 142-143; 72:520; *virginianum* 65:140 (fig. 8), 141-142, 144; 71:32; *westii* 65:140 (fig. 8), 141-142, 144; 75:392
- Liparis* *lilifolia* 54:134, 211; 55:156; 63:175; 69:453; *liliifolia* 53:83, 87-88; 57:131; 69:453; *loeselii* 51:12, 117; 53:5, 83-84; 54:259; 55:83, 142; 57:307; 72:515; *saundersiana* 58:291
- Lipocarpha* 67:98; *maculata* 61:291-292; 63:21; 65:81; *sellowiana* 67:98
- Lipotriche* 75:181
- Lippia* *helleri* 67:349; *micromera* var. *helleri* 67:349; *nodiflora* 57:288; 67:349; 71:33; *reptans* 67:349; *stoechadifolia* 67:349
- Liquidambar* 74:287; *formosana* 74:288, 290; *orientalis* 74:287, 290; *styraciflua* 56:84; 57:194, 319; 63:51, 53; 64:230; 66:159, 380; 71:32; 72:79; 73:205, 222, 501, 504, 506; 74:287, 288 (fig. 1), 290, 524; ×*formosana* 74:289; ×*orientalis* 74:289
- Liquiritia* 70:39-40; *lepidota* 57:291; 70:39
- Liriodendron* *tulipifera* 52:294; 54:64; 57:194; 58:39; 62:111, 114; 63:67; 66:379; 68:523; 73:248
- Listera* *auriculata* 53:7, 83, 86; 55:77, 141; 72:47; *australis* 53:83, 86; *borealis* 51:99; *convallarioides* 53:83, 86; 55:79, 141; *cordata* 52:44; 53:83, 86; 55:141; 62:174; 65:84, 90; 75:316; *ovata* 72:274
- Lithocarpus* *edulis* 73:213
- Lithoderma* *extensum* 74:419
- Lithophyllum* *corallinae* 72:117, 211, 233, 324-325, 334; 74:423; *macrocarpum* 72:210; *pustulatum* 74:423
- Lithospermum* *angustifolium* 63:234; *canescens* 63:229-231, 233-234; 70:460; f. *pallidum* 57:316; *caroliniense* 57:316; 60:206, 296; 64:89; *croceum* 57:316; 60:296; *decumbens* 63:230; 70:31; *gmelinii* 64:89; *incisum* 63:232-234; 70:31, 460; *latifolium* 55:156; 57:131; *linearifolium* 55:225; *longiflorum* 63:232, 234; 70:31; *tournefortii* 63:230
- Lithothamnium* *glaciale* 71:133; 72:117, 211, 238, 324, 334; 74:423; *laeve* 71:133; *lenormandi* 72:212; *tophiforme* 71:133
- Litrisa* 70:474-475, 481; *carnosa* 60:118-120
- Litschaueria* *corticiorum* 65:303
- Litsea* *aestivalis* 51:154
- Littorella* *americana* 54:227; 57:309; 60:33-34, 35 (figs. 1-2), 36 (fig. 3, map), 37; 61:276, 283 (fig. 7, map), 287; *uniflora* 60:33, 36-37
- Lloydia* *serotina* 55:249; 65:215
- Loasa* 71:548; *rupestris* 71:548, 550
- Loasaceae* 71:550
- Lobadium* *aromaticum* 73:404 (fig. 52), 411
- Lobaria* *scrobiculata* 67:380
- Lobelia* *assurgens* var. *portoricensis* 67:354; *boykinii* 54:179; 63:236; *cardinalis* 52:297; 54:259; 55:295; 56:212; 72:79; 73:261 f. *rosea* 57:317; *dortmanna* 55:48, 54, 195; 60:33, 37; 61:288; 72:526; 73:261; *feayana* 57:288; *floridana* 71:33; *glandulosa* 71:33; *inflata* 55:225;

- 72:526; *kalmii* 55:195; 57:113-114; 61:23; 62:142; 75:160; *lucayana* 66:15; *nuttallii* 66:379; *portoricensis* 67:354; *puberula* 71:33; *rotundifolia* 67:354; *siphilitica* 54:254, 259; var. *siphilitica* f. *albiflora* 74:387; \times *cardinalis* 54:259; *spicata* 57:309; var. *hirtella* 53:17; var. *leptostachys* 54:129
- Lobeliaceae* 67:354
- Lobularia maritima* 63:49, 54; 70:299
- Lochnera rosea* 57:279, 282, 287
- Loeflingia texana* 51:24
- Loganiaceae* 62:181; 64:147, 152; 66:13; 71:33; 72:26
- Loiseleuria procumbens* 54:48-49, 53; 55:248, 251; 62:261; 67:380; 74:365, 367-368, 370, 373-374
- Lolium* 68:104, 238; *multiflorum* 53:266; 56:245; 59:17; 68:238; 72:510; var. *diminutum* 57:311; 69:31; 71:168; *perenne* 53:266; 60:65; 68:238; 70:557 (pl. 1401), 558; 71:167; spp. 70:557 (pl. 1401), 558; *temulentum* 68:238; var. *arvense* 68:238
- Lomaria spicant* 52:246
- Lomariopsis amydrophlebia* 67:358; *kunzeana* 67:358; *sorbifolia* 67:358
- Lomatium* 61:272; *foeniculaceum* 70:36
- Lomatogonium* 65:364; *rotatum* 65:287, 364-365; 66:154; f. *americanum* 65:94; var. *americanum* 66:151
- Lomentaria baileyana* 72:200, 219, 231-232, 238; 75:276; *clavellosa* 74:158; *orcadensis* 72:201, 219, 232, 238
- Lomogramma guianensis* 67:358
- Lomoplis ceratonia* 69:409
- Lonchitis hirsuta* 67:357
- Lonchocarpus* 51:201; *domingensis* 69:373; *latifolius* 67:334; *pentaphyllus* 67:334; *sericeus* 75:416; var. *glabrescens* 69:373
- Lonchophaea macra* 54:160
- Lonicera* 75:120-121; *albiflora* 51:27; *canadensis* 55:45-46, 192-193; 63:66; 65:94; 72:525; 75:321; \times *oblongifolia* 55:193; *ciliata* 55:295; *dioica* var. *glaucescens* 55:172, 193; *hirsuta* 55:193; *involuta* 52:286; 53:13; *morrowi* 52:297; 54:210, 259; 72:344; *oblongifolia* 55:193; *sempervirens* 71:33; *villosa* 66:152; 70:210; var. *calvescens* 66:152; 72:525; var. *solonis* 55:192; 65:94; 66:152; 72:525; var. *tonsa* 65:94; 66:152; *xylosteum* 54:210; 63:119
- Lophidium poeppigianum* 67:356
- Lophiola americana* 71:32
- Lophochloa cristata* 58:96
- Lophocolea bidentata* 53:120; *heterophylla* 53:120; *minor* 59:26
- Lophosoria quadripinnata* 67:356
- Lophotocarpus calycinus* f. *depauperatus* 54:251; f. *maxima* 57:321; *spongiosus* 53:2, 24
- Lophozia alpestris* 60:253; *bicrenata* 59:26; *gillmani* 60:213 (fig. 2, map), 223-224; *grandiretis* 58:248; 60:253; *groenlandica* 60:253; *hatcheri* 60:253; *helleriana* 59:26; *heterocolpa* 60:223; *incisa* 59:252; *kunzeana* 60:223, 253; *latifolia* 60:223; *lycopodioides* 60:253; *obtusata* 60:253; *porphyroleuca* 59:26; *quadriloba* 60:213, 214 (fig. 3, map), 233; 64:122; *schultzii* 60:214, 224; *silvicola* 59:252; *ventricosa* 64:124
- Loranthaceae* 60:298; 64:149; 67:328; 69:401
- Lorinseria areolata* 71:31
- Lotus corniculatus* 59:33; 60:42; 61:27; 65:75; 67:196; 69:33; 71:171; 74:150, 392; *oroboides* 51:382
- Loxogramme mexicana* 66:111; *salvinii* 66:111
- Loxothysanus sinuatus* 66:309
- Luchia* 67:170; *berteroniana* 67:170
- Lucuma multiflora* 67:345
- Lucya tetrandra* 67:353
- Ludwigia* 67:83; 69:432; *brevipes* 54:176; *erecta* 67:343; 69:432; *glandulosa* 51:26; var. *torreyi* 51:26; var. *typica* 51:21, 26; *hirtella* 51:20, 26; 71:33; *leptocarpa* 67:343; 70:38; var. *meyeriana* 69:375; *maritima* 70:225; *microcarpa* 57:287; *natans* 67:83; *octovalvis* 67:343; 69:432; *palustris* 57:309; 67:83, 343; 71:20; var. *americana* 71:26; 73:259; f. *elongata* 73:259; *peplodes* 67:343; *peruviana* 67:343; *pilosa* 71:33; *repens* 67:83-84; *spathulata* 75:394; *sphaerocarpa* 75:395; *suffruticosa* 75:395
- Lunania buchii* 67:341
- Lunaria annua* 63:49, 55
- Lupinus* 59:243; 61:272; 72:110; \times *alpestris* 72:112, 114; *arcticus* 65:218; *argenteus* 72:110-114; subsp. *argenteus* 72:111; var. *argenteus* 72:111; var. *tenellus* 72:111; subsp. *rubricaulis* 72:111-112; subsp. *spathulatus* 72:111; *ashenbornii* 74:490, 494; *bilineatus* 74:491-492; *caudatus* 72:110, 112-114; subsp. *argophyllus* 72:113-114; subsp. *caudatus* 72:112; subsp. *cutleri* 72:113; subsp. *montigenus* 72:113; *cutleri* 72:113; *decumbens* var. *argophyllus* 72:113; *hartwegii* 74:494; \times *inyoensis* 72:114; *mexicanus* 74:489-492, 493

- (fig. 1), 494; *montigenus* 72:113; *palmeri* 72:114; *parviflorus* 72:111; *perennis* 59:243; *persistens* 74:494; *polyphyllus* 71:170; 72:50, 250; *rubricaulis* 72:111; *spathulatus* 72:111; *tenellus* 72:111; *termis* 74:491; *villosus* 73:493
- Lusekia* 52:248
- Luziola* 68:104, 290; *peruviana* 68:290
- Luzula* 54:40; *acuminata* 53:18, 243-244; 55:137; 64:74-75; 72:514; var. *acuminata* 64:76-77, 78 (fig. 1, map), 79-82; var. *carolinae* 52:260; 64:76-77, 78 (fig. 1, map), 79, 81, 83; *arctica* 71:505; *campestris* 52:293; *carolinae* 52:260; 53:243-244; 64:74-75, 81; var. *salutuensis* 53:243; 64:80; *confusa* 55:247, 249; 65:214; *congesta* 68:456; *hyperborea* 54:54; *intermedia* 68:454, 456; *luzuloides* 57:267; *multiflora* 55:137; 60:70; 66:145; 68:454-456; 75:316; subsp. *multiflora* 71:505; var. *acadiensis* 65:90; 66:145; 72:514; var. *comosa* 66:145; var. *fusconigra* 72:8, 10, 514; var. *multiflora* 66:145; 72:514; *nivalis* 54:54; var. *latifolia* 65:215; *pallescens* 53:10; 61:32; *parviflora* 55:76, 137; 68:414 (fig. 11, map), 417; var. *melanocarpa* 53:268; 55:137; 57:306; 65:312; 68:414 (fig. 11, map), 417; *pilosa* 64:74-75; var. β 64:80; var. *americana* 64:80; *piperi* 58:281; *plumosa* 64:74; *salutuensis* 53:242-244; 55:137; 64:74-75, 80; *spicata* 67:382; 68:412 (fig. 5, map), 416, 418; *sudetica* 54:141; *tundricola* 65:215; *wahlenbergii* 65:211, 215
- Lyallia* 75:239, 241, 243-244, 245 (fig. 4), 246; *keruelensis* 75:241, 243 (fig. 3)
- Lychnis* 52:233-234, 236; *affinis* 52:237-238; *ajanensis* 52:241; *alba* 52:234, 242, 294; 55:148; 62:108, 115; 71:306; 72:517; 74:149; *alpina* 52:234-236, 238; 67:382; var. *americana* 52:235; f. *albiflora* 52:235; *apetala* 52:234-238; 54:49, 51, 216, 278; f. *arctica* 52:235; subsp. *apetala* 52:235, 239; subsp. *attenuata* 52:235-236; subsp. *montana* 52:235-236; var. *elatior* 52:240; var. *glabra* 52:236; *attenuata* 52:236; *brachycalyx* 52:240; *chalcedonica* 52:235, 243; 62:108, 115; 74:391; *coronaria* 52:235, 243; 62:108, 115; *dawsonii* 52:241; *dioica* 52:235, 243; 62:109, 115; var. *rubra* 52:243; *diurna* 52:243; *drummondii* 52:234, 241; var. *drummondii* 52:242; var. *nuda* 52:242; var. *striata* 52:242; *flos-cuculi* 52:234-235; 62:109, 115; 69:32; 71:169; *funstonii* 52:240; *furcata* 52:234, 236-240; subsp. *affinis* 52:238; subsp. *elatior* 52:238-241; var. *glabra* 52:240; subsp. *furcata* 52:238; *githago* 52:243; *kingii* 52:234, 241; *mexicana* 52:234, 242; *montana* 52:236; *nesophila* 52:235; *pauciflora* 52:238-239; *striata* 52:242; *taylorae* 52:240; *triflora* 52:234, 236, 241; subsp. *dawsonii* 52:241; subsp. *triflora* 52:241; var. *dawsonii* 52:241; *vespertina* 52:242; *viscaria* 52:234-235; 62:109, 115
- Lycium* *americanum* 67:351; *berlandieri* 52:20; *pallidum* 56:161; 74:83; *spathulifolium* 66:6; *tweedeanum* var. *chrysocarpum* 67:351
- Lycoperdon* 52:252; *pedunculatum* 73:22
- Lycopersicon* (see *Lycopersicum*)
- Lycopersicum* *esculentum* 67:50, 196; 69:441; 72:393; *lycopersicum* 67:351
- Lycopodiaceae* 55:90; 67:360; 68:464; 71:31, 514; 75:313
- Lycopodium* 66:165; *adpressum* 71:31; *alopecuroides* 71:31; 75:368; *alpinum* 71:504; *annotinum* 55:45-46, 92; 66:142; 70:216; var. *acrifolium* 55:92; 72:507; 75:368; var. *alpestre* 65:87; 66:142; var. *annotinum* 72:507; var. *pungens* 55:92; 65:87; 66:142; 67:380; \times *battersii* 55:89, 91-92; *carolinianum* 70:225; 71:31; *clavatum* 51:8; 55:92, 295; 65:82, 87; 67:402; 72:1; 75:144, 256; subsp. *monostachyon* 71:504; var. *clavatum* 72:507; var. *laurentianum* 55:92; var. *megastachyon* 55:92; 72:507; f. *furcatum* 67:195; var. *subremotum* 55:92; *complanatum* 52:43; 55:93; 67:402; var. *canadense* 55:93; var. *elongatum* 55:93; var. *flabelliforme* 53:19; 58:246; 66:166; 72:508; *dendroideum* 55:295; *flabelliforme* 63:21; *inundatum* 54:208, 213; 67:376; 71:20, 22; 72:507; var. *bigelovii* 59:264; var. *inundatum* 65:77; *lucidulum* 55:91-92, 295; 66:166; 70:216; 72:1; 74:524; 75:256; var. *lucidulum* 72:507; var. *occidentale* 72:507; *obscurum* 52:254; 55:92; 72:281; f. *dendroideum* 72:507; 75:313; f. *obscurum* 72:507; var. *dendroideum* 52:43; 55:45, 93; 65:87; f. *exsertum* 55:93; *pinnatum* 66:381; *porophilum* 66:165-166; *prostratum* 71:31; 75:368; *reflexum* var. *reflexum* 68:464; var. *rigidum* 68:464; *rigidum* 68:464; *sabinaefolium* 69:453; var. *sit-*

- chense 53:7; sabinifolium 69:453; selago 55:17, 90-91, 295; 56:244; 57:301, 303; 61:123; 67:380; 68:411 (fig. 2, map), 415-416; 70:186, 188; 71:256; 74:367; var. appressum 72:507; var. patens 55:90, 92; 61:22; setaceum 69:376; sintenisii 67:360; tristachyum 51:109; 52:43; 54:165; 55:93; 62:329; 64:98; 72:508; 74:353; verticillatum 69:376
- Lycopsis arvensis* 63:44
- Lycopus* 72:354; *americanus* 53:5, 270; 55:188; 63:289; 71:20, 27; 72:79, 352-353, 524; 73:260; var. *longii* 72:136; var. *scabrifolius* 55:225; *asper* 72:164; *europaeus* 53:270; 72:351, 352 (fig. 1, map), 353-362, 363 (fig. 2); var. *europaeus* 72:353; var. *integrifolius* 72:353; var. *mollis* 72:353; var. *sessilifolius* 72:354; var. *sinuatus* 72:353; *rubellus* 71:33; 72:353; var. *arkansanus* 56:161; *sessilifolius* 72:354; *uniflorus* 53:10, 20; 55:188; 64:346; 65:94; 71:522; 72:339, 524; 73:260; 75:320; *virginicus* 55:225; 72:353; 75:320
- Lycurus* 68:104, 263; *phleoides* 51:20; 68:263
- Lygodium palmatum* 57:220; 58:270
- Lyngbya* 75:60; *aerugineo-coerulea* 63:281; 75:285; *aestuarii* 71:154; 73:239-241, 268, 297; 75:285; var. *feruginea* 73:268; *confervoides* 71:116; 73:239, 241; 75:285; *diguettii* 58:120; *epiphytica* 64:55; *gracilis* 75:285; *latissima* 64:55; *limnetica* 67:252; *lutea* 73:268; 75:285; *majoruscula* 64:55; *martensiana* 67:252; *sempiplanata* 73:239, 268; 75:286; *versicolor* 58:120; 67:252; *wollei* 64:55
- Lyonia* 55:155; *apiculata* 62:237; *cryptogonia* 62:237; *elongata* 62:237; *ligustrina* 57:310; 63:66; 64:91; 71:26, 33; var. *capreaefolia* 69:453; var. *capreaefolia* 69:453; *longelaminata* 62:237; *mariana* 55:155; *orbiculata* 62:237; *pseudotinensis* 62:237; *rubiginosa* 67:344; *stahlia* 67:344; *urbaniana* 62:237
- Lyophyllum connatum* 62:194; *multiforme* 62:186, 193-194
- Lysias menziesii* 52:63; *orbiculata* 52:64
- Lysichitum americanum* 68:28; *camtschaticense* 68:27
- Lysimachia* sect. *Ephemerum* 52:200; sect. *Naumburgia* 52:200; sect. *Steironema* 52:201; sect. *Verticillatae* 52:200; *ciliata* 73:259, 556 (fig. 1), 557; *× commixta* 52:199-200; *gramineum* 75:397; *lanceolata* 75:398; subsp. *lanceolata* 75:397; *mauritaniana* 73:557; *nemorum* 73:557; *nummularia* 51:139; 55:225; 60:66; 73:557; *× producta* 52:199-200; 72:523; *punctata* 71:166, 172; 73:557; *quadriflora* 54:257; 75:398; f. *albescens* 54:257; *quadrifolia* 52:200; 60:68; 71:307; 72:523; spp. 72:492; *terrestris* 52:199-201; 53:20; 55:47, 185; 73:259; 74:150; 75:320; var. *terrestris* 72:523; *× thyrsoflora* 52:199; *thyrsoflora* 52:199; 55:185; 61:286; *vulgaris* 72:546
- Lythraceae* 64:147, 152; 67:342; 69:429; 71:33, 550; 73:47; 75:422
- Lythrum alatum* 53:225; 54:254; *carthagenense* 60:19; *lanceolatum* 57:287; *salicaria* 51:120; 71:171; 74:393; 75:56
- Maba sintenisii* 67:345
- Macbridea pulchra* 51:141
- MacDougalia* 59:131
- Machaeranthera* 69:478; sect. *Psilactis* 69:476, 478, 480; *arida* 69:476, 478-480; *arizonica* 69:476, 477 (pl. 1370), 478-480; *blephariphylla* 63:124; *coulteri* 69:480; *crispa* 69:476, 478-480; *gymnocephala* 63:124-125, 127; 64:260 (fig. 8), 264; 65:228, 231 (fig. 16) *parviflora* 64:254; 69:480; *tanacetifolia* 63:122, 123 (fig. 9), 127; 64:264; 65:228
- Machaerium lunatum* 67:334
- Macleaya cordata* 63:47, 55
- Maclura pomifera* 58:129
- Macocoua* 53:232
- Macrocytis pyrifera* 74:130
- Macroptilium* 69:414; *lathyroides* 67:335; 69:414
- Macroule* 70:518
- Macuillamia repens* 70:518
- Macvaughiiella* 72:100-101; *mexicana* 72:101-102; var. *mexicana* 72:101; var. *standleyi* 72:101-102; *standleyi* 72:102
- Madia* 51:8; *minima* 74:204-205; *sativa* 51:145
- Magnolia* 51:135; *acuminata* 51:134-135; 62:111, 115; 68:523; 72:491; var. *aurea* 51:135; var. *cordata* 51:134; *cordata* 51:134; 57:189; *denudata* 52:294; *fraseri* 72:491; 73:248; *grandiflora* 56:256; 66:159; *macrophylla* 51:135; *soulangiana* 61:66; *stellata* 61:66; *tripetala* 51:135; 62:111, 115; 66:275; 67:394, 395 (fig. 1, map); 71:478; 74:524; *umbrella* 51:136; *virginiana* 52:132; 61:65-67, 69; 62:111, 114; 70:290; 71:32; 73:492, 502-503, 505, 507, 509

- Magnoliaceae 52:294; 62:111; 70:425;
 71:32
 Magnoliatae 70:425
 Magnoliidae 70:425
 Magnoliophyta 70:422
 Maianthemum canadense 52:53, 293;
 53:81, 84; 54:64; 55:45-46, 48, 138;
 56:2; 58:310; 60:67; 65:23, 90; 72:
 282, 514; 75:316; var. interius 54:
 209; 55:48, 138, 173
 Malache scabra 67:340; 69:375
 Malachodendron 71:437; ovatum 71:
 437
 Malachra 69:424; alceifolia 69:424;
 var. fasciata 69:347; capitata 69:
 424; fasciata 69:375
 Malacothamnus 69:14-15, 21
 Malaxis bayardi 72:136; brachypoda
 52:44; 53:11, 83, 86; 57:306; 62:
 142; f. bifolia 52:71; domingensis
 59:250; monophyllos 53:73; f. bi-
 folia 52:71; umbelliflora 59:250;
 unifolia 53:83-85; 55:141; 72:515
 Malcolmia maritima 63:49, 55
 Mellinoa corymbosa 71:571
 Mallomonas aceroides 71:465; elegans
 71:465; fastigiata 71:466; pro-
 ducta 71:466; pseudocoronata 71:
 466; tonsurata 71:466
 Mallotonia gnaphalodes 67:348; 69:
 438
 Malouetia 70:336; tamaquarina 70:
 327
 Malparia 69:43; tenuis 69:43 (fig. 11,
 map), 44 (pl. 1340)
 Malpighia 69:394, 416; angustifolia
 67:336; 69:374; glabra 69:416; li-
 nearis 67:336; 69:374; puniceifolia
 69:416; shaferi 67:336
 Malpighiaceae 65:9; 67:335; 69:416;
 70:318, 321
 Malus platycarpa var. hoopesii 60:
 294; "Prince Georges" 70:296
 Malva 69:10, 14, 21; anomala 69:16;
 coccinea 57:291, 293; 58:287; 70:41;
 moschata f. heterophylla 71:171;
 f. laciniata 71:171; f. moschata 71:
 171; neglecta 72:521; perpusilla
 69:23; rotundifolia 63:289; tricusp-
 idata 69:11
 Malvaceae 51:208; 52:296; 63:211;
 66:13; 67:339; 69:9-10, 395, 424;
 71:33, 497; 73:48, 50; 75:148, 418;
 trib. Malveae 69:16, 21
 Malvastrum 69:9, 11, 13-16, 18, 21-
 23, 424; amblyphyllum 69:19-20;
 americanum 67:339; 69:11, 15, 18-19,
 22, 424; angustum 69:9-15, 23, 26;
 aurantiacum 69:11, 19-20; bicusp-
 idatum 69:11, 20; coccineum 69:14-
 15; corchorifolium 69:11-12, 18,
 424; coromandelianum 69:11-13, 15-
 16, 18, 20, 22, 424; depressum 69:
 20; dimorphum 69:20; fremontii
 69:14; grossulariaefolium 69:14;
 guaraniticum 69:20; guatemalense
 69:20; hispidum 69:14, 16, 21-23,
 25-26; interruptum 69:18-19, 23;
 lacteum 69:15; munroanum 69:14;
 rugelii 69:18; scabrum 69:20-21;
 scoparioides 69:20; scoparium 69:
 20; spicatum 67:339; 69:18, 424;
 spiciflorum 69:18-19; subtriflorum
 69:15; tricuspdatum 69:11, 18;
 wrightii 69:19
 Malvaviscus 69:424; arboreus 67:
 340; 69:424; malvaviscus 67:340
 Malveopsis 69:15-16; hispida 69:23
 Mammea 69:426; americana 69:426
 Mammillaria 69:428; nivosa 67:342;
 69:428; vivipara 57:293; 58:286;
 70:431
 Mancoa bracteata 59:69; laxa 59:68-
 69; mexicana 59:69; pubens 59:69;
 61:255
 Manfreda virginica 54:172
 Mangifera 69:421; indica 69:391, 421
 Manihot 69:420; manihot 67:337; 69:
 420; utilissima 67:337; 69:420
 Manilkara 69:434; albescens 69:375;
 balata 67:345; 69:392, 424; biden-
 tata 67:345; 69:434; duplicata 67:
 345; emarginata 67:345; jaimiqui
 67:345; nitida 67:345; 69:434; ple-
 eana 67:345; zapota 67:344; 69:434
 Manisuris 68:106, 356; altissima 68:
 356; aurita 68:356-357; cylindrica
 71:31; fasciculata 68:356; rugosa
 75:374; tuberculosa 75:374
 Mannia fragrans 60:233; pilosa 60:
 211, 233 (fig. 16, map), 234, 247,
 249-250; rupestris 60:211, 243-244,
 245 (fig. 17, map); sibirica 60:211,
 233 (fig. 16, map), 234, 249-250
 Mantisalca salmatica 74:339
 Mapania assimilis 73:160; gabonica
 73:160; macrophylla 74:327; ma-
 guireana 73:160; monosperma 73:
 160; sylvatica 73:160; 74:328
 Marantaceae 65:9; 75:428
 Marasmius sect. Globulares 65:297;
 strictipes 65:296-297
 Marcgravia 69:426; rectiflora 69:392,
 426
 Marcgraviaceae 69:426
 Marchantia polymorpha 53:121
 Marchantiaceae 53:121
 Margaranthus 69:84, 100, 224; 75:
 331-334; sulphureus 69:224
 Margaritaria 69:420; nobilis 69:420
 Marica bulbosa 64:308-309; lutea 64:
 309; martii 64:309
 Marilaunidium jamaicense 66:13; 67:
 348

- Mariscus jamaicensis* 67:322; 73:49
Marshallia mohrii 75:368, 408; *ramosa* 56:263
Marsilea 66:9; 75:115; *nashii* 66:6, 10-11; *quadrifolia* 66:161; *tenuifolia* 66:10
Marsileaceae 66:10
Marssoniella elegans 63:280
Marsupella emarginata 59:253; 60:246; *paroica* 59:253; 60:245 (fig. 18, map), 246; *sparsifolia* 60:245 (fig. 18, map), 246; *sphacelata* 53:120
Marsupellaceae 53:120
Martusia laurifolia 67:334; *rubiginosa* 67:334
Martynia 69:443; *annua* 69:443
Martyniaceae 69:443
Mastichodendron 69:434; *foetidissimum* 67:345; 69:434
Mastigocoleus testarum 75:293
Mastigostyla 64:291-292; *brevicaulis* 64:292-295; *cabreræ* 64:292-293; *cardenasii* 64:293, 297-298; *cyrtophylla* 64:292-293, 295-296, 298; *gracilis* 64:293, 296-297; *hoppii* 64:292, 295-296, 298; *joergensenii* 64:293, 297; *johnstonii* 64:292, 294; *peruviana* 64:293, 297-298; *potosina* 64:292, 294
Matayba apetala 67:339; *oppositifolia* 67:338
Matelea 69:436; *constanzana* 62:238; *crispiflora* 62:238; *maritima* 67:346; *sintenisii* 67:347; *tuerckheimii* 62:238; *variifolia* 67:346
Matelia carolinensis 70:37; *maritima* 69:436
Matricaria chamomilla 60:127; 72:527; *inodora* 55:199; 67:320; *maritima* 55:238; 58:247; var. *agrestis* 55:199; 75:321; var. *maritima* 72:527; *matricarioides* 55:199; 64:346; 65:95; 71:523; 72:527; 75:321; *suaevolens* 55:199
Matteuccia 52:246-247; *pensylvanica* 52:247; *struthiopteris* 52:246
Matthiola incana 55:321
Mattuschkia aquatica 64:88
Maxillaria coccinea 67:327; *conferta* 67:327; *pachyacron* 59:287; *reichenheimiana* 59:287-288; *rufescens* 58:291
Maximiliana vitifolia 67:341
Mayaca aubletii 66:380; *fluviatilis* 66:379
Mayepea axilliflora 67:345; *caribæa* 67:345; *domingensis* 67:345
Mayna amazonica 65:14, 16; *muricida* 65:14, 15 (fig. 9), 16; *toxica* 65:16, 17 (fig. 10)
- Maytenus buxifolia* 75:418; *phyllanthoides* 57:286; 75:418
Mazus japonicus 64:229-231; 72:273; *reptans* 64:229-230; *rugosus* 64:230
Mecardonia 64:147; *acuminata* 64:154; *dianthera* 67:351; *procumbens* 67:351
Medeola 51:53; *virginiana* 51:304; 53:81, 84; 55:11; 58:40; 67:372; 72:493, 514; 73:428
Medicago 58:1; 68:365; *apiculata* 58:5, 11, 310; var. *confinis* 58:11; *arabica* 58:2-3, 6-7; 59:240; *ciliaris* 58:2, 6, 9; *cordata* 58:2; *denticulata* 58:2-3, 5, 11; var. *brevispina* 58:11; var. *ciliaris* 58:9, 310; var. *lappacea* 58:8; var. *macracantha* 58:8; var. *vulgaris* 58:11, 310; *falcata* 58:1; *hirsuta* 58:4; *hispida* 53:22; 58:2-8, 11, 310; subsp. *microcarpa* 58:10; var. *apiculata* 58:11; var. *pentacycla* 58:6-8; f. *longeaculeata* 58:7; var. *polygyra* 58:9; f. *aculeata* 58:9; f. *inermis* 58:9; var. *tricycla* 58:9; f. *longispina* 58:9; f. *microdon* 58:9; *laciniata* 51:8; 58:3; *lappacea* 58:8; var. *macracantha* 58:8; var. *pentacycla* 58:8; var. *tricycla* 58:8; *lupulina* 58:1; 72:520; var. *glandulosa* 58:2; *maculata* 58:2; *microdon* 58:9; *minima* 58:1, 3-4, 6-7; 75:391; f. *mollissima* 58:4; f. *pubescens* 58:4; f. *viscida* 58:4; var. *brachyodon* 58:4; var. *compacta* 58:4; var. *longiseta* 58:4; var. *pubescens* 58:4; var. *pulchella* 58:4; var. *viscida* 58:4; var. *vulgaris* 58:4; *nigra* 58:8; *obscura* var. *microdon* 58:9; *orbicularis* 58:4; 62:239, 241; 75:391; *orbiculata* 58:5; *pentacycla* 58:8; *polycarpa* 58:5; var. *tuberculata* 58:11, 380; *polymorpha* 58:2-8; var. *arabica* 58:2; var. *ciliaris* 58:2, 6-10, 310; f. *apiculata* 58:11; f. *ciliaris* 58:11; f. *tuberculata* 58:11-12; var. *coronata* 58:6; var. *hirsuta* 58:4; var. *laciniata* 58:3; var. *minima* 58:3-4; var. *nigra* 58:6-8; var. *orbicularis* 58:5; var. *polygyra* 58:8-9, 11-12; var. *polymorpha* 58:8; var. *tricycla* 58:8; var. *vulgaris* 58:310; f. *apiculata* 58:310; f. *tuberculata* 58:310; *praecox* 58:12; *reticulata* 58:9, 11-12; *sardoa* 58:9, 11-12; *sativa* 58:1; *sphaerocarpa* 53:22; *tuberculata* 58:12; *virginica* 68:393
Meehania cordata 70:431
Meesia longiseta 62:158
Meesiaceae 62:147, 158
Megalodonta beckii 55:47, 198; 57:

- 309; 58:77; 60:322; 61:276, 283 (fig. 8, map), 288; 73:261
- Megapterium oklahomense** 70:43
- Meibomia adscendens** 67:334; *affinis* 67:334; *axillaris* 67:334; 69:413; *barbata* 67:334; *cubensis* 67:334; *cuspidata* 52:138; *floridana* 52:146; *grandiflora* 52:138; var. *chandonnetti* 52:138; *laevigata* 52:149; var. *monophylla* 52:149; *longifolia* 52:138; *mollis* 66:12; 67:334; 69:413; *nuttallii* 52:139, 143; *paniculata* 52:151-152; var. *obtusata* 52:154; *procumbens* 67:334; 69:413; *purpurea* 67:334; 69:413; *rhombofolia* 52:146, 148; *scorpiurus* 67:334; 69:413; *sintenisii* 67:334; *supina* 67:334; 69:413; *umbrosa* 67:334; *viridiflora* 52:140-141; *wydlariana* 67:334
- Melampodium** 72:107-108; 74:1, 161; sect. *Acanthospermum* 74:3, 203; sect. *Alcina* 74:3, 7, 194; sect. ***Bibractiaria*** 74:7, 186; sect. *Eumelampodium* 74:3-4, 20; sect. *Lecocarpus* 74:3; sect. *Melampodium* 74:4-6, 20; ser. ***Cupulata*** 74:7, 59; ser. ***Leucantha*** 74:6, 34; ser. ***Longipila*** 74:6, 68; ser. *Melampodium* 74:6, 20; ser. ***Sericea*** 74:6, 46; sect. ***Rhizomaria*** 74:7, 189; sect. ***Serratura*** 74:7, 175; sect. *Zarabellia* 74:3-7, 161; subgen. *Alciniae* 74:2; subgen. *Dyssodia* 74:2; subgen. *Melampodium* 74:2, 4; subgen. *Unxia* 74:3; *achillaeoides* 74:203; *americanum* 74:2, 6, 9, 12, 15-16, 20-22, 23 (fig. 11, map); *angulatum* 74:202; *angustifolium* 74:21, 206; *anomalum* 74:203; *appendiculatum* 74:7, 18, 56 (fig. 19, map), 61, 210; var. *leiocarpum* 74:61; var. *sonorense* 74:61; *arenicola* 74:64-65; *argophyllum* 74:6, 9, 13, 35, 40 (fig. 16, map), 41, 45-46, 210; *arvense* 74:188; *aureum* 74:7, 9, 12, 17, 191 (fig. 26, map), 193, 211; *australe* 74:203; *baranquillae* 74:203; *berterianum* 74:176; *bibracteatum* 74:7, 14, 59 (fig. 20, map), 187, 210; *bonairense* 74:203; *brachyglossum* 74:170; *camphoratum* 74:4, 204; *canescens* 74:31-32; *cinereum* 74:6, 9, 35, 39, 41, 44, 46, 172, 210; var. *cinereum* 74:6, 14, 30, 40 (fig. 16, map), 210; var. *hirtellum* 74:6, 14, 40 (fig. 16, map), 42, 210; var. *ramosissimum* 74:6, 14, 40 (fig. 16, map), 43, 210; *connatum* 74:195; *copiosum* 74:176; *cornutum* 74:184-185; *coronopifolium* 74:51, 53; *costaricense* 74:7, 18, 181, 183 (fig. 25, map), 210; *cupulatum* 74:7, 17, 20, 56 (fig. 19, map), 59-60, 64-65, 210; *dichotomum* 74:202; *dicoelocarpum* 74:4, 7, 10, 18, 30 (fig. 13, map), 172, 182, 184, 210; *diffusum* 74:6, 8, 15, 25, 27 (fig. 12, map), 210; *digynum* 74:204; var. *lanceolatum* 74:26; *divaricatum* 74:5 (figs. 3-4), 7-8, 10, 12, 18, 64, 69, 172 (fig. 23, map), 175, 178 (fig. 24, map), 195, 202, 210; var. *macranthum* 74:176; *diversifolium* 74:202; *dombeyanum* 74:204; *durandi* 74:204; *flaccidum* 74:176; *geminatum* 74:204; *glabribracteatum* 74:7, 16, 23 (fig. 11, map), 67, 210; *glabrum* 74:7, 11 (fig. 6), 19, 30 (fig. 13, map), 199-201, 211; *gracile* 74:7, 14, 20, 164, 165 (fig. 21, map), 166, 168, 210; var. *oblongifolium* 74:164; *heterophyllum* 74:21; *hidalgoa* 74:204; *hirsutum* 74:205; *hispidum* 74:20, 47, 53; *humile* 74:205; *kunthianum* 74:22; *lanceolatum* 74:25, 167; *laxum* 74:169; *leucanthum* 74:5, 6 (figs. 1-2), 9, 11 (fig. 9), 13, 34-35, 36 (fig. 15, map), 40 (fig. 16, map), 41, 46, 172, 210; var. *argophyllum* 74:45; *liebmanii* 74:190; *linearilobum* 74:6, 11 (fig. 10), 15, 21, 31-32, 33 (fig. 14, map), 202, 210; *longicorne* 74:6, 19-20, 54, 56 (fig. 19, map), 210; *longifolium* 72:108; 74:7, 11 (fig. 7), 12, 19, 27 (fig. 12, map), 161, 210; *longipes* 74:6, 16, 29, 30 (fig. 13, map), 31-32, 202, 210; *longipilum* 74:7, 11 (fig. 8), 18, 20, 27 (fig. 12, map), 68-69, 185, 210; *manillense* 74:25; *microcarpum* 74:164; *microcephalum* 74:7, 15, 20, 165 (fig. 21, map), 166-168, 210; *mimulifolium* 74:7, 20, 27 (fig. 12, map), 163-164, 210; *minimum* 74:205; *minutiflorum* 74:205; *montanum* 63:128; 74:4, 7, 9, 12, 189-190, 193, 202, 211; var. *montanum* 74:7, 17, 190, 191 (fig. 26, map), 211; var. ***viridulum*** 74:7, 17, 191 (fig. 26, map), 211; *nayaritense* 74:6, 15, 58, 59 (fig. 20, map), 210; *nelsonii* 74:22; *nutans* 74:7, 15, 30 (fig. 13, map), 200-201, 211; *oblongifolium* 74:164; *ovatifolium* 74:176; *paludicola* 74:205; *paludosum* 74:176; *panamense* 74:177; *paniculatum* 72:98; 74:7, 14, 166, 168-170, 171 (fig. 22, map), 172 (fig. 23, map), 210; *parvulum* 74:162; *perfoliatum* 74:3, 7-8, 12, 18, 194-195, 196 (fig. 27, map), 197, 200-202, 210; *pinnatum* 74:202;

- pringlei* 74:6, 16, 20, 23 (fig. 11, map), 50-51, 210; *pumilum* 74:176; *ramosissimum* 74:39, 43; *repens* 74:7, 14, 59 (fig. 20, map), 188, 211; *rhomboideum* 74:162; *rhombifolium* 74:177, 202; *rosei* 74:7, 18, 59 (fig. 20, map), 64-65, 67, 210; var. *subintegrum* 64:64; *runderale* 74:205; *sericeum* 74:6, 16, 20-22, 46-47, 48 (fig. 17, map), 51, 53, 210; var. *brevipes* 74:47; var. *exappendiculatum* 74:47; var. *longipes* 74:29; *sinaloense* 74:7, 19, 52 (fig. 18, map), 186, 211; *sinuatum* 74:7, 9, 17, 20, 56 (fig. 19, map), 59, 63-64, 210; *strigosum* 74:6, 19, 51, 52 (fig. 18, map), 55-56, 210; *suffruticosum* 74:206; *tenellum* 74:7, 17, 59 (fig. 20, map), 66-67, 69, 210; var. *flaccidum* 74:176; *tepicense* 74:7, 19, 52 (fig. 18, map), 175, 184-185, 211; *ternatum* 74:204; *villicaule* 74:68
- Melampyrum* 71:441; *americanum* 55:295; *arvense* 64:15; *barbatum* 64:15; *lineare* 55:46; 64:15-18, 19 (pl. 1265), 20-22, 335; var. *americanum* 55:190; 72:525; var. *lineare* 55:189; 72:525; *nemorosum* 64:15; subsp. *pectinatum* 64:21; *pratense* 64:15-17, 20-21; *silvaticum* 64:15
- Melananthera* 75:172, 181; *deltoidea* 75:172, 192; *hastata* 75:171-172, 184, 188; var. *lobata* 75:184; var. *pandurata* 75:184; *linnaei* 75:192
- Melanconium putredinis* 61:103
- Melandrium* 52:234; *affine* 71:505; *apetalum* 52:235, 238; subsp. *arcticum* 65:216; *drummondii* 52:242; *flos-cuculi* 52:243; *furcatum* 55:20; subsp. *angustiflorum* 52:238; *macrosperrum* 52:235-239; *ostenfeldii* 52:241; *pauciflorum* 52:238; *socavianum* 52:236-239; *taylorae* var. *glabrum* 52:241; *taimyrense* 52:241; *vespertinum* 52:242
- Melanidion* 54:86-88, 92, 110; *boreale* 54:86-88, 112
- Melanoleuca davisiae* 64:132
- Melanomma poroethelia* 65:301, 303; *spiniferum* 65:300-301
- Melanopsamma pomiformis* 65:304-305
- Melanospora barbata* 64:135; *sphaerophila* 64:135
- Melanthera* 69:449; 75:169-174, 176-177, 179-181, 187 (fig. 3, map), 190, 205; *amethystina* 75:192; *angustifolia* 75:172, 174, 176-177, 178 (fig. 1), 179, 181, 183, 187 (fig. 3, map), 197 (fig. 6), 198-199, 202, 206; var. *subhastata* 75:198; *aspera* 75:169-172, 177, 180-181, 188, 190, 192, 206; var. *aspera* 75:174, 176-177, 182-184, 187 (fig. 3, map), 188, 191 (fig. 4), 192-193; var. *glabriuscula* 75:171, 173-174, 176-177, 181-182, 184, 187 (fig. 3, map), 194, 195 (fig. 5), 207; *brevifolia* 75:194; *buchii* 75:192; *calicicola* 67:355; 75:194; *canescens* 67:355; 75:192; *carpenteri* 75:184; *confusa* 67:355; 69:449; 75:194; *corymbosa* 75:192; *crenata* 75:194; *deltoidea* 57:278, 289; *fruticosa* 75:206; *hastata* 75:193; subsp. *lobata* 75:186; var. *cubensis* 75:192; var. *parvifolia* 75:200; *hastifolia* 75:206; *lanceolata* 75:198-199; *ligulata* 75:172, 174, 176-177, 180, 183, 187 (fig. 3, map), 199, 203, 204 (fig. 8), 205; *linearis* 75:177, 198; *lobata* 75:184; *microphylla* 75:198; *molliuscula* 75:192; *montana* 67:355; 75:193; *nivea* 67:355; 69:449; 75:170-174, 176-177, 180, 183-184, 185 (fig. 2), 186, 187 (fig. 3, map), 188, 199, 205-207; *oxycarpha* 75:184; *oxylepis* 75:184, 188; *panduriformis* 75:171, 184; *parviceps* 75:206-207; *parvifolia* 75:172, 174, 176-177, 178 (fig. 1), 179-180, 182, 187 (fig. 3, map), 199-200, 201 (fig. 7); *purpurascens* 75:198-199; *radiata* 75:179, 200; *trilobata* 75:184; *urticifolia* 75:192
- Melanthium hybridum* 53:81, 88; *virginicum* 66:380; 71:32
- Melastoma malabathricum* 69:173, 176
- Melastomataceae* 65:18; 67:342; 69:163, 165, 174, 429; 71:33
- Melia* 69:417; *azedarach* 69:417
- Meliaceae* 69:417; 75:417
- Melica* 68:102, 233; *adhaerens* 68:233; var. *tenuis* 68:233; *mandonii* 68:233; *mutica* 51:125, 127; *nitens* 60:11; 75:371; *scabra* 68:233; var. *glabra* 68:233; *striata* 55:118; *triflora* 68:450; *violacea* 68:233
- Melicocca bijugata* 66:13; 67:338; 69:422
- Melicoccus* 69:422; *bijugatus* 66:13; 67:338; 69:422
- Melilotus alba* 55:170; 75:416; *officinalis* 55:170; 70:451
- Melinis minutiflora* 67:320
- Meliosma* 69:422; *herberti* 69:422
- Melissa* 57:77
- Melobesia lejolisii* 72:201, 211, 232, 238; 74:424
- Melocactus* 69:428; *intortus* 67:341; 69:428
- Melochia* 69:426; *nodiflora* 69:387, 426; *pyramidata* 67:340; 69:426;

- tomentosa 67:340; 69:426; villosa 67:340
- Melosira 71:471; ambigua 71:467; distans 71:467; italica 64:55; 71:467; subsp. subarctica 71:468; var. tenuissima 71:448, 449 (figs. 8-9), 468; juergensii 64:55; 74:480; sculpta 63:280; sp. 75:59; varians 63:280
- Melothria 69:447; 72:37; crassifolia 72:38; guadalupensis 69:447; microcarpa 72:35; nashii 72:38; pendula 57:278, 288; 71:175; 72:37; var. aspera 72:37-38; var. crassifolia 72:37-38; var. microcarpa 72:38; var. pendula 72:37-38
- Membranoptera alata 66:226, 238, 241, 242 (fig. 3), 244-245, 249; 71:137; 72:117, 200-201, 224, 231-232, 238, 324, 334; 74:424; denticulata 71:137; 72:224
- Memecylon 69:174
- Mendezia bicolor 74:515
- Meniscium falcatum 69:6; giganteum 69:6; longifolium 69:7
- Menispermaceae 62:111; 64:150; 69:405
- Menispermum canadense 56:25; 62:111, 115, 200
- Menodora scabra 64:152, 157 (fig. 32)
- Mentha alopecuroides 60:43; aquatica 72:546; arvensis f. lanata 69:33; var. arvensis 71:307; 72:524; 73:260; var. villosa 55:188; 70:210; 71:307; 72:524; 73:260 canadensis 55:188; cardiaca 72:524; piperita 51:390; 72:524; spicata 51:390; 73:260
- Mentzelia albescens 63:118-119, 147; aurea 61:57; cordata 61:240; decapetala 61:57; 70:31; floridana 57:287; laevicaulis 61:57; lobata 61:237; micrantha 61:57; multiflora 51:20; 61:57; nuda 61:57; 70:32; oligosperma 56:208; 70:41; ornata 61:57; pumila 61:57; urens 61:236; wrightii 61:57; 63:118
- Menyanthaceae 67:346
- Menyanthes trifoliata 58:322; 63:44; var. minor 51:117; 55:186; 65:94; 75:320
- Merathrepta pinetorum 55:123
- Meridion circulare 63:280; var. constrictum 71:468; intermedium 63:280
- Meridionaceae 63:280
- Meringosphaera nemiahi 58:161; sol 58:161
- Merismopedia 75:60; glauca 63:280; 75:284; punctata 64:55; 71:450; tenuissima 63:280; 71:450; thermalis 58:118
- Merremia 69:437; aegyptia 67:347; 69:437; dissecta 67:347; 69:437; quinquefolia 67:347; 69:437; tridentata subsp. angustifolia 67:347; tuberosa 67:348; 75:420; umbellata 67:347; 69:437
- Mertensia fendleri 74:83; maritima 54:40, 203; 65:94; 71:516, 522; 72:524, 530; 75:320; paniculata 55:45, 187; 60:226, 248-249, 251; virginica f. rosea 62:131
- Mesadenia diversifolia 75:409
- Mesadenus lucayanus 67:325
- Mesembryanthemum 52:223
- Mesocarpus 64:58
- Mesosetum 68:107, 297; cayennense 68:297
- Mesotaenium 64:58; macrococcum 58:120; rubescens 58:120
- Mesoteniaceae 63:278
- Metastelma aemulans 62:237; anegadense 67:346; astephanoides 62:238; crassiuscula 62:237; decaisneanum 67:346; 69:435; decipiens 67:346; domingense 62:237; ekmanii 62:237; ephedroides 67:346; glabrius 62:237; gracile 62:238; gramini-folium 75:420; grisebachianum 67:346; inaguense 66:13; leptocladum 62:238; lineare 67:346; monense 67:345; parviflorum 67:346; 69:435; picardae 62:238; stenoglossum 62:238; tylophoroides 62:238
- Metopium linnaei 67:338; 69:374; toxiferum 67:338; 69:374; 72:23; 73:119, 121, 126 (fig. 4), 128 (fig. 6), 130 (fig. 8)
- Metzgeria conjugata 59:258; crassipilis 59:257-258; fruticulosa 59:256, 258; furcata 53:121; 59:258; var. ulvula 59:257; hamata 59:254, 258; myriopoda 59:258
- Metzgeriaceae 53:121
- Meyenia erecta 69:444
- Micarea ligniaria f. gomphillacea 56:125
- Micheliella verticillata 66:275-276
- Miconia 69:175, 429; 75:142, 144, 323; affinis 67:342; astrotricha 65:19; filamentosa 65:19; fissa 65:19; fothergilla 69:429; laevigata 69:429; marginata 65:19-20; microcarpa 67:342; mirabilis 67:342; 69:429; ottoschulzii 67:342; prasina 69:429; robinsoniana 75:144; serrulata 67:342; thomasiana 69:429
- Micranthemum orbiculatum 64:89; umbrosum 64:89; 67:351
- Micrasterias americana 63:279; 64:55; apiculata 64:55; var. fimbriata f. spinulosa 64:55; laticeps 63:279; mahabuleswarensis 63:279; nord-

- stedtiana 73:56, 57 (fig. 1); pinna-
tifida 63:279; 69:57; f. rhomboidea
69:56 (fig. 6), 58; radiata 63:279;
64:55; 71:456; radiosa 71:456; ro-
tata 64:55; 69:58; sol 63:279;
truncata 63:279; 64:55
- Microchaetaceae 75:292
- Microchloa 68:98, 283; indica 68:283
- Microcoleus chthonoplastes 73:238,
268; 75:286; lyngbyaceus 73:238-
243; 75:287; rupicola 58:120; tener-
rimus 71:116; 73:268; 74:484; 75:
287; vaginatus 73:238; 75:287
- Microcystis aeruginosa 63:280; in-
certa 63:280
- Microlepidozia setacea 59:255; 60:
220; sylvatica 59:253-254
- Microlonchus salmaticus 74:339
- Micromeria bahamensis 75:421;
brownei 75:421
- Micromyces 52:252
- Micropholis chrysophylloides 67:344;
curvatus 67:344
- Microseris cuspidata 70:50
- Microsperma grandiflora 61:241; lo-
bata 61:231, 237; rudis 61:231, 237
- Microspermum debile 64:272, 273
(fig. 3), 276
- Microspora 63:276; amoena 58:120;
73:64-65, 67; pachyderma 73:66;
quadrata 73:66; stagnorum 67:251;
73:66; tumidula 63:276; willeana
64:55
- Microsporaceae 63:276; 67:251
- Microstylis unifolia 55:82, 141
- Microthamnion kuetsingianum 64:55
- Microthyriaceae 71:197
- Microthyrium epimyces 71:195
- Mikania 69:449; 70:231; 72:4; batati-
folia 57:278, 289; campanulata 70:
236; capricorni 70:236; conferta
70:237; congesta 67:355; cordifolia
69:449; gonzalesii 64:252, 263;
micrantha var. congesta 67:355;
pachylepis 70:237; pubescens 55:
313; scandens 59:264; 64:252; 73:
49
- Milium effusum 52:218-220; 57:302,
305; f. lerchenfeldianum 52:221;
var. cisatlanticum 52:218
- Millettia 51:222
- Mimosa 69:409; 70:126, 128, 287, 492;
72:534; acacioides 70:125-128; bo-
realis 56:208-209; 62:95; ceratonia
69:409; horridula 59:117; intsia
59:116; peregrina 70:331; pigra 67:
332; pudica 69:409
- Mimosaceae 69:395, 408; 70:493
- Mimulus 75:225, 231-232; alatus f.
albiflorus 55:160; 74:386; geyeri
60:43; glabratus var. fremontii 62:
94; var. oklahomensis 62:94; gut-
tatus 60:58; 63:45; 75:225, 226 (fig.
1), 227-229, 230 (fig. 2), 231-237;
luteus var. cupreus 60:86; nasutus
75:225, 226 (fig. 1), 227-229, 230
(fig. 2), 231-237; ringens 51:119;
55:189
- Minuartia arctica 65:216; 71:505; ele-
gans 65:216; macrocarpa 55:247-
249; obtusiloba 71:505; rolfii 60:44-
46; rossii 60:45
- Mirabilis 69:404; albida 63:43, 330,
332; var. lata 63:330; dumetorum
56:25; gigantea 54:127; hirsuta 60:
301, 305; 63:43; 70:33; jalapa 60:
14, 301, 305; 69:404; linearis 60:
301, 305; 63:43; 70:33; longiflora
75:235; nyctaginea 60:301, 305;
69:32; 70:32; 75:161
- Misantheca triandra 67:330
- Miscanthus 65:146; floridulus 58:135;
japonicus 58:135; sacchariflorus 59:
31; 61:248; 65:146-147, 148 (fig. 1);
sinensis 59:28; 61:248
- Mitchella repens 55:192; 67:377; 72:
281, 525; 73:507, 509; 74:437
- Mitella diphylla 57:265; 63:50, 53;
nuda 55:46, 164; 58:310; 63:50, 52;
65:91; 67:92; 70:210; prostrata 63:
50, 53-54
- Mitracarpus hirtus 67:354; villosus
67:354
- Mitreola sessilifolia β angustifolia 72:
28
- Mitropsidium sintenisii 69:375
- Mitrula phalloides 60:207
- Mniaceae 53:124; 62:147, 157
- Mnium 72:276-277; affine 53:124; 62:
157; cinclidioides 53:120, 124; 62:
157; cuspidatum 53:124; 62:157;
hornum 53:124; 58:249; 62:157;
longirostrum 62:170; marginatum
62:158; orthorhynchum 59:26; 62:
157; punctatum 58:249; 62:157;
var. elatum 53:124; 62:157; 64:124;
serratum 62:158; spinulosum 62:
158; stellare 62:158
- Modiola caroliniana 52:170
- Moehringia 52:286; lateriflora 53:157
- Molineria hortensis 69:373
- Molinia caerulea 61:31; 72:7, 510, 531
- Mollugo 69:404; 75:145; verticillata
55:147; 60:66, 301, 304; 63:226; 69:
404
- Moluchia 75:145; pyramidata 67:340;
69:426; tomentosa 67:340; 69:426
- Momisia iguanaea 67:327; 69:400
- Momordica 69:447; charantia 69:447
- Monanthochloë littoralis 75:413
- Monarda 72:502; clinopodia 75:402;
didyma 72:492; fistulosa 57:320;
61:304; var. menthaefolia 69:453;
var. menthifolia 69:453; var. mollis

- 59:40; 61:302-303, 304 (fig. 1); 72:502-503; \times media 61:303; var. rubra 61:304; media 61:302-303, 304 (fig. 1), 305; 71:172; \times medioides 61:303, 304 (fig. 1); menthaefolia 69:453; menthifolia 69:453; punctata subsp. intermedia 52:38; var. intermedia 52:38; stipitatoglandulosa 72:503
- Moneses grandiflora* 51:111; uniflora 51:111; 55:46, 179; 62:261; 65:93; 67:196; 71:171; 72:523; 75:319
- Monniera caroliniana* 61:62
- Monochaetum* 69:175
- Monochoria* 75:428-429; hastata 75:431
- Monodictys bogoriensis* 61:96; nitens 61:101; paradoxa 61:101; putredinis 61:103
- Monolepis nuttalliana* 60:300, 305
- Monolopia* 58:164
- Monostroma* 66:219 (pl. 1298); 75:63; fuscum 72:318, 331; 74:414; f. blyttii 71:119; 72:116; 74:414; grevillei 71:119; 72:116, 318, 331; 74:414; leptodermum 72:116, 318, 321, 331; 74:414; 75:262; oxyspermum 66:233; 71:119, 527; 74:411, 414, 427-428, 482, 485-487; 75:58, 60, 262; pulchrum 66:233; 71:119; 72:116, 318, 332; 74:297, 414; sp. 75:262
- Monostromaceae* 75:262
- Monotropa hypopithys* 55:181; 58:247; 62:261; 65:93; 72:523; 73:302; 75:320; uniflora 55:47, 181; 65:93; 70:485; 75:319
- Monotropsis lehmaniae* 59:259-262; 72:55; odorata 59:259-262; 72:55; 67:394, 396 (fig. 9, map); var. lehmaniae 72:54-55; var. odorata 72:55; reynoldsiae 59:261
- Monstera acuminata* 62:256; deliciosa 62:254-256; friedrichsthali 62:256
- Montanoa affinis* 74:510-511; gracilis 74:510-511; karvinskii 74:510-511; olivae 74:510-511; subtruncata 74:510-511
- Montezuma grandiflora* 69:375; speciosissima 69:375
- Montia fontana* 56:98; lamprosperma 53:1; 56:247; 57:303, 307; 62:108, 113; 66:413, 415-416; 72:517, 530; perfoliata 62:108, 116; sibirica 62:108, 116
- Moraceae* 58:129; 67:327; 69:401; 70:333
- Morinda* 69:445; citrifolia 69:445; 75:421
- Moringa* 69:408; moringa 67:331; 69:408; oleifera 67:331; 69:408; pterygosperma 69:408
- Moringaceae* 67:331; 69:408
- Morisonia* 69:407; americana 69:393, 407
- Morongia portoricensis* 67:332
- Moronobaea* spp. 70:122
- Morus alba* 58:192; rubra 58:129, 133-134
- Mosla dianthera* 75:401
- Mougeotia* 73:67; capucina 64:55; floridana 64:55; genuflexa 64:55; laetevirens 58:120; 64:55; parvula 64:55; reinschii 64:55; robusta 64:55; scalaris 63:278; 64:55; sp. 63:278; 71:456
- Mougeotiopsis calospora* 64:55
- Mouriri* 69:174-175; guianensis 69:173
- Mucor* sp. 73:308
- Mucuna pruriens* 67:335
- Muhlenbergia* 68:99, 263; 72:534; angustata 68:263, 265; arenacea 56:212; arenicola 51:21; 56:209; asperifolia 57:267; 68:264-265; brachyphylla 51:127; capillaris 57:283; curtisetosa 63:25; cuspidata 55:363; 63:137; expansa 71:31; fastigiata 68:264-265; frondosa 60:67; 75:372; f. commutata 55:289; 59:233; glabriflora 51:127; 75:371; glomerata 53:266; 58:278; 59:233; var. cinnoides 53:14, 266; herzogiana 68:264; holwayorum 68:264, 266; ligularia 68:264-265; mexicana 56:245; 57:302, 304; 60:67; f. ambigua 57:311; 63:135; peruviana 68:263-264; phragmitoides 68:266; porteri 52:21, 174; 56:209; quitensis 68:264; racemosa 51:127; 53:267; rigida 68:264, 266; schreberi 60:67; 63:25; curtisetosa 63:25; var. curtisetosa 63:25; sobolifera 63:137; 70:452; var. setigera 68:518; sylvatica 72:79; tenuiflora 63:137; tenuissima 68:263-264; torreyi 51:19; 52:19; 56:207; uniflora 72:511
- Mundulea* 51:222
- Munroa* 68:100, 288; andina 68:288; var. breviseta 68:288; argentina 68:288; decumbens 68:288; squarrosa 51:19
- Murdannia nudiflora* 70:573; spirata 70:571, 572 (pl. 1403), 573
- Murraya* 69:417; exotica 67:336; 69:417
- Musa* 70:413; sapientum 70:416
- Musaceae* 67:324; 70:412, 416
- Muscari ambrosiaceum* 68:458; atlanticum 68:457-458; botryoides 53:81, 88; moschatum 68:457-458; muscari 68:458; muscarimi 68:458; racemosum 53:81, 88; 68:457-458

- Musineon divaricatum* var. *hookeri* 70:49
Mussaënda luteola 69:446
Mycena atkinsoniana 68:182; *citrinmarginata* 71:186 (pl. 1410), 187; *urania* 64:131
Mycosphaerella crepidophora 68:188; *ebulina* 68:188; *linnaeae* 68:187-188, 189 (figs. 5-7); *minor* 68:188
Mylia anomala 67:372; *cuneifolia* 59:253
Mylocarium 56:246
Myoporaceae 66:14; 69:444
Myosotis alpestris subsp. *asiatica* 65:220; *arvensis* 72:524; *macrosperma* 52:171; *scorpioides* 57:315; 72:15; *stricta* 51:108-111; *sylvatica* 62:241; 71:172; 72:524; *verna* 52:171; *versicolor* 60:22
Myosotodon aquaticum 73:19
Myosoton aquaticum 62:109, 115
Myosurus aristatus 63:43; *minimus* 51:31; 63:146
Myrcia 69:431; *berberis* 67:343; *cardiophylla* 60:325; *citrifolia* 67:342; 69:430; *fallax* 67:343; *leptoclada* 67:343; *skeldingi* 60:325; *splendens* 69:431; *uberavensis* 60:325
Myrcianthes 69:431; *dicrana* 72:23; *fragrans* 67:343; 69:431; 72:22-23; var. *fragrans* 72:23; var. *simpsonii* 72:23; *simpsonii* 72:23
Myrciaria 69:431; *floribunda* 67:343; 69:387, 431
Myriandra brachyphylla 54:207; *brathydis* 54:207; *galioides* 54:207; *michauxii* 54:207; *prolificum* 54:206; *spathulata* 54:206
Myrica asplenifolia 55:143; 69:453; *aspleniifolia* 69:453; *cerifera* 51:110; 57:279, 285; 66:159; 71:32; 73:491; *gale* 55:43, 47, 143; 57:113; 58:127, 130, 247; 61:31; 65:273; 66:145; 72:426; 73:105, 257; 75:316; var. *gale* 65:90; var. *subglabra* 58:127, 130; 72:515; *holdridgeana* 67:327; *inodora* 71:32; *pensylvanica* 51:110; 53:3; 58:127, 132; 67:377; 70:443; 71:19-20, 24, 32; 72:515; 73:206; f. *parvifolia* 70:453; f. *pensylvanica* 70:453
Myricaceae 52:293; 55:143; 58:127; 67:327; 71:32, 514; 75:316
Myrionema aecidioides 73:278; *strangulans* 71:125; 72:117, 321, 337; 75:269
Myrionemataceae 71:125; 75:269
Myriophyllum 56:313; *alterniflorum* 55:177; 63:140-141; 73:259; 74:139; var. *americanum* 55:48, 176; *brasiliense* 53:26; 57:315; *exalbescens* 53:20; 54:203; 55:177; 56:213-216, 218-220, 221 (fig. 1, map), 222-224; 59:292; 63:140-143; 70:171, 203; 74:150; 75:395; var. *magdalenense* 63:143; *farwellii* 53:50; 73:259; *heterophyllum* 56:216, 219; 68:425; 74:139; 75:115; *humile* 53:27; 73:259; 74:136; *laxum* 56:215; *magdalenense* 56:215; 63:143; *magdalense* 56:215; 63:143; *pinnatum* 75:115; *spicatum* 56:213-216, 218-220, 221 (fig. 1, map), 222-224; 63:139, 144; subsp. *exalbescens* 56:224; var. *capillaceum* 56:222-223; var. *exalbescens* 56:220, 222; 74:132; *tennellum* 51:111; 57:308; 60:34; 63:140; 67:196, 376; 73:259; *verticillatum* 53:93; 56:219, 223; 63:44, 140; 68:425; var. *intermedium* 56:215; var. *pectinatum* 53:20; 56:216; 67:196; 74:137
Myriotrichia filiformis 71:127; sub-*corymbosa* 75:269
Myriotrichiaceae 75:269
Myristica sebifera 70:152; *theiodora* 70:150, 152
Myristicaceae 70:129, 147
Myrospermum 70:498, 505; sect. *Calusia* 70:505; sect. *Myroxylon* 70:502; *emarginatum* 70:505; *frutescens* 70:501 (fig. 1, map), 505; *pereirae* 70:504; *sonsonatense* 70:504; *toluiferum* 70:503
Myroxylon 70:492-493, 498, 502, 506; *balsamum* 70:502; var. *balsamum* 70:502; var. *pereirae* 70:501 (fig. 1, map), 503; *buxifolium* 67:341; *pachyphyllum* 67:341; *pereirae* 70:504; *peruiferum* 70:502; *schwannekeanum* 67:341; *sonsonatense* 70:504; *toluifera* 70:503; *toluiferum* 70:503
Myrsinaceae 65:20; 67:344; 69:433
Myrsine 69:433; *guianensis* 69:433
Myrtaceae 60:323; 67:342; 69:395, 430-431; 72:22
Myrtus bellonis 69:375
Mytilus 72:199; *edulis* 72:208
Myurella careyana 51:123; 62:161; var. *tenella* 54:156; *julacea* 61:22; 62:161; *sibirica* 62:161
Nageia coriacea 67:356
Naiadaceae 68:216
Naias (see *Najas*)
Najadaceae 55:117; 75:412
Najas flexilis 51:111; 52:52, 286; 54:224; 55:48, 117; 57:303; 61:276-277, 283 (fig. 1, map); 68:217-219; 70:167, 170-171, 203; 73:255; 74:133; *gracillima* 51:109; 53:24; 55:15, 117; 68:217-219; 70:161-162, 163 (fig. 2), 164 (fig. 4), 165 (figs.

- 9-13), 166 (figs. 17, 20-21, 26-27); *graminea* 70:161; *guadalupensis* 57:283; 63:251; 68:217-219; *indica* var. *gracillima* 51:109; *marina* 68:221; 70:167-168, 170-171; 75:412; *minor* 68:217-220; 70:161-162, 163 (fig. 1), 164 (fig. 4), 165 (figs. 5-8), 166 (figs. 14-16, 18-19, 22-25), 167, 168 (map), 169 (fig. 3, map), 170-171; *tenuissima* 70:171-172
- Nama jamaicense* 66:13; 67:348; *parviflorum* 62:216
- Narcissus poeticus* 53:82, 88; *pseudonarcissus* 53:82, 88
- Nardia geoscyphus* 59:253; *lescurei* 59:253-256; *obscura* 59:26
- Nardosmia corymbosa* 70:534; *frigida* 70:534; var. *corymbosa* 70:534; var. *palmata* 70:534; *glacialis* 53:228; *gmelini* 53:228; *palmata* 70:534; *sagittata* 70:534
- Nardus stricta* 56:103; 67:377
- Narenga porphyrocoma* 58:136, 141
- Narukila* 75:427; *cordata* 75:454; var. *lancifolia* 75:454, 462
- Nashia inaguensis* 66:8, 14
- Nassella* 68:98, 269; *asplundii* 68:269; *corniculata* 68:270; *deltoidea* 68:269; *flaccidula* 68:269; var. *humilior* 68:269; *meyeniana* 68:269-270; *pubiflora* 68:269
- Nasturtium arabiforme* 62:16; *brevipes* 63:9; *curvisiliqua* 63:3; *gambelii* 62:13, 15, 19; *mexicanum* 62:12, 16, 18; *microphyllum* 62:15; 64:32, 35, 41; *microtites* 59:71; *montanum* 71:552; *officinale* 63:49, 54; 64:32-33, 38; 69:373; 72:13; var. *micropyllum* 62:15; 63:49, 54; 64:32, 38; var. *siifolium* 63:49, 55; *palustre* var. *brevipes* 63:9; *portoricensis* 63:9; *sinuatum* 63:2; *tanacetifolium* 63:6, 9; var. *insularum* 63:9; *trachycarpum* 63:1-2; *uniseriatum* 64:32, 34, 41
- Naucoria kauffmanii* 68:183
- Navarretia propinqua* 63:44
- Navicula anglica* 64:55; *diaphala* 63:280; sp. 63:280
- Naviculaceae 63:280
- Nazia aliena* 67:318
- Neckera complanata* 62:160; *pennata* 62:160
- Neckeraceae 62:147, 160
- Nectandra* 69:406; *coriacea* 69:406
- Nectria atrofusca* 65:302 (figs. 6-9), 303-305; *fulvida* 65:307-308; *ochroleuca* 65:305; *pallidula* 65:305
- Neltuma juliflora* 69:409
- Nelumbo lutea* 60:116; 62:109, 115; *nucifera* 51:207; 53:26
- Nemalion helminthoides* 72:200, 207, 238; 74:424; *multifidum* 72:208; 75:273
- Nemalionales 71:131, 527; 72:205
- Nemastomataceae 71:135
- Nemexia* 70:53, 56, 58, 247; *biltmoreana* 70:58, 269; *cerulea* 70:249; *ecirrhata* 70:265; *herbacea* 70:249; var. *melica* 70:253; *hugeri* 70:58, 267; *lasioneuron* 70:253; *nigra* 70:249; *tamnifolia* 70:260; *tenuis* 70:253
- Nemochloa millegrana* 67:124
- Nemopantes canadensis* 53:234
- Nemopanthus* 72:426; *mucronata* 63:66, 68, 284; 65:23, 92; 67:373, 402; 72:281, 521
- Nemophila microcalyx* 72:399-400; *triloba* 72:400
- Neocracca heterantha* 51:382; *kuntzei* 51:382
- Neomammillaria nivosa* 67:342; 69:428
- Neomarica bulbosa* 64:308; *martii* 64:309
- Neomirandea allenii* 74:273-274; *angularis* 74:272; *araliaefolia* 74:272; *costaricensis* 74:273; *eximia* 74:274; *sciaphila* 74:272, 274
- Neoparrya* 60:265; *lithophila* 60:265, 269-270
- Neotreleasea brevifolia* 72:265
- Neottia gracilis* 68:462; *lacera* 68:462
- Neovriesia macrostachya* 67:323
- Nepeta cataria* 72:524
- Nephelea mexicana* 73:11; *pubescens* 74:445
- Nephrocytium* 64:58; *agardhianum* 63:277; *ecdysiscepanum* 71:456; *limneticum* 71:452, 453 (fig. 22), 456; *lunatum* 71:452, 453 (fig. 23), 456; *obesum* 73:277
- Nephrodium clypeolulatum* 61:306; *deflexum* 69:5; *invisum* 61:306; 63:34; *jamesonii* 69:6; *leprieurii* 69:6; *macrotis* 69:7; *nemorale* 69:7; *sloanei* 61:306
- Nephrolepis biserrata* 63:32; *davallioides* var. *furcans* 63:82; *exaltata* 57:283; var. *monstruosa* 63:32; *falcata* 63:32; f. *furcans* 63:32
- Nephtytis cravenreuthii* 62:252, 253 (fig. 1), 256
- Neptunia lutea* 57:286
- Nerium* 69:434; *oleander* 69:434
- Neslia paniculata* 52:57; 58:247; 63:49, 54
- Netrium digitus* 58:120; 63:278; 64:55; var. *constrictum* 63:278; *interruptum* 58:120; *naegelii* 63:278; *oblongum* 63:278

- Neurola* 57:4, 43; *arkanzica* 57:44, 46
Neurolaena 64:259; 69:449; *lobata* 64:261 (fig. 30), 269; 69:449
Neuropogon 56:154; *acromelanus* 56:155; *lambii* 56:155; *sulphureus* 56:154-155
Neviusia 53:205; *alabamensis* 53:204, 206; 58:187, 188 (fig.), 189 (fig. 1, map), 190; 66:274; 71:100
Nezera imbricata 65:51, 53
Nicandra 75:333-334
Nicolletia edwardsii 63:123 (fig. 22), 125, 128
Nicotiana 75:517; *glauca* 64:153; 71:548, 551; *tabacum* 69:441; *trigonophylla* 52:20; 56:161
Nidema ottonis 67:326
Niesslia barbicincta 65:302 (figs. 10-12), 305-306; *crucipila* 65:306; *exilis* 65:306; *exosperioides* 65:306; *pussilla* 65:306
Nigella damascena 62:110, 115; 74:143
Nitella 51:15; 64:58; *batrachosperma* 51:16-17; *flexilis* 58:120; 73:65; *gracilis* 51:14-17; f. *brachyphylla* 51:14, 17; *maxceana* 51:16-17, (pl. 1119); *minuta* 51:16; *morongii* 51:13-16, 18, (pl. 1119); *translucens* 51:18
Nitschkea flageoletina 71:195
Nocco mollis 67:355
Nodularia harveyana 67:252; 73:268; 75:292; *spumigena* 67:252
Nolina georgiana 73:498
Nopalea 69:428; *cochenillifera* 69:428
Nostoc commune 58:120; 67:252-253; *linckia* 67:252; *microscopicum* 58:120; *microscopium* 58:120; *muscorum* 64:55; 67:252; *paludosum* 67:252; *parmelioides* 64:358-359; *pruniforme* 58:120; *sphaericum* 58:120; 67:252; *verrucosum* 58:120; 67:252
Nostocaceae 63:281; 67:252; 75:292
Nostocales 71:116
Nostochopsis lobatus 66:163 (fig. 1), 164
Notholaena 72:534; *affinis* 63:81; *angusta* 63:79 (pl. 1257), 80-81; *aurea* 63:82; *brachypus* 63:82-83; *cantangensis* 63:79 (pl. 1257), 81-83; *cubensis* 63:81; *dealbata* 63:85-86; *ekmanii* 63:81; *fendleri* 56:212; *hassleri* 63:82-83; *incana* 62:8; *limitanea* 63:85; *lumholtzii* 70:465; *nivea* 62:8; 63:85; *obducta* 63:87; *peruviana* 63:87; *schaffneri* 63:80-81; *sinuata* 56:208; 63:82; *solitaria* 63:82-83, 84 (pl. 1258); *standleyi* 56:208; *stuebeliana* 63:83, 84 (pl. 1258), 85; *trichomanoides* 67:357
Notoptera tequilana 64:266
Nototriche 69:21
Nowellia curvifolia 53:120; 59:255, 258
Nuphar 52:65; 72:54; 75:65, 67 (fig. 1), 68, 70; *advena* 62:109, 115; 73:258; *luteum* 75:68; *microphyllum* 55:148; 58:76; 61:282; 62:110, 113; 73:257; 75:65-66, 67 (fig. 1), 68, 69 (fig. 2), 70, 71 (fig. 3), 73; f. *microphyllum* 58:76; f. *multi-sepalum* 58:76, 78; *ovatum* 52:65-66, 67, (pl. 1160); 54:127; *puteorum* 52:65-67 (pls. 1159-1160); \times *rubro-discum* 55:48, 149; 58:77; 62:110, 113; 75:66, 67 (fig. 1), 68, 70, 73; *variegatum* 52:67; 53:10; 55:149; 58:77; 60:116; 62:110, 113; 72:517; 73:257; 74:137; 75:66, 67 (fig. 1), 68, 69 (fig. 2), 70
Nuttallia albescens 61:57
Nyctaginaceae 60:301; 67:329; 69:403; 75:415
Nymphaea 52:66; 69:405; *alba* f. *rosea* 74:138-139; *amazonum* 67:330; *ampla* 67:330; 69:405; *flava* 53:25; *jamesoniana* 67:330; 69:373; *odorata* 51:8; 54:135; 55:149; 56:256; 57:267; 60:116; 62:110, 113; 67:330, 373; 71:25; 72:517; 73:258; 74:137-138; f. *rosea* 57:313; f. *rubra* 62:110; 74:138; var. *gigantea* 62:110, 113; 74:138; *pulchella* 67:330; 69:405; *rudgeana* 67:330; *tetragona* 55:149; 62:110, 116; subsp. *leibergii* 53:157; 70:210; *tuberosa* 60:34; 62:110, 115; 65:78; 74:135-139; *zanzibarensis* 69:405
Nymphaeaceae 55:148; 62:109; 67:330; 69:405
Nymphoides 75:70, 73; *aquatica* 64:89; *cordata* 72:524; 73:259; 75:65, 70, 71 (fig. 3), 72 (fig. 4), 73; *lacunosa* 67:376; *peltatum* 52:36; 60:58
Nyssa 61:209; 70:217; *aquatica* 54:258; 55:15; 73:205; *biflora* 61:184, 209, 211; *denticulata* 61:213; *ogeche* 61:209; *sylvatica* 51:105; 55:270; 56:84, 87; 58:39; 61:209-213; 63:65, 68; 65:283; 70:224; 71:33; 72:79, 280-281; var. *biflora* 59:256-258; 61:209; 71:33; var. *caroliniana* 51:116; *uniflora* 61:209, 212-213; *ursina* 61:184
Nyssaceae 71:33

- Oakesia* 54:58; 75:509; *floridana* 65:173; *puberula* 63:36, 39; 65:170; *sessilifolia* 54:63; 65:175; var. *nitida* 63:36, 39; 65:170
Oakesiella 54:58; *floridana* 65:173; *nitida* 63:37, 39; 65:170; *puberula* 63:37, 39; 65:170; *sessilifolia* 65:169, 175
Oaxacania 72:100, 103-104; *malvaefolia* 72:103
Obeliscaria 70:350, 354; *columnaris* 70:369; var. *pulcherrima* 70:376; *peduncularis* 70:364; *pinnata* 70:357; *pulcherrima* 70:376; *tagetes* 70:383
Obelisteca 70:349, 354
Obione 71:580; *muricata* 71:580; *sibirica* 71:580
Obolaria borealis 61:62; *caroliniana* 61:62; *virginica* 61:60, 61 (map 4); 72:551, 552 (figs. 1-2)
Obularia 61:58
Ochnaceae 67:340
Ochromonadaceae 63:280
Ochromonadales 73:287
Ocimum 69:440; *basilicum* 69:440; *micranthum* 69:440
Octotea 69:406; *floribunda* 69:406; *leucoxydon* 69:406
Octadesmia montana 67:326
Odontites serotina 72:286, 525
Odontoschisma elongatum 60:219; *macounii* 60:211, 212 (fig. 1, map), 223; *prostratum* 53:120; 59:253-254; *sphagni* 67:372
Oedogoniaceae 63:276
Oedogonium 71:451, 463; *borisianum* 64:55; *boscii* 63:277; *capillare* 64:55; *crenulatocostatum* 64:55; *gracilius* 63:277; *grande* var. *aequatoriale* 64:55; *hystericinum* 63:277; *laeve* 64:55; *plusiosporum* 64:55; *pringsheimii* 64:55; *reinschii* 63:277; sp. 63:277; 73:65; spp. 71:456; *subsexangulare* 63:277
Oenanthe aquatica 70:171
Oenoplea 70:41; *volubilis* 70:41
Oenothera 51:46, 61; 59:9; 60:37; 70:66; sect. *Onagra* 51:61; *acaulis* 70:42; *alata* 57:290-291; 58:284; 70:43; *albicaulis* 57:291; 70:42; *albivervis* 59:15; *ammophila* 59:16; *ammophiloides* 59:11; var. *flecticaulis* 59:11; var. *laurensis* 59:11; var. *parva* 59:12; *angustissima* 51:65; 59:12; var. *quebecensis* 59:12; *apicaborta* 59:12; *argillicola* 51:61, 70, (pl. 1138); 59:13; *atrovirens* 59:13; var. *ostreae* 59:13; *biennis* 51:61-62, 64, 66-69, (pl. 1137); 52:296; 53:269; 55:176; 57:302; 58:247; 59:16; *cruciata* 51:66; var. 51:63; var. *biennis* 72:522; var. *canescens* 51:63, 69, (pl. 1138); var. *cantabrigiana* 59:16; var. *hirsutissima* 51:63-64, 69, (pl. 1138); 53:269; 55:176; 59:15; var. *leptomeris* 59:16; var. *nutans* 51:63, 65, 69, (pl. 1137); var. *oakesiana* 51:66; var. *vulgaris* 51:62; *biformiflora* 59:12; var. *cruciata* 59:12; *blandina* 60:39; *brevi-capsula* 59:14, 16; *caespitosa* 57:290-291; 58:287-288; 59:100; 63:41; *canescens* 52:170; *canovirens* 51:69, (pl. 1138); 59:14; var. *cymatilis* 59:14; *cantabrigiana* 59:16; *caespitosa* 59:100; 70:42; *cheiranthifolia* 72:372; *cheradolphila* 59:15; *chicaginensis* 59:14; *cleistantha* 59:13; *cockerellii* 59:15; *comosa* 51:62; 59:11; *cruciata* 51:66-68, 70, (pls. 1139, 1141); 56:249; 59:13; var. *sabulonensis* 51:67, 70, (pl. 1142); 59:14; var. *stenopetala* 51:67-68, 70, (pl. 1143); 59:14; *cymatilis* 59:14; *deflexa* 59:13; var. *bracteata* 59:13; *depressa* 59:15; *disjuncta* 59:14; *drummondii* 59:16; *engelmanni* 56:211; *eriensis* 51:63; 59:13; var. *niagarensis* 59:13; var. *repandodentata* 59:13; *flava* 56:212; *flecticaulis* 59:11; *franciscana* 59:16; *fraseri* 51:68; *fruticosa* 71:33; *furca* 59:14; *gauroides* 59:16; var. *brevicapsula* 59:16; *glauca* 51:68-69; *grandiflora* 51:61; 56:249; 59:13; var. *tracyi* 59:13; *grandifolia* 51:62; 59:11; *hazela* 51:62; 59:11; var. *parviflora* 59:11; var. *subterminalis* 59:11; *heribaudii* 59:15; *heterophylla* 59:16; *hewetti* 59:16; *hirsutissima* 59:15; *hookeri* 59:15; var. *angustifolia* 59:15; var. *franciscana* 59:16; var. *grisea* 59:16; var. *hewettii* 59:16; var. *hirsutissima* 59:15; var. *irrigua* 59:15; var. *parviflora* 59:16; var. *simsiana* 59:16; var. *venusta* 59:16; *humifusa* 57:280-281, 287; 59:16; 63:177; *hybrida* 51:68; *insignis* 59:14; *intermedia* 59:11; *irrigua* 59:15; *jamesii* 59:15; *laciniata* 57:287; 59:16; *laevigata* 59:13; var. *rubipunctata* 59:13; var. *scitula* 59:13; var. *similis* 59:13; *lamarckiana* 51:61; 60:37; *lavandulaefolia* 51:20; *leucophylla* 59:12; *litorea* 59:16; *longissima* 59:15; *macbrideae* 59:15; var. *ornata* 59:15; *macrocarpa* 57:290-291; 58:282, 284, 288; 59:100; 70:42-43; var. *incana* 70:43; var. *oklahomensis* 70:43; *macroscelus* 59:15; *macrosiphon* 59:15; *magdalena* 59:12; *missouriensis* 58:284, 287-288; 59:10, 100;

- 70:42; var. *incana* 70:43; *muricata* 51:62, 64, 66; 53:269; 55:176; 59:16; var. *canescens* 59:16; *niagar-ensis* 51:63; 59:13; *nobska* 59:14; *novae-scotiae* 51:62; 59:11; var. *dis-tantifolia* 59:11; var. *intermedia* 59:11; var. *serratifolia* 59:11; *numis-matica* 59:16; *nutans* 51:63; 59:13; *nuttallii* 70:42; *oakesiana* 51:65-66, 68; 59:14; var. *nobska* 59:14; var. *tidestromii* 59:14; *organensis* 59:10, 15; *ornata* 59:15; *ostreae* 59:13; *paralamarkiana* 59:14; *parva* 51:62; 59:12; *parviflora* 51:64-67, 70, (pl. 1139); 55:176; 59:16; 72:522; var. *angustissima* 51:65, 70, (pl. 1139); var. *oakesiana* 51:66, 70, (pls. 1139-1140); *perangusta* 59:14; 60:37-40; var. *rubricalyx* 59:14; 60:38; *perennis* 54:164, 256; 55:176; 65:93; 72:522; 75:319; *pilosella* 69:379; *pratincola* 59:16; var. *numis-matica* 59:16; *procera* 59:15; *pycno-carpa* 59:13; var. *cleistogama* 59:13; var. *parviflora* 59:13; *repando-dentata* 51:63; 59:13; *reynoldsii* 59:16; *rhombifolia* 63:44; *rhombi-petala* 59:16; *robinsonii* 59:14; *royfraseri* 51:62; 59:12; *rubescens* 59:14; *rubricapitata* 59:15; *rude-ralis* 59:16; *sackvillensis* 59:12; var. *albiviridia* 59:12; var. *royfra-seri* 59:12; *scapigera* 70:42; *scitula* 59:13; *serrulata* 57:290; 70:42; *shulliana* 59:14; *simsiana* 59:16; *stenomeres* 59:14; *stenopetala* 51:67-68, 70, (pl. 1143); *strigosa* 51:63; 55:176; 59:14; 63:44; var. *al-binervis* 59:15; var. *cheradophila* 59:15; var. *cockerellii* 59:15; var. *procera* 59:15; var. *subulifera* 59:15; *subterminalis* 59:11; *subulifera* 59:15; *syrticola* 59:16; *tetragona* var. *fraseri* 51:68; f. *hybrida* 51:68; f. *latifolia* 51:68; var. *hybrida* 51:68-69; var. *latifolia* 51:68-69; *tidestromii* 51:66, 70, (pl. 1140); 59:14; *tracyi* 59:13; *venosa* 59:13; *venusta* 59:16; *victorinii* 51:62; 59:12; 60:39; var. *intermedia* 59:12; var. *parviflora* 59:12; var. *undulata* 59:12
- Olacaceae* 66:12; 67:328; 73:50
Olax 71:439, 441
Oldenlandia 63:217; 66:56; subgen. *Orophilum* 63:217; *affinis* 63:220; *angustifolia* 66:57; *benguillensis* 63:218; *boscii* 51:118; 54:251; *calli-trichoides* 63:222; 67:353; *capillipes* 63:222; *corymbosa* 67:352; *crypto-carpa* 63:221; *divaricata* 63:218; *eludens* 63:220; *greenei* 63:222; *herbacea* 67:353; *hymenophylla* 63:221; *juncoides* 63:220; *lancifolia* 67:353; *luzuloides* 63:218; *micrantha* 63:218; *ovata* 63:222; *pringlei* 63:222; *purpurea* 61:167; var. *ciliolata* 61:176; var. *longifolia* 61:195; var. *tenuifolia* 61:190; *sepaneoides* 63:221; *somala* 63:220; *staelioides* 63:220; *umbellata* 63:220; 66:56-57, 58 (pl. 1294); *verticillata* 63:220; *xestosperma* 63:222
- Oleaceae* 52:296; 55:185; 60:327; 64:152; 66:13; 67:345; 69:434; 75:420
Oleandra articulata 63:336, 337 (figs. 1-3), 338; *bradei* 63:336, 337 (fig. 4), 338; *costaricensis* 63:336, 337 (figs. 5-6), 338, 340; *decurrens* 63:336, 337 (fig. 7), 339-340; *guate-malensis* 63:337 (fig. 9), 340; *nodosa* 63:336; var. *caudata* 63:338; *panamensis* 63:337 (fig. 8), 340; *trinitensis* 63:340; var. *subcostari-censis* 63:340
Olmedia 70:121
Olmedioperebia sclerophylla 70:333
Olvesia tomentosa 69:410
Olyra 68:104-105, 343; *buchtienii* 68:343-344; *ciliatifolia* 68:343-344; *ecaudata* 68:343-344; *heliconia* 68:343-344; *latifolia* 68:343-344; *late-ralis* 68:343; *micrantha* 68:343-344
Ombrophytum zamioides 65:9
Omphalia graveolens 62:187-188; *kalchbrenneri* 62:187-188; *luteolila-cina* 68:181; *luteovitellina* 62:190
Omphalina flava 62:190; *oreades* 68:178-179
Omphalophyllum ulvaceus 71:154
Onagra biennis var. *strigosa* 51:63; *oakesiana* 51:66; *ornata* 59:15; *strigosa* 51:63; *subulata* 59:15
Onagraceae 52:296; 55:176; 63:211; 67:343; 69:432; 71:33, 514; 75:319
Oncidium intermedium 67:327; *le-monianum* 67:327
Oncophorus polycarpus 54:157; 62:170; *wahlenbergii* 62:154
Onobrychis sativa 62:293
Onoclea sensibilis 53:20; 55:97; 57:219, 224, 227, 229 (fig. 15), 236, 239; 60:69, 206; 63:40; 65:87, 366; 71:20, 22; 72:508; 73:460; 75:313; *struthiopteris* 51:109
Onopordon acanthium 59:6
Onopordum 51:33
Onosmodium hispidissimum 57:322; *occidentale* 56:208
Onychonema filiforme 63:279
Oöcystaceae 63:277; 67:251
Oöcystis borgei 58:120; 71:456; *crassa* 58:120; 63:277; 67:251; *elliptica* 63:277; 71:456; *lacustris* 71:456;

- parva* 67:251; 71:456; *pusilla* 64:55; *solitaria* 63:277
Operculina tuberosa 67:348
Ophiocytium 64:58; *capitatum* 63:279; 71:463; *cochleare* 58:120; *parvulum* 58:120; 63:279
Ophiodothella vaccinii 64:133 (figs. 1-2), 134
Ophioglossaceae 55:94; 57:236; 67:356
Ophioglossum 53:95; 69:480; *crotalophoroides* 69:480-481; 71:216; *engelmannii* 59:126; 69:480; 71:216; *palmatum* 67:356; *vulgatum* 51:7, 109; 71:216; var. *pseudopodium* 51:7, 10, 109; 54:211; 62:239; 72:3; var. *pycnostichum* 62:239
Ophionectria belanospora 65:308; *cerea* 65:307-308; *everhartii* 65:307-308
Ophrydium 51:4, 32; sp. 51:4, 5 (fig.); *versatile* 51:4
Ophryosporus ovatifolius 74:504-506; *petraeus* 74:504-505; *scabrellus* 74:505
Ophrys corallorhiza 68:460
Oplismenus 68:107-108, 334; *hirtellus* 68:334; *muricatus* 56:33; 58:48, 332; *setarius* 67:318; *zelayensis* 56:33
Opuntia 53:94; 69:428; *antillana* 69:428; *arborescens* 51:19; *austrina* 57:279, 287; *dillenii* 57:287; 67:313; 69:428; *ficus-indica* 57:287; *fragilis* 70:34, 431; *humifusa* 57:320; *imbricata* 56:208; *keyensis* 57:287; *leptocaulis* 52:20; *missouriensis* 70:33; *moniliformis* 69:375; *nashii* 66:6; *phaeacantha* 56:212; *polycantha* 63:41; 70:33; *rafinesquii* 56:274; *repens* 69:428; *rhodantha* 56:212; *rubescens* 69:375, 428; *schweiniiana* 56:212
Orchidaceae 52:41, 248, 293; 53:70, 82; 55:139; 59:242, 280; 62:236; 67:325; 68:460; 70:412, 415; 71:32, 497, 514, 562; 75:316
Orchis blephariglottis 55:11; *leucophaea* 51:23; *orbiculata* 52:64; 55:295; *purpurella* 63:176; *rotundifolia* 52:64; 53:11, 83, 86; 62:174; f. *beckettae* 68:462; f. *beckettii* 68:462; f. *lineata* 68:462; var. *lineata* 62:174; 68:462; *spectabilis* 53:83, 85; 61:269; f. *willeyi* 72:48; *tridentata* 55:11
Oreocarya fulvovanescens 74:83; *multicaulis* 74:83
Oreoweisia serrulata 64:123-124
Origanum vulgare 53:270
Ormosia 70:499, 518, 528; *apulensis* 70:519; *chlorocalyx* 70:519; *contin-*
hoi 70:518; *isthmensis* 70:501 (fig. 1, map), 518-519; *macrocalyx* 70:501 (fig. 1, map), 518-519; *mexicana* 70:516; *schippii* 70:501 (fig. 1, map), 518, 520; *toledoana* 70:519
Ormosiopsis 70:518
Ornithidium coccineum 67:327; *confertum* 67:327
Ornithogalum umbellatum 53:81; 55:11; 60:65
Orobanchaceae trib. *Obolarieae* 61:58
Orobanche multiflora 74:387; *terraenovae* 53:6; *uniflora* 51:111; 53:6; 60:68; 65:76; 72:15; *virginiana* 61:61
Orobuchus diffusus 70:43; *dispar* 70:43; *sericeus* 51:251; *virginianus* 51:292
Orochaenactis thysanocarpha 66:309
Orontium aquaticum 53:79, 87; 68:25, 26 (fig. 1, map); *fossile* 68:28
Orthiopteris domingensis 67:359; *inaequale* 67:358
Orthocarpus luteus 55:362
Orthoclada 68:104-105, 234; *laxa* 68:234
Orthopappus 70:229; *angustifolius* 70:229, 230 (fig. 2), 235
Orthotrichaceae 53:124; 62:147, 158
Orthotrichum anomalum 62:159; *lescurii* 62:159; *microblepharum* 54:158; *obtusifolium* 59:26; 62:159; 64:124; *ohioense* 62:159; *pumilum* 53:124; 62:159; *pusillum* 62:159; *sordidum* 62:159; 64:123, 125; *speciosum* 62:170; *stellatum* 62:148, 159; *strangulatum* 53:124; 62:159; *striatum* 62:170
Oryctes 75:333-334
Oryzopsis 63:285; *asperifolia* 51:109; 55:125; 63:137, 285-286; 72:511; 74:271; *caduca* 59:273; *canadensis* 51:109; 55:125; 72:511; *florulenta* 68:276; *hymenoides* 51:59; 52:21; 56:207; 59:273-276, (pl. 1230); × *Stipa neomexicana* 59:276, (pl. 1230); *melanocarpa* 63:287; *micrantha* 52:166; 56:208; *pungens* 51:109; 55:45-46, 125; 63:286; 74:271; *racemosa* 63:137, 287
Oscillatoria 63:280; 75:60; *acutissima* 67:252; *agardhii* 63:280; 67:252-253; *amoena* 58:120; 67:252; *amphibia* 63:280; 67:252; 73:267; 75:287; *anguina* 68:120; *angusta* 63:280; 67:252-253; *angustissima* 67:252; *articulata* 58:120; 63:280; *brevis* var. *neapolitana* 75:287; *chlorina* 58:120; *cortiana* 64:55; *curviceps* 58:120; 63:280; 64:55; *granulata* 58:121; 71:450; *irrigua* 58:121; *lacustris* 63:280; *laetevirens* 75:287; *limnetica* 67:252-253; 71:450;

- limosa* 58:121; *lutea* 75:288; *margaritifera* 75:288; *nigro-viridis* 75:288; *ornata* 58:121; 64:55; *princeps* 58:121; 75:288; *prolifera* 64:55; *retzii* 75:288; *rubescens* 67:252; *salinarum* 75:288; *sancta* 63:280; *simplicissima* 58:121; *sp.* 63:280; 75:289; *splendida* 58:121; 64:55; 67:252-253; 75:289; *subbrevis* 67:252; *submembranacea* 75:289; *subtilissima* 63:280; *subuliformis* 73:267; 75:289; *tenuis* 63:280; 64:55; 67:252; *var. tergestina* 58:121; *terebriformis* 67:252
Oscillatoriaceae 63:280; 67:252; 71:116; 75:284
Osmanthus americanus 73:495
Osmia borinquense 67:355; *corymbosa* 67:354; 69:448; *geraniifolia* 67:355; *ivaefolia* 67:355; *odorata* 67:354; 69:449; *sinuata* 67:355; 69:449
Osmorhiza chilensis 53:9; *claytoni* 55:48, 177; 73:462; 74:393; *longistylis* 53:9; *var. villicaulis* 66:312; *obtusa* 52:286; 53:7; 55:81, 178
Osmunda 52:246; 75:150; *cinnamomea* 55:47, 95; 57:236; 60:69, 206; 61:223-224, 225 (fig. 1), 228, 230; 64:344; 65:23, 87; 67:402; 71:21-22, 31, 514, 519; 72:281, 508; 75:313; *f. cornucopiaefolia* 69:453; *f. cornucopiifolia* 69:453; *f. frondosa* 61:223, 230; 71:167; *f. latipinnula* 61:223, 225 (fig. 1), 226-230; *var. cinnamomea* 73:105; *var. glandulosa* 61:223; *claytoniana* 55:46, 95; 65:87; 72:3, 282, 508; *var. claytoniana* 73:105; *regalis* 67:373, 402; 72:281; 73:254; *var. spectabilis* 55:95; 57:236; 60:69, 206; 65:23; 71:31; 72:508; *f. nana* 51:103; *spicant* 52:246
Osmundaceae 55:95; 57:236; 71:31; 75:313
Ossaea araneifera 65:20; *domingensis* 69:375; *scalpta* 69:375
Ostrya 72:4; *virginiana* 52:160, 293; 57:131; 58:128, 130; 63:65; 64:333; 69:458; 71:303; 72:2, 515, 554; *var. lasia* 58:128, 133; 66:312
Othera 53:232
Otthia seriata 65:303; *staphylina* 65:303
Otthiella seriata 65:303; *staphylina* 65:303
Ouratea ilicifolia 67:340; *striata* 67:340
Oxalidaceae 52:295; 55:170; 67:335; 69:415; 73:48; 75:319
Oxalis 51:391; 55:355; 69:415; 72:387; *sect. Corniculatae* 67:146, 148, 152; *acetosella* 55:12; 73:105; *barrelieri* 67:335; 72:395; *corniculata* 63:288; 67:146, 147 (fig. 1), 148 (fig. 2), 149 (fig. 3), 150-151, 335; 69:415; 73:48; *corymbosa* 67:335; *dillenii* 57:286; 67:146, 147 (fig. 1), 148 (fig. 2), 149 (fig. 3); 73:495, 508, 510; *var. radicans* 59:267; *europaea f. villicaulis* 60:68; 69:33; *var. europaea* 72:521; *f. cymosa* 72:521; *filipes* 66:379; *grandis* 67:146, 147 (fig. 1), 148 (fig. 2), 149 (fig. 3); *intermedia* 67:335; *martiana* 60:17; *montana* 55:12, 46-47, 170; 63:288; 65:92; 67:377, 387; 72:521; 75:319; *priceae* 67:146, 147 (fig. 1), 148 (fig. 2), 149 (fig. 3), 150-151; *recurva* 59:267; *rugeliana* 69:374; *sanguinolaria* 59:267; *stricta* 52:295; 67:146, 147 (fig. 1), 148 (fig. 2), 149 (fig. 3), 151; *suksdorfii* 67:146, 147 (fig. 1), 148 (fig. 2), 149 (fig. 3); *violacea* 58:318; *f. alba* 52:58
Oxybaphus 51:3; *hirsutus* 51:3; *linearis* 51:3; 61:85; *var. subhispida* 61:85
Oxycoccus microcarpus 59:292; *oxycoccus* 62:262; *palustris* 62:262; *quadripetalus* 59:292; 62:262; 70:206-208
Oxydendrum arboreum 61:25
Oxydenia attenuata 63:26
Oxylobus glanduliferus 64:263
Oxypappus scaber 74:511
Oxypolis filiformis 71:33; 75:420; *rigidior* 72:79; *ternata* 51:138
Oxyria digyna 52:62; 54:51, 222, 278, 282; 55:249; 56:243; 60:298, 302; 68:410, 412 (fig. 4, map), 416; 70:185; *reniformis* 54:51, 278
Oxyrrhynchium hians 62:165
Oxytria crocea 66:380
Oxytropis 52:227, 54:35; *acuminata* 70:44; *foliolosa* 52:286; 67:381; *glutinosa* 65:219; *ixodes* 55:52-53, 82, 170, (pl. 1190); *f. ecaudata* 55:52-53, 82, 170; *johannensis* 53:9; 57:302, 308; 68:414 (fig. 12, map), 417; *lambertii* 70:44; *var. abbreviata* 61:183; *leucantha* 65:219; *maydelliana* 54:280; *nigrescens* 65:219; *subsp. bryophila* 65:219; *subsp. pygmaea* 55:251; 65:219; *subsp. pygmaea* 55:251; 65:219; *splendens* 55:362; 58:323-324; *varians* 53:158; *viscida* 65:219; *viscidula* 65:219
Pachira aquatica 67:340; *insignis* 67:340
Pachyrrhizus erosus 67:335
Pachystachys 69:444; *coccinea* 69:444
Pachystima canbyi 58:92

- Pachythyrium parasitica* 71:194
Paecilomyces sp. 73:308
Paeonia 51:6; *brownii* 54:236; *californica* 54:236
Palafoxia 58:164; 66:67
Palicourea 69:445; *brevithyrsa* 67:353; *crocea* 67:353; 69:445; *domingensis* 69:446; *riparia* 69:445
Pallavicinia lyellii 53:121
Pallaviciniaceae 53:121
Palmaceae 62:236
Palmae 59:242; 65:259; 67:322; 70:414; 75:414
Palmella 64:58; *mucosa* 67:251; *myosurus* 58:119
Palmellaceae 67:252; 71:117
Palmogloea protuberans 58:121
Paltoria 53:232
Panax quinquefolium 54:175; 55:156; 57:131; 71:303; 73:462; 75:167; *trifolium* 67:402; 69:33; 71:171
Pancratium declinatum 67:324
Panctenis 51:84
Pandera pilosa 58:45; *turkestanica* 58:45
Pandorea 69:442; *ricasoliana* 69:442
Pandorina morum 63:276; 64:55; 73:67
Panicum 51:115; 52:45; 53:53; 68:108, 317; 70:221; 72:535; sect. *Lancearia* 75:374; *aciculare* 71:31; 73:111; *adpersum* 57:283; 75:373; *agrostidiforme* 68:443; *agrostoides* 57:284; 68:443; var. *ramosius* 56:158; *albomarginatum* 57:284; 66:380; *amarulum* 57:284; *amarum* 72:5; 75:373; *anceps* 66:380; 68:443; *angustifolium* 67:318; *annulum* 72:6; *aquaticum* 68:318, 320; var. *chloroticum* 68:320; *ashei* 68:441-442; *barbinode* 67:318; *bartowense* 57:284; *boliviense* 68:318, 323; *boreale* 72:511; *caerulescens* 51:127; *calliphyllum* 69:454; *callophyllum* 69:454; *capillare* 56:33; 67:318; 75:136; var. *hirticaule* 56:33; var. *minus* 68:442; var. *occidentale* 56:33; 60:67; 72:511; *cayennense* 68:319-320; *chloroticum* 68:320; *clandestinum* 55:18; 63:135; 72:79; *combsii* 66:381; *commutatum* 60:206; 71:31; var. *ashei* 68:441-442; var. *minor* 68:442; var. *minus* 68:442; *condensum* 66:380; *consanguineum* 57:311; 66:380; *cordovense* 68:318, 327; *cyanescens* 68:319, 325; *depauperatum* var. *involutum* 68:443; var. *psilophyllum* 68:443; *dichotomiflorum* 56:180; 57:284; 63:136; 72:48; var. *dichotomiflorum* 72:48; var. *geniculatum* 71:168; 72:48; var. *puritanorum* 63:135-136; *echinulatum* 68:318, 320; 75:413; var. *boliviense* 68:320; *ensifolium* 66:380; *flexile* 55:225; *frondescens* 68:318, 324; *frumentaceum* 68:441, 446; *fusiforme* 67:318; *giganteum* 68:322; *glaucum* 53:27-30; *glutinotum* 68:319, 325; *gymnocarpon* 54:125; *hallii* 51:20; *hebetes* 68:319, 327; *hemitomon* 66:381; *hians* 51:127; *hillmanii* 56:33; *hirstii* 63:236; *hirticaule* 56:33; 68:319-320; *implicatum* 59:233; *involutum* 68:443; *lancearium* 66:380; *lanuginosum* 71:31; var. *fasciculatum* 60:67; var. *implicatum* 57:321; 60:67; 72:511; var. *septentrionale* 72:511; *laxiflorum* 51:109; 60:206; *laxum* 68:318, 323-324; *leucothrix* 66:380; 71:31; *linearifolium* 55:126; 75:373-374; *longifolium* 72:272; *longiligulatum* 66:380; 71:31; *lutescens* 53:27-28; 68:445-446; *malacophyllum* 75:373; *mattamuskeetense* 72:5-6; *maximum* 68:319, 322; *megiston* 68:318, 328; *melicarium* 66:381; *meridionale* 59:233; *microcarpon* 60:206; 72:6, 79; *miliaceum* 57:267; 59:28; 71:168; 73:104; *muricatum* 56:33; 58:48, 332; 68:440; *mutabile* 73:498, 508, 510; *muticum* 67:318; *nervosum* 68:319, 325; *neuranthum* 57:284; *obtusum* 51:19; *oligosanthes* var. *scribnerianum* 51:107, 109; *olyroides* 68:319, 329; *pantrichum* 68:318, 327; *parvifolium* 68:319, 326; *paucispicatum* 68:318, 328; *peladoense* 68:319, 321; *perlongum* 62:94; *philadelphicum* 56:33; 74:294, 378; *pilcomayense* 56:33; *pilosum* 68:318, 323; *polyanthes* 60:206; *polygonatum* 68:318, 322; *portoricense* 73:498; *procurrens* 68:318, 329; *pulchellum* 68:318, 324; *pungens* 58:48; *quadriglume* 68:317, 319, 321; *ramisetum* 52:166; *repens* 71:31; 73:498; *reverchoni* 56:158; *rigidulum* 68:443; 75:166; *roanokense* 63:236; *rudgei* 68:319, 326; *scabriusculum* 66:380; *sciurotis* 68:319, 327; *scoparium* 66:380; *scribnerianum* 58:318; *sellowii* 68:319, 326; *sphaerocarpon* 71:31; var. *inflatum* 68:519; *spretum* 60:67; 63:235; 72:5; *stoloniferum* 68:318, 324; *stramineum* 68:319, 321; *strigosum* 67:318; *subvillosum* 55:126; 72:511; *texanum* 52:36; 59:28; *trichanthum* 68:319, 325; *tricholaenoides* 68:318, 322; *trifolium* 66:380; 73:111; *utowanaeum* 67:318; *verrucosum* 71:31; *versicolor* 68:320, 328; *villosissimum* 56:32, 82; *virescens* 68:446;

- virgatum* 51:20; 55:362; 56:33, 208; 57:284; 66:380; 70:442; 71:23, 31; 72:5; 74:478, 483 (fig. 1); var. *spissum* 56:246; 73:255; *webberianum* 75:373; *wernerii* 75:373-374; *wrightianum* 51:127; 71:31; *xanthophyllum* 56:246; *yadkinense* 51:127
- Pantoneura angustissima* 66:235-236, 237 (fig. 4), 238, 241-242, 243 (fig. 5), 244 (fig. 6), 245, 247, 249-250, 252; *baerii* 66:221, 223 (pl. 1300), 223, 227, 235-236, 238, 239 (pl. 1301), 240 (fig. 1), 241 (fig. 2), 243 (fig. 5), 244-247, 248 (fig. 7, map), 249-252; 71:153; 72:201, 225, 238; *corymbosa* 66:235, 245; *plocamioides* 66:234-235; *rostrata* 66:235, 245
- Papaver* 54:50; *alaskanum* 65:217; *dubium* 63:47, 55; 66:16; *macounii* 54:279; 65:217; *nudicaule* 54:51, 216, 278, 283; *radicatum* 54:40, 49, 51, 54, 216, 278-279, 283; 55:247, 250; 65:217; *rhoeas* 63:47, 54; *somniferum* 63:47, 54; *walpolei* 72:488
- Papaveraceae* 55:152; 63:47, 211; 69:406; 75:415
- Papilionaceae* 70:496-497; subfam. *Lotoideae* 70:497
- Pappophorum* 68:102, 235; *alopeuroideum* 67:319; *mucronulatum* 68:235; *pappiferum* 67:319; *wrightii* 56:209; 68:235
- Pappothrix* 71:58-59, 61, 74; *cernua* 71:76; *cinerea* 71:90; *quinquefolia* 71:78; *rupestris* 71:82
- Paralabatia portoricensis* 67:345
- Paraleucobryum longifolium* 59:253; 62:154
- Parapholis incurva* 63:176
- Parentucellia latifolia* 54:145
- Pariana* 68:104, 238; *bicolor* 68:239-240; *gracilis* 68:239; *lunata* 68:240; *swallenii* 68:239; *zingiberina* 68:240
- Parietaria floridana* 60:297, 305; *nummularia* 57:285; *pensylvanica* 60:297, 303, 318, 320
- Pariti tiliaceus* 67:340
- Parkinsonia* 69:411; *aculeata* 66:12; 69:411; 73:50
- Parmelia borreri* 60:83; *caperata* 60:83; *conspersa* 60:83; f. *insidiata* 60:83; var. *stenophylla* 60:83; *dubia* 60:83; *perforata* 60:83; *rudecta* 60:83; *saxatilis* 60:83; *subaurifera* 60:83; *sulcata* 60:83
- Parnassia* 75:384; *asarifolia* 67:394, 396 (fig. 5, map); *caroliniana* 65:362; *glauca* 57:114; 63:50-51, 53; *grandifolia* 54:254; 65:361; *kotzebuei* 52:286; 53:14, 16; 55:251; 65:218; *palustris* 53:50; 55:54; var. *neogaea* 55:51, 53, 79, 164; *parviflora* 53:11, 268; 68:414 (fig. 11, map), 417
- Paronychia argyrocoma* var. *albimontana* 55:351; 62:109; 113; *canadensis* 51:108, 110; 62:109, 114; *depressa* 74:380; *fastigiata* 59:33; 62:109, 114; var. *paleacea* 61:26; *jamesii* var. *jamesii* 68:423; var. *praelongifolia* 68:423; *pulvinata* 64:234; *sessiliflora* 51:20, 24; 56:208
- Parosela domingensis* 67:333; 69:373
- Parrya* 54:88; *nudicaulis* 55:232; 65:218; subsp. *interior* 65:218
- Parsonia bustamanta* 71:484
- Parsonia balsamonea* 60:19; *micrantha* 67:342; *parsonia* 67:342; *petiolata* 52:185
- Parthenium* 54:17; 69:449; *argentatum* 54:8; 61:260; *hysterophorus* 65:229, 237; 69:449; 70:232, 239; *tomentosum* 64:265
- Parthenocissus inserta* 55:172, 174; 72:521; *quinquefolia* 57:276-277, 286; 60:68; 72:521; 73:206, 506-507, 509, 511, 513; f. *hirsuta* 52:35; *tricuspidata* 73:80, 211; *vitacea* 55:174
- Paspalum* 51:115, 124; 65:146; 68:94, 105, 305; *bakeri* 75:413; *bifidum* 51:126; 52:254; *blodgettii* 66:369 (fig. 1); 67:318; *boliviense* 68:306, 317; *boscianum* 64:356; 67:318; *buchtienii* 68:307, 310; *bushii* 56:32; *caespitosum* 64:86; 66:369 (fig. 2); *candidum* 68:305, 308; *ceresia* 68:306, 309; *ciliatifolium* 56:32; 57:284; 64:86; 68:444; var. *muhlenbergii* 51:109; 56:32; 60:67; 68:444; var. *stramineum* 56:32; 59:233; *circulare* 56:180; *collinum* 68:308, 315; *conjugatum* 68:307, 313; *conspersum* 68:308, 315; *curtisianum* 66:381; *decumbens* 68:306, 311; *densum* 68:306, 316; *depauperatum* 68:306, 309; *difforme* 71:31; *dilatatum* 56:32; 68:307, 313; *dissectum* 63:236; *distichum* 56:180; 68:307, 311; 74:378; var. *indutum* 56:31; *ekmanianum* 68:307, 316; *erianthum* 68:307, 310; *fimbriatum* 64:85-86; 65:146; 66:369 (fig. 3), 370; *floridanum* 71:31; *fluitans* 51:126; 66:369 (fig. 4), 370; *glabrum* 67:318; *humboldtianum* 68:307, 310; *inaequivalve* 68:306, 313; *inconstans* 68:307, 311; *juergensii* 68:307, 312; *laeve* 57:311; 66:368, 369 (fig. 5), 370; var. *pilosum* 56:158; *laeviglume* 55:289; *laxum* 66:11; 67:318;

- 75:413; *lentiferum* 51:127; 64:356; *leoninum* 67:318; *lepidum* 68:307, 312; *lineispatha* 68:306, 309; *longepedunculatum* 69:453; *longipedunculatum* 69:453; *longipilum* 56:158; 66:380; *malacophyllum* 68:306, 316; *melanospermum* 67:317; 68:307, 314; *membranaceum* 68:309; *millegrana* 68:306, 315; 69:60; *minus* 66:273; 68:94-95, 96 (fig. 1), 306, 314; 75:372; *molle* 66:11; 67:317; 75:413; *muhlenbergii* 68:443; *multicaule* 68:307, 312; *notatum* 68:95, 306, 314; 71:31; *paniculatum* 68:307, 312; *penicillatum* 68:306, 308; *pictum* 68:306, 312; *pilosum* 68:306, 316; *plenipilum* 56:158; *plicatum* 60:11, 30; 68:308, 314; *poiretii* 66:11; 67:318; *polyphyllum* 68:307, 310; *portoricensis* 67:318; *praecox* 51:126; *propinquum* 75:413; *prostratum* 68:306, 308; *pubescens* 56:32; 64:86; 68:443-444; *pubiflorum* var. *glabrum* 54:125; 55:289; var. *pubiflorum* 54:125; *pygmaeum* 68:306, 308; var. *glabrescens* 68:308; *racemosum* 51:126; 52:254; *remotum* 68:307, 316; *rupestre* 67:318; *saccharoides* 68:306, 317; *saugetii* 67:318; **separatum** 56:32; *setaceum* 51:109; 60:206-208; 66:380; var. *longepedunculatum* 69:453; var. *longipedunculatum* 69:453; *simpsoni* 67:318; *stellatum* 68:306, 309; *stramineum* 56:32; 59:233; 60:116; *tripinnatum* 68:303; *urvillei* 56:32; 66:380; 68:307, 314; 71:31; 75:413; *vaginatum* 57:284; 75:372; *virgatum* 68:306, 315
- Passiflora* 69:427; *anadenia* 67:341; *caerulea* 55:8; *cupraea* 73:50; *edulis* 67:341; 72:396; *foetida* 69:427; *incarnata* 65:79; f. *alba* 52:35; *laurifolia* 69:427; *lutea* 51:29; 65:79; 70:47; *multiflora* 69:427; *murucuja* 67:341; *pallida* 67:341; 69:427; *rubra* 69:427; *suberosa* 66:19; 67:341; 69:427; *warei* 66:19
- Passifloraceae* 67:341; 69:427; 73:50
- Pastinaca sativa* 51:8; 55:178
- Patellaria wilsoni* 56:121, 123
- Patrinia* 70:521; *sericea* 70:523
- Pattersonia caroliniensis* 64:90
- Paullinia* 69:422; 70:322; *pinnata* 69:422; *plumieri* 69:422
- Pavia arguta* 59:198; *hybrida* 59:198; *lindleyana* 59:198; *livida* 59:198; *mutabilis* 59:194; *versicolor* 59:198
- Pavonia* 69:424; *fruticosa* 67:339; *paniculata* 67:340; *scabra* 67:340; 69:375; *spicata* 69:375; *spinifex* 69:424
- Paxillus curtisii* 68:183
- Pectis* 52:41; 69:449; *angustifolia* 52:40; *floribunda* 67:355; *linearifolia* 57:289; *linifolia* 69:449; *prostrata* 57:289; *seemannii* 74:511
- Pedaliaceae* 67:352
- Pediastrum* 63:277; *araneosum* 63:277; 71:456; *biradiatum* 63:277; 64:55; var. *longicorne* 63:277; var. *undulatus* 63:277; *boryanum* 64:56; 75:266; var. *longicorne* 64:56; 71:456; *duplex* 63:277; 64:56; 71:456; 75:266; f. *gracillium* 71:457; var. *clathratum* 63:277; 64:56; 71:457; var. *cohaerens* 63:277; var. *gracillimum* 63:277; var. *rotundatum* 64:56; var. *rugulosum* 64:56; *ehrenbergii* 64:56; *obtusum* 63:277; *sculptatum* 63:277; *simplex* 75:266; var. *duodenarium* 71:457; *tetras* 63:277; 64:56; 71:457; var. *tetraodon* 63:277; 64:56; 71:457
- Pedicularis arctica* 65:221; *canadensis* 52:269, 297; 57:319; 64:335; f. *albescens* 54:258; f. *bicolor* 54:258; f. *flava* 54:258; f. *praeclara* 54:258; *capitata* 54:217; 55:251; 65:221; *flammea* 65:221; *furbishiae* 51:8; 53:50; *hirsuta* 54:49, 53, 55, 280, 283; *lanata* 55:252; *lanceolata* 51:117; 54:254; *langsдорffii* 65:221; *nelsonii* 54:217; *oederi* 65:211, 221; *palustris* 53:50; *pennellii* 65:221; *sudetica* subsp. *albolabiata* 65:221; 71:506; subsp. *pacifica* 65:221; *sylvatica* 67:377; *verticillata* 55:252; 65:221
- Pedilanthus* 69:420; *angustifolius* 67:337; 69:420; *latifolius* 67:338; *padifolius* 67:337; 69:420; *tithymaloides* 69:393, 420; subsp. *angustifolius* 69:420; subsp. *padifolius* 69:420; subsp. *parasiticus* 69:420; subsp. *tithymaloides* 69:420; var. *angustifolius* 67:337; var. *padifolius* 67:337; var. *parasiticus* 67:337
- Peirania fitchiana* 62:236; *haitiensis* 62:236; *polyphylla* 67:332
- Pelargonium* 71:441; *hortorum* 71:439, 440 (fig. 1)
- Pelexia adnata* 67:325
- Pellaea* 70:1, 3, 21-22; 72:534; 75:122, 127; sect. *Pellaea* 70:3; *andromedifolia* 62:9; 70:3, 4 (pl. 1371), 5, 6 (fig. 2), 8, 9 (fig. 3), 10, 11 (fig. 4), 12 (fig. 5), 13-14, 15 (fig. 6), 19 (fig. 9, map), 20-22; *atropurpurea* 52:43; 56:208; 57:236; 70:3, 7-8; 74:220-224, 225 (fig. 3,

- map), 228, 229 (figs. 9-11), 230, 231 (fig. 16), 232, 233 (figs. 19-20), 237-240; 75:122-124, 125 (fig. 1), 127-130; *breweri* 62:9; *dealbata* var. *stuebeliana* 63:83, 85; *glabella* 51:148; 57:236; 75:122; var. *glabella* 75:122-124, 126 (fig. 2), 127-130; var. *occidentalis* 75:129; *intermedia* 70:3, 4 (pl. 1371), 7, 11 (fig. 4), 12 (fig. 5), 13-14, 15 (fig. 6), 16, 18 (fig. 8, map), 20, 22; *longimucronata* 74:232; *myrtillifolia* 62:9; 70:11 (fig. 4), 14; *notabilis* 74:220-222, 223 (fig. 2), 224, 225 (figs. 3-4), 229 (fig. 12), 230, 231 (fig. 15), 232, 233 (figs. 21-22), 234, 237-240; *ovata* 70:3, 4 (pl. 1371), 7, 11 (fig. 4), 12 (fig. 5), 15 (fig. 6), 17 (fig. 7, map), 22; 74:240; *rufa* 62:9; 70:11 (fig. 4), 14; *sagittata* 70:3, 8; var. *cordata* 70:8; var. *sagittata* 70:8; *stuebeliana* 63:83; *ternifolia* 63:341; 64:209; 70:3, 11 (fig. 4), 12 (fig. 5), 13, 15 (fig. 6), 16; 74:220, 226, 234, 237, 239; var. *ternifolia* 62:177 (fig. 1), 180, 182, 184; 63:341; 70:3, 22; 74:221, 224, 226 (figs. 5-6), 227 (fig. 7, map), 229 (figs. 13-14), 230, 231 (figs. 17-18), 232, 234, 235 (figs. 23-26), 237-239; var. *wrightiana* 74:221, 224, 226 (fig. 4), 227 (fig. 8, map), 228, 232, 234, 235 (figs. 27-28), 236 (figs. 29-34), 237-239; *truncata* 74:232, 239
- Pellia epiphylla* 53:121; 72:494; *fabroniana* 72:494
- Pelliaceae 53:121
- Peltandra undulata* 74:516-518; *virginica* 53:79, 86, 135; 73:256; 74:516-518; f. *brachyota* 53:79; f. *hastifolia* 53:79; f. *heterophylla* 53:80; f. *latifolia* 53:80
- Peltapteris peltata* 67:356
- Peltigera canina* 60:82
- Peltophorum* 69:411; *dubium* 69:411; *ferrugineum* 67:333; 69:411; *inermis* 67:333; 69:391, 411; *pterocarpum* 69:411
- Penicillium* spp. 73:306-308
- Penium closteroides* 63:278; *digitus* 64:56; *margaritaceum* 58:121; 64:56; *navicula* 63:278; sp. 63:278
- Pennellia longifolia* 62:16, 20; *micrantha* 62:16; *patens* 62:14-16
- Pennisetum* 68:105, 339; *americanum* 53:27; *chilense* 68:340; *ciliare* 58:44; *glaucum* 53:27; 57:284; *latifolium* 68:339, 341; *mutilatum* 68:340-341; *purpureum* 67:319; *sagittatum* 68:341; *setosum* 68:339-340; *tristachyum* 68:340-341; subsp. *bolivense* 68:341; *villosum* 68:339-340
- Penstemon* 61:272; 67:187; *albidum* 70:47; *alluviorum* 63:20; *angustifolium* 70:46; *arkansanus* 60:292; 63:20; 67:187, 188 (fig. 1); *australis* 51:84; 73:496; f. *odontophyllus* 51:84; *bradburyi* 57:293; 58:23, 287-288; 70:46; *brevisepalus* 51:84; f. *heterolasius* 51:84; *brittonorum* 51:84; *caeruleum* 70:46; *calycosus* 67:188 (fig. 1), 189; *canescens* 51:83; *brittonorum* 51:84; f. *brittonorum* 51:84; f. *villicaulis* 51:83; *cristatum* 57:291; 70:46-47; *digitalis* 53:270; 59:6; 67:188 (fig. 1), 189; *dissectus* 56:263; *erianthera* 57:291; 70:46-47; *fendleri* 52:175; *glaber* 70:47; *gracilis* subsp. *gracilis* 67:189; subsp. *wisconsinensis* 67:188 (fig. 1), 189; *grandiflorus* 57:291, 293; 58:23, 287-288; 67:189; 70:46; *harbourii* 67:188 (fig. 1), 189; *hirsutus* 51:111; *laxiflorus* 67:188 (fig. 1), 189; *multicaulis* 67:187; *pachyphyllus* 67:188 (fig. 1); subsp. *pachyphyllus* 67:189; *pallidus* 53:160; 56:40; 58:318; 60:292; 67:188 (fig. 1), 189; *procerus* 73:59; 74:393; *pubescens* 51:111; *teretiflorum* 70:47; *teucroides* 67:188 (fig. 1), 190; *tidestromii* 59:166; *tubaeiflorus* 51:83; 67:188 (fig. 1), 190; 69:453; 71:480; var. *achoreus* 51:83; *tubiflorus* 69:453; 71:480; *wherryi* 67:187
- Pentachaeta* 62:62
- Pentaphiltrum* 60:114; 69:84
- Pentarhaphia albiflora* 67:352
- Pentas lanceolata* 73:47
- Penthoraceae 53:89
- Penthorum* 53:89; *sedoides* 53:89-90; 63:50, 52
- Peperomia* 69:392, 400; *barbata* 61:219; *dendrophila* 67:327; *glabella* 69:400; *humilis* 69:400; *leptostachya* 66:20; *lewisii* 61:218-219; *magnoliaefolia* 69:400; *megapoda* 67:327; *myrtillus* 67:327; *pellucida* 69:400; *rhombea* 67:327; *sintenisii* 67:327; *spathophylla* 61:219; *tenella* 67:327
- Pepo moschata* 67:354
- Percursaria percursa* 71:119; 72:318, 332; 73:269; 74:411, 415, 421, 482, 485; 75:264
- Pereskia* 69:428; *aculeata* 67:341; *grandifolia* 69:428; *pereskia* 67:341
- Perezia* 70:233-234; *cubataensis* 70:233, 240

- Periandra* 51:381; *mediterranea* 63:18; var. *mucronata* 63:17 (fig. 4), 18
Pericome caudata 56:212; 74:109; *glandulosa* 51:20; 52:175; 56:208; 74:109
Periconia sphaerophila 64:134-135
 Peridiniaceae 63:280
Peridinium cinctum 63:280; 64:56; 71:469; *inconspicuum* 71:464 (fig. 32), 465, 469; *limbatum* 71:464 (fig. 33), 465, 469; *willei* 71:464 (fig. 31), 465, 469; *wisconsinense* 71:469
Perilla 75:402
Perityle 58:164; 66:67; 71:58, 60-61, 68, 75; sect. *Laphamia* 71:61, 65, 68, 75, 92; sect. *Pappothrix* 71:58-61, 64-66, 68-75, 77, 79, 88-90; sect. *Perityle* 71:61, 65, 75; *angustifolia* 71:65, 92; *bisetosa* 71:89; *cernua* 71:60-61, 64 (figs. 1-3), 65-66, 67 (fig. 8), 68-71, 72 (fig. 14, map), 73, 75, 76 (fig. 15), 77, 79 (fig. 17, map), 81; *cinerea* 71:60-61, 65-66, 67 (fig. 10), 69-71, 72 (fig. 14, map), 73-75, 79 (fig. 17, map), 90, 91 (fig. 20), 92; *incana* 71:91; *microglossa* 64:258, 269; *palmeri* 64:158; *parryi* 71:65; *quinqueflora* 71:61, 64 (fig. 5), 65-66, 67 (fig. 11), 68-69, 72 (fig. 14, map), 73, 75, 77 (fig. 16), 78, 79 (fig. 17, map), 80-81, 85; *rupestris* 71:60-61, 66, 68-70, 73, 80-81, 85-88; var. *albiflora* 71:63, 64 (fig. 7), 65-66, 67 (fig. 13), 72 (fig. 14, map), 73-75, 79 (fig. 17, map), 81, 84-85, 87 (fig. 19, map), 89; var. *rupestris* 71:62, 64 (fig. 6), 65-66, 67 (fig. 12), 72 (fig. 14, map), 74-75, 79 (fig. 17, map), 81, 82 (fig. 18), 87 (fig. 19, map), 91; sp. 64:158, 159 (fig. 53); *straurophylla* 71:58; *vitreomontana* 71:61, 64 (fig. 4), 65-66, 67 (fig. 9), 71, 72 (fig. 14, map), 73-75, 79 (fig. 17, map), 88-91
Perizoma rhomboidea 52:269; 60:23
Pernettya howellii 75:142
Persea 69:406; *americana* 67:330; 69:406; *borbonia* 66:159; 71:32; *humilis* 65:280; *persea* 67:330; 69:406; *portoricensis* 67:331; *urbani-ana* 67:331
Persicaria acuminata 67:327; *bicornis* 59:265; 75:386; *filiformis* 54:23; *hirsuta* 60:13; *neofiliforme* 54:23; *portoricensis* 67:328; *punctata* 67:328; *segetum* 67:328; *virginiana* 54:21
Perularia flava 51:23
Perymenium 75:173; *asperifolia* 64:266; *chalarolepis* 64:266; *mendezii* 63:128
Petalonia fascia 66:220, 232; 71:127, 132; 72:117, 321, 337; 73:279-281; 74:409, 419-420, 480-481; 75:59, 62, 270; var. *zosterifolia* 71:127; *zosterifolia* 73:279
Petalostemon (see also *Petalostemum*) 75:2; *candidum* 70:47; *carneum* 56:256; *corybosum* 64:90; *foliosus* 69:383; 75:132-133, 134 (fig. 1, map), 135-138; *gattingeri* 69:384; *pinnatum* 64:90; 73:493; *violaceum* 70:47
Petalostemum candidum 57:321; *decumbens* 51:25; *pinnatum* 71:32; *purpureum* 57:321
Petasites 51:98; 70:533, 536, 538; *arcticus* 70:538; *frigidus* 54:40; 65:222; 70:533, 545-547; var. *frigidus* 70:533-535, 539 (fig. 1), 543, 547; var. *nivalis* 70:531-535, 538, 539 (fig. 1), 543-545, 546 (fig. 4, map), 547; var. *palmatus* 70:533-538, 539 (fig. 1), 540-542, 543 (fig. 3), 544-545, 546 (fig. 4, map), 547-548; *glacialis* 53:228; *gmelinii* 53:228; *hybridus* 70:533; *hyperboreus* 70:547; *japonicus* 70:533; subsp. *giganteus* 70:540; *nivalis* 70:547; *palmatus* 51:98; 55:199; 63:45; 70:539 (fig. 1), 542; 72:527; *sagittatus* 55:199; 70:533-538, 539 (fig. 1), 540, 542, 543 (fig. 3), 544-545, 546 (fig. 4, map), 547-548; \times *frigidus* var. *palmatus* 70:539 (fig. 1), 542, 543 (fig. 3), 545; *speciosus* 51:98; 70:537-538, 539 (fig. 1), 543 (fig. 3), 545-546; *tatewakianus* 70:540; *trigonophyllus* 70:535, 548; *vitifolius* 70:533, 535, 538, 539 (fig. 1), 542-545, 547-549; \times *vitifolius* 70:539 (fig. 1), 541 (fig. 2, map), 548; *warrenii* 70:533, 535-538, 539 (fig. 1), 540, 541 (fig. 2, map), 542, 543 (fig. 3), 544-545, 546 (fig. 4, map), 547-548; \times *frigidus* var. *palmatus* 70:539 (fig. 1), 544-545
Peteria 51:222; 58:344; *glandulosa* 58:346-347, 349, 350 (fig. 1, map), 352-353; 59:216; *nevadensis* 58:345, 349; *pinetorum* 58:346, 348-349, 350 (fig. 1, map), 351; *scoparia* 58:344-346, 349, 350 (fig. 1, map), 352; 59:216; var. *glandulosa* 58:345-346, 353; *thompsonae* 58:344-347, 349, 350 (fig. 1, map); 59:216
Petesiodes pendulum 67:344; *yunquense* 67:344
Petiveria 69:404; *alliacea* 69:404
Petraea 69:439; *volubilis* 69:439

- Petrea kohautiana* 67:350
Petrocelis middendorffii 72:117, 199, 201, 214, 231-232, 238, 324, 334; 74:424
Petroderma maculiforme 73:278
Petroselinum crispum 67:344; 69:433
Petunia axillaris 59:30
Peucedanum palustre 61:181; 73:460-461
Peyssonelia rosenvingii 71:154; 72:117, 201, 208, 238, 324, 334; 74:424
 Pezizales 71:201
Phaca 69:50; sect. *Polares* 75:305
Phacelia 61:272; 66:359; 70:398; subgen. *Cosmanthus* 66:359; 70:398; *bipinnatifida* 66:359; *californica* 62:209; *constancei* 74:451-452, 453 (fig. 1), 454 (map 1); *corrugata* 74:456, 459, 468; *crenulata* 74:451; var. *ambigua* 73:79; *dubia* 65:273; 66:359-360, 362, 363 (fig. 1k), 364, 366; 70:397 (fig. 3, map), 398-399, 405; var. *georgiana* 70:397 (fig. 3, map), 398-399, 405; *fimbriata* 66:359-360, 362, 363 (fig. 1f), 364, 366; *franklinii* 55:53, 77, 186; 62:205-208, 209 (fig. 1), 210 (fig. 2), 211, 212 (fig. 3), 214, 215 (fig. 4, map); 66:367; *gilioides* 66:359-360, 362, 363 (fig. 1d), 364-367; 67:42-43, 44 (fig. 1), 45, 46 (fig. 2, map), 47; *hirsuta* 67:42-47; *glabra* 66:359; *hirsuta* 66:359-360, 362, 363 (fig. 1c), 364-367; 67:42-43, 44 (fig. 1), 45, 46 (fig. 2, map), 47; *howelliana* 74:456, 460 (fig. 3), 461 (map 3); *idahoensis* 62:205-207, 208 (fig. 1), 209, 210 (fig. 2), 211, 212 (fig. 3), 213-218, 219 (fig. 5, map), 220-222; *integrifolia* 74:464; *laxa* 66:359-360, 362, 363 (fig. 1e), 364-366; *lenta* 62:205-207, 208 (fig. 1), 209, 210 (fig. 2), 211, 212 (fig. 3), 213-214, 215 (fig. 4, map), 216; *linearis* 62:206-207, 208 (fig. 1), 209, 210 (fig. 2), 211, 212 (fig. 3), 213-215; 66:367; *lyallii* 62:205-207, 208 (fig. 1), 209, 210 (fig. 2), 211, 212 (fig. 3), 213-214, 215 (fig. 4, map), 216; *maculata* 66:359-360, 362, 363 (fig. 1j), 364, 366; 70:394, 397 (fig. 4, map), 398-399, 405; *magellanica* 62:211; *mollis* 62:205-207, 208 (fig. 1), 209, 210 (fig. 2), 211, 212 (fig. 3), 213-214, 215 (fig. 4 map), 216-218; *palmeri* 74:451; *patuliflora* 66:359-360, 362, 363 (fig. 1a), 364-366; 67:139, 140 (fig. 1), 141 (fig. 2), 142 (fig. 3, map), 143-144; var. *patuliflora* 66:364-365; 67:139; var. *teucrifolia* 66:364; *pinnatifida* 74:464; *platycarpa* 66:359-360, 362, 363 (fig. 1h), 364, 366; *procera* 62:206-207, 208 (fig. 1), 209, 210 (fig. 2), 211, 212 (fig. 3); *pulcherrima* 66:359-360; *purshii* 66:359-362, 363 (fig. 1g), 364-367; *rafaelensis* 74:454, 456, 457 (fig. 2), 458 (map 2); *ramosissima* 62:216; *ranunculacea* 55:291; 66:359; *sericea* 62:205-206, 209, 211, 214, 216, 219 (fig. 5, map), 220; 67:47; subsp. *ciliosa* 62:212, 214, 219 (fig. 5, map), 221; subsp. *eusericea* var. *biennis* 62:221; var. *caespitosa* 62:220; var. *nelsoni* 62:221; subsp. *idahoensis* 62:218; subsp. *lyallii* 62:216; subsp. *sericea* 62:208 (fig. 1), 210 (fig. 2), 212 (fig. 3), 213-214, 217, 219 (fig. 5, map), 220-221; var. *ciliosa* 62:221; var. *lyallii* 62:216; *strictiflora* 62:209; 66:359-360, 362, 363 (fig. 1b), 364-366; 67:139, 140 (fig. 1), 141 (fig. 2), 142 (fig. 3, map), 143-144; var. *lundelliana* 66:364-365; 67:139; var. *robbinsii* 66:364; f. *albiflora* 56:160; *utahensis* 74:454, 456-458; *vossii* 74:462, 463 (fig. 4), 464 (map 4); *welshii* 74:465, 466 (fig. 5), 467 (map 5), 468
Phacus *helikoides* 69:55, 56 (figs. 2-3); *longicauda* 64:56; 69:55, 56 (fig. 4); *pyrum* 69:55; sp. 63:280
Phaeocollybia *christinae* 65:297; *jennyae* 65:297; *kauffmanii* 68:183-184; *laterarius* 65:300; *rufipes* 65:297, 298 (pl. 1292), 300
 Phaeophyceae 71:122; 72:116, 336; 74:266, 411, 416, 433; 75:54, 58-59
 Phaeophycophyta 75:268, 294
 Phaeophyta 66:230; 71:122, 528; 72:319; 73:277; 74:297
Phaeosphaerion persicariaefolius 67:323
Phaeostoma juniperina 64:136; *lagenarium* 64:136; *sphaerophila* 64:126, 133 (figs. 3-5), 134-136
 Phaeothamniales 73:288
Phalangium esculentum 57:291; 58:284, 287; 70:44-45; *quamash* 58:284, 287; 70:44-45
Phalaris 68:100, 289; *angusta* 68:289; *arundinacea* 55:125, 289; 57:315; 68:444; f. *picta* 68:444-445; f. *variegata* 68:444-445; *canariensis* 56:180; 59:278; 60:12; 68:289; 71:168; *hispida* 73:40-41; *pubescens* 58:96
Phania dissecta 69:352-353; *urenaefolia* 69:360; *urenifolia* 69:360
Pharus 68:98, 290; *glaber* 68:290; *latifolius* 68:290; *parvifolius* 68:290-291
Phasium cuspidatum 62:154

- Phaseolus 69:414; 70:492; *coccineus* 67:335; *lathyroides* 67:335; 69:414; *lunatus* 69:414; *multiflorus* 67:335; *peduncularis* 67:335; *reniformis* 64:62; *schotti* 67:335; *sinuatus* 73:493; *trichocarpus* 67:335; *vulgaris* 69:415
- Phegopteris *delicatula* 61:306; *germaniana* 61:306; *hydrophila* 61:306; *laevigata* 69:6; *membranacea* 69:7; *mollis* 69:7; *rustica* 61:306
- Phellodendron *japonicum* 58:43
- Phialanthus *grandifolius* 67:353; *myrtilloides* 67:353
- Philactis *liebmanii* 75:206; *nelsonii* 64:254, 265
- Philadelphus 51:6; *coronarius* 63:50, 55; *inodorus* 52:295; 63:50, 54; *pubescens* 63:50, 55
- Philibertia 51:58
- Philodendron 66:118; *andreanum* 62:252, 256; *auriculatum* 62:256; *bipanifolia* 62:255-256; *bipinnatifidum* 70:417; *cordatum variegatum* 62:256; *craspedodromum* 66:118, 119 (figs. 1-9), 120, 122; *dyscarpium* 66:122, 126; *florida compacta* 62:256; *gloriosum* 62:252, 256; *haematinum* 66:120, 121 (figs. 1-10), 122, 123 (pl. 1294), 126; *hederaceum* 67:322; *krebsii* 70:417; *lacineatum* 62:256; *nechodomi* 67:323; *oxycardium* 62:256; 67:323; *remifolium* 66:120, 122, 124, 125 (figs. 1-11), 126; *scandens* 67:323; spp. 69:392
- Philodice *hoffmanseggi* 73:159
- Philonotis 53:117; *fontana* 62:158; *longiseta* 53:119; f. *polygama* 53:119, 124; *marchica* 53:124; *muhlenbergii* 53:118, 124; 62:170
- Philostemon *radicans* 73:190
- Philotria 67:170; *angustifolia* 67:170; *canadensis* 67:12, 28, 170; *densa* 67:157, 170; *granatensis* 67:170; *guyannensis* 67:170; *iowensis* 67:12, 170; *linearis* 67:29, 31, 170; *minor* 67:6, 169-170; *nuttallii* 67:6, 11-12, 170; *occidentalis* 67:6, 170; *orinocensis* 67:170; *planchonii* 67:12, 170
- Philoxerus 69:403; *vermicularis* 57:285; 69:403
- Phippsia 54:142-145; *algida* 54:40-41, 141
- Phlea *tenuifolia* 56:257
- Phlebodium *aureum* 57:276-277, 283
- Phlebotaenia *corvelli* 67:336
- Phleum *alpinum* 68:413 (fig. 8, map), 417; *arenarium* 62:263; *pratense* 55:125; 60:65; 64:345; 65:89; 71:519; 72:511; 75:315; f. *viviparum* 67:195; var. *nodosum* 68:516; *subulatum* 62:263
- Phlox 51:77, 367; 72:54; 75:400; *alaskensis* 54:38-39; *alba* 51:81; *alyssifolia* 74:393; *aspera* 73:576; *bifida* 51:78-79; *stellaria* 51:78; var. *cedaria* 51:78-80; 62:241; var. *stellaria* 51:80; *borealis* 65:220; *brittonii* 51:78; *caespitosa* 54:39; *carolina* 71:33; *divaricata* 51:80; 54:27; 71:303; 75:397; *candida* 51:81; f. *albiflora* 51:81; f. *coulteri* 51:80; var. *laphamii* 51:80; 66:312; f. *bicolor* 52:58; f. *candida* 57:316; *drummondii* 60:21; 70:223; *floridana* 73:496; *gracilis* 60:41; *longipilosa* 73:576-577; *maculata* 51:81; 54:254; β *candida* 51:82; f. *immaculata* 51:81; var. *candida* 51:81; var. *purpurea* f. *candida* 51:82; var. *pyramidalis* 51:82; var. *b. suaveolens* 51:81; *nivalis* 51:78; 73:496; f. *roseiflora* 51:78; *pilosa* 60:206; 66:379; 71:33; subsp. *latisepala* 73:576; var. *ozarkana* 75:400; var. *pilosa* 73:576; *pyramidalis* 51:82; *richardsonii* 54:39; *sibirica* 54:39; subsp. *borealis* 65:220; *stellaria* 51:78-80; var. *cedaria* 51:79; var. *b. cedaria* 51:78-79; *suaveolens* 51:81-82; *subulata* 51:367; var. *australis* 51:78; var. *brittonii* 51:78; f. *australis* 51:78; *variabilis* 54:39
- Phoebe *elongata* 67:331; *montana* 67:331
- Phoenix *dactylifera* 75:414
- Phomopsis sp. 73:307-308
- Phoradendron 51:105-106; *berterianum* 67:328; *bolleanum* 64:149, 151; *dichotomum* 67:328; *flavescens* 51:105-106; 65:190; *juniperinus* 74:83; *rubrum* 65:190-191; *serotinum* 65:190
- Phormidium *autumnale* 58:117; *inundatum* 58:121; 63:281; *minnesotense* 67:252-253; *nareanum* 64:56; *persicinum* 75:289; *purpurascens* 58:117, 121; *retzii* 58:121; 63:281; 75:289; *setchellianum* 58:117; *submembranaceum* 75:289; *uncinatum* 58:117; 75:289; *valderianum* 58:121; *weissi* 75:289
- Photinia *villosa* 59:19
- Phragmites 68:100, 231; *communis* 54:137; 55:121; 56:180; 64:358; 67:319; 68:231; 70:442-443; 71:19, 23; 72:546; 73:105; var. *berlandieri* 52:255; 53:20; 54:135-136; 59:240, 265; 65:77; *phragmites* 67:319
- Phryganocydia 69:442; *corymbosa* 69:442
- Phryma *leptostachya* 52:270; 74:292; var. *confertifolia* 52:270

- Phthirusa bicolor* 67:328; *caribaea* 67:328; 69:401; *purpurea* 67:328; *sintenisii* 67:328
- Phycodrys rubens* 66:227; 71:137; 72:117, 200, 225, 232-233, 238, 324, 334; 73:285; 74:270, 424, 477
- Phycolapathum crispatum* 73:295
- Phyla nodiflora* 64:91; 67:349; var. *reptans* 67:349; *scaberrima* 67:349; *stoechadifolia* 67:349; *strigulosa* f. *parvifolia* 67:349
- Phyllachora episphaeria* 71:193
- Phyllanthus* 69:420; *abnormis* 57:286; *acidus* 67:337; 69:420; *amarus* 69:421; *caroliniensis* subsp. *saxicola* 73:49; *diffusus* 67:337; *epiphyllanthus* 67:337; 73:49; *juglandifolius* 67:337; *lathyroides* 67:337; *niruri* 60:18; 65:196; 67:337; 69:421; *nobilis* 69:420; *pentaphyllus* 60:18, 30; 65:196; subsp. *pentaphyllus* 67:337; subsp. *polycladus* 67:337; *platylepsis* 65:198; *polycladus* 67:337; *polygonoides* 65:198; *pruinus* 73:49; *stipulatus* 67:337; *tenellus* 69:374; *urinaria* 67:337
- Phylleutypa wittrockii* 65:302 (fig. 13), 306
- Phyllitis scolopendrium* 57:237; var. *americana* 52:42; 57:221, 237
- Phyllodoce caerulea* 55:295; 56:243, 249; 62:261; 67:380; 68:412 (fig. 5, map), 416; 71:506
- Phyllophora brodiaei* 66:222 (pl. 1300), 223, 227; 71:135; 72:200, 216, 231, 238, 326; 74:269, 424; *membranifolia* 71:135; 72:200-201, 217, 233, 238, 326; 74:424; spp. 72:211, 230; *traillii* 72:201, 217, 238
- Phyllophoraceae* 71:135; 72:216; 74:269
- Phymatolithon compactum* 71:133; 72:210; 74:422; *laevigatum* 66:227; 71:154; 74:424, 427; *lenormandi* 71:154; 72:117, 211, 238; 74:425; *rugulosum* 71:133
- Phymosia* 69:21
- Physaliastrum* 75:331-335, 336 (fig. 1); *japonicum* 75:364; *savatieri* 75:364
- Physalis* 51:83; 69:82-84, 100, 203, 224, 319, 327, 441; 70:408, 574; 75:146-149, 331-334, 336 (fig. 1); *acuminata* 69:105-106; *acutifolia* 69:83, 91, 223-224; *aequata* 60:160; 69:213; *aggregata* 69:86, 88, 108; *alkekengi* 60:107, 111, 128, 133; 62:121; 69:219; *ambigua* 60:140; *amica* 69:85, 96; *amhitrica* 69:85-86, 97; *ampla* 69:91, 219; *angulata* 60:111, 162; 69:90-91, 216-217, 219, 222, 327, 441; f. *ramosissima* 69:218; var. *angulata* 60:112, 132, 162-163; 69:18; var. *capsicifolia* 69:218; var. *lanceifolia* 60:112, 132, 163; 69:216, 219; var. *linkiana* 60:162; var. *pendula* 60:112, 132, 163; var. *ramosissima* 69:218; *angustifolia* 60:108-109, 129, 137; 62:117; *angustior* 69:86, 88-89, 114; *angustiloba* 69:94, 320; *angustiphysa* 69:92, 228; *arborescens* 69:83, 85, 95; *arenicola* 60:109, 139; var. *arenicola* 60:129, 139; var. *ciliosa* 60:129, 139; *barbadensis* 51:82; 60:164; 69:321; *obscura* 51:82; var. *glabra* 51:82; 60:165; var. *obscura* 51:82; 60:165; *calidaria* 69:85, 97; *campanula* 69:86, 100; *campanulata* 69:203-204; *capsicifolia* 69:218; *cardiophylla* 60:159; 69:209; *carnosa* 69:95, 238; *carpenteri* 60:128, 171; *caudella* 60:108, 112, 139, 158; 69:87, 89, 117, 119; var. *caudella* 69:118-119; var. *parva* 69:118-119; *chenopodifolia* 69:83, 90, 93, 107, 109-110, 213; var. *chenopodifolia* 69:109; f. *immaculata* 69:110; var. *exigua* 69:110; var. *glandulosa* 69:111; var. *viridis* 69:110; *chimalteca* 69:83, 86, 98; *ciliosa* 60:108, 139; *cinerascens* 69:102; *cinerea* 69:86, 102; *clarionensis* 69:94, 326-327; 70:410; *comata* 52:171; 60:108, 157; *constricta* 69:86, 99; *cordata* 69:82, 94, 235-236, 322-323; 70:410, 575; *coztomatl* 69:83; *crassifolia* 60:107, 109, 111-112, 159, 170; 69:91, 206-209, 212; var. *cardiophylla* 60:159; 69:209; var. *crassifolia* 60:132, 159; 69:207-208, 210; f. *crassifolia* 69:209; f. *muriculata* 69:209; subvar. *amplifoliata* 69:209-210; subvar. *crassifolia* 69:209-210; var. *infundibularis* 69:207-208, 211; var. *versicolor* 60:112, 132, 160; 69:206-207, 210, 212; *curassavica* 69:102; var. *integrifolia* 69:102; var. *sinuato-dentata* 69:104; *dentata* 69:83, 224; *dubia* 69:217; *eggersii* 69:224-225; *elliottii* 57:279, 288; 60:134; *eximia* 69:83, 100-101, 227; *fendleri* 51:59; 52:171; 60:108, 158; 69:206; 74:83; var. *cordifolia* 60:158; 69:206; *filipendula* 69:207-208, 210; *flava* 69:207-208, 211; *floridana* 60:108, 164; 69:323; *foetens* 69:93-94, 319-320; var. *neomexicana* 60:133, 168; 69:320; *francheti* 60:133; *fuscomaculata* 60:134; *galapagoensis* 70:409-410; *galeottiana* 69:113; *galeottii* 69:113; *genucaulis* 60:108, 160; 69:210; *glabra* 69:91, 113, 206-207, 212; *glutinosa* 69:82-83, 86, 100, 102,

- 227; var. **eximia** 69:101; var. **glutinosa** 69:101; **gracilis** 69:87, 111, 113; **grandiflora** 51:82; 55:189; **greenii** 60:133, 170; 69:206-207; **greenmanii** 69:91, 226; **halicacabum** 69:219; **hastata** 69:206; **hastatula** 69:90, 111; **hederaefolia** 52:171; 60:108-109, 111-112, 156; 69:88, 204, 207; var. **comata** 52:171; 60:131, 157; var. **cordifolia** 60:131, 158; 69:204, 206; var. **fendleri** 60:111; var. **hederaefolia** 60:131, 156; 67:194; 69:205; 70:574; var. **puberula** 60:156; 69:116, 205; 70:574; **heterophylla** 51:111; 60:68, 107-111, 140-141, 155; 62:119; var. **ambigua** 60:140; var. **clavipes** 60:130, 141; var. **heterophylla** 60:130, 140; var. **umbrosa** 60:140; var. **villosa** 60:130, 141; **hintonii** 69:91, 226; **hirsuta** 69:323; var. **barbadensis** 69:321; var. **integrifolia** 60:166; var. **repanodentata** 60:165; **hylophila** 69:94, 325-326; **ignota** 69:93, 238, 322; **ingrata** 69:87, 107; **ixocarpa** 59:182; 60:108, 112-113, 128, 131, 160; 69:213, 327; **jaliscensis** 69:92, 231; **laevigata** 69:213-214; **lagascae** 69:91, 217, 220-222; var. **glabrescens** 69:221, 225; var. **lagascae** 69:220-221; **lanceifolia** 60:107, 163; 69:219; **lanceolata** 60:107-108, 141, 155; var. **hirta** 60:138; var. **laevigata** 60:154; 69:87, 117; var. **longifolia** 60:154; var. **spathulaefolia** 60:135; **latifolia** 60:141; 69:113; **latiphysa** 60:133, 169; 69:93, 238; **leptophylla** 69:94, 324-326; **lignescens** 69:92, 231; **linkiana** 60:107, 162; 69:217; **lobata** 52:36; 60:110-111, 113, 128, 171; 69:86, 225-226; 75:333, 364; f. **albiflora** 60:171; **longicaulis** 69:87, 212; **longifolia** 60:108, 112, 154; 69:119; 75:402; var. **hispida** 62:131; var. **subglabrata** 62:131; f. **macrophysa** 62:131; **longipedicellata** 69:93, 230; **luteoanthera** 69:86, 113; **macrophysa** 59:8; 60:108, 112, 153; 62:118-121, 131; **maritima** 60:133-134; **maxima** 69:82, 93, 232-233; **mayana** 69:83, 95-96; **mcvaughii** 69:89, 104; **melanocystis** 69:85, 98; var. **cernua** 69:85, 99; var. **melanocystis** 69:99; **michoacanensis** 69:90, 215; **micrantha** 69:220; **microcarpa** 69:91, 222; **microphysa** 69:88, 203-204; **mimulus** 69:90, 95, 211; **minima** 69:221-222; **minimaculata** 69:89, 219; **minuta** 69:95, 327; **missouriensis** 60:108, 111, 133, 169-170; 70:575; **mollis** 60:108, 135; 62:117-121; var. **cinerascens** 52:171; 60:136; 69:102; var. **parvifolia** 60:136; 69:102; **monticola** 60:108, 142; **muelleri** 69:88, 115; **muriculata** 60:159; 69:209; **neomexicana** 60:108, 168-169; 69:320; **nicandroides** 69:93, 233-234; var. **attenuata** 69:232, 235; var. **nicandroides** 69:234; **nyctaginea** 60:108, 140; **obscura** 51:82; 60:165; var. α **glabra** 51:82; var. β **viscido-pubescens** 51:82; var. **glabra** 60:107, 165; 69:236, 323; var. **viscidopubescens** 60:107, 164; 69:236, 323; **orizabae** 69:83, 89, 106, 111; **palmeri** 60:156; 69:205; **parvianthera** 69:90, 204; **parviculea** 69:220-221; **pedunculata** 60:170; 69:206-207; **pendula** 60:108, 163; 74:150; **pennellii** 69:89, 116-117; **pensylvanica** 60:107, 136; 69:102; var. **cinerascens** 60:136; 69:102; **pentagona** 69:238-239; **peruviana** 60:107-108, 130, 141; 69:83, 113-114; var. **latifolia** 60:141; 69:113; **philadelphica** 69:87, 89-91, 113, 213, 218, 327; var. **immaculata** 69:215; 70:574; var. **minor** 69:213; var. **parviflora** 69:215; var. **philadelphica** 69:214; f. **philadelphica** 69:214-215; f. **pilosa** 69:214; **philippensis** 69:87, 92, 117; **polyphylla** 60:108, 156; **porphyrophysa** 69:85, 96; **porrecta** 69:94, 237-238, 322; 70:410; **pringlei** 69:91-92, 227; var. **curtiloba** 69:228; var. **pringlei** 69:228; **pruinosa** 60:167; **puberula** 69:107, 109-110; **pubescens** 57:288; 60:111-112, 164, 166, 170; 69:94, 221-222, 236, 322-323, 325, 441; 70:575; var. **glabra** 60:132, 165; 69:236, 323; 70:575; var. **grisea** 60:132, 167; 65:78; var. **integrifolia** 60:132, 166; var. **minutiflora** 69:323-324; var. **missouriensis** 70:575; var. **pubescens** 60:132, 164; 70:575-576; **pumila** 60:108, 129, 138; var. **sonorae** 60:154; 69:119; **purpurea** 69:91, 211; **ramosissima** 69:218; **rigida** 60:108, 154; 69:119; **rotundata** 60:108, 157; **rydbergii** 69:88, 90, 212; **rzedowski** 69:230; **sabeana** 60:171; 69:225; **saltillensis** 69:102-103; **sancti-josephi** 69:86, 89, 114; **schiedeana** 69:111-112; **similas** 74:83; **sinensis** 75:364; **sinuata** 60:108, 140; **sonorensis** 69:208, 210; **sordida** 69:89-90, 115, 117; sp. 51:59; **stapelioides** 69:86, 105; **subglabrata** 55:225; 60:108, 152; 62:131; 75:402; **subintegra** 69:106-107; **subrepens** 69:92, 229-230; **subulata** 69:93, 319-320; var. **neomexicana** 69:320; var. **subulata** 69:

- 320; *sulphurea* 69:91, 224-225; *tehuacanensis* 69:87, 203; *texana* 60:153; *turbinata* 60:164-165; 69:92, 94, 236, 321-322, 441; 70:575; *turbinatoides* 69:94, 321; *vario-vestita* 60:129, 137-138; 62:117-118, 120; *versicolor* 60:108, 160; 69:208, 210; var. *microphylla* 69:208, 210; *vestita* 69:92, 236; *villosa* 69:323; *virginiana* 51:111; 60:107, 109, 111, 141-142, 155; 62:118-119; 69:87, 89-90, 118, 209, 213; f. *macrophyssa* 60:153; 62:118; 69:209; var. *ambigua* 60:140; var. *campaniforma* 60:130, 156; var. *hispida* 60:130, 154; 62:131; var. *intermedia* 60:142; var. *longiseta* 69:119-120; var. *nana* 69:119; var. *polyphylla* 60:131, 156; 69:118; var. *sonorae* 60:111-112, 131, 154; 69:119; var. *subglabrata* 60:111-112, 152, 160; 69:213; f. *macrophyssa* 60:130; f. *subglabrata* 60:130; var. *texana* 60:131, 153; var. *virginiana* 60:111-112, 130, 142; *viridoflava* 69:92, 230; *viscido-pubescentis* 60:164; 69:323; *viscosa* 60:107, 111-112, 133, 136-137; 62:117; 69:83, 86, 102; f. *elliottii* 60:134; f. *latifolia* 60:134; subsp. *maritima* 60:134; subsp. *mollis* 60:135; 62:117-118; subsp. *viscosa* 60:133; var. *cinerascens* 60:110, 129, 136, 138; 69:102, 104; var. *elliottii* 60:134; f. *elliottii* 60:129; f. *glabra* 60:129, 135; var. *maritima* 60:110, 134, 137; f. *latifolia* 60:129; f. *maritima* 60:129; var. *mollis* 60:110, 129, 136, 138; var. *sinuatodentata* 69:103; var. *spathulaefolia* 60:110, 129, 135; 69:103; var. *yucatanensis* 69:104, 322; *volubilis* 69:92, 229-230; *walteri* 60:108, 134; *wrightii* 60:108, 111, 128, 132, 161, 171; 69:223; 75:333
- Physalospora obtusa* 73:307-308; *thisletonia* 71:201
- Physcia aipolia* 60:83; *ascendens* 60:83; *elaeina* 60:83; *leptalea* 60:83; *leucoleiptes* 60:83; *millegrana* 60:83; *orbicularis* 60:83; f. *rubropulchra* 60:83; *pulverulenta* 60:83; *stellaris* 60:84; f. *tuberculata* 60:84; var. *rosulata* 60:84; *tribacia* 60:83
- Physcomitrella patens* 62:156
- Physcomitrium pyriforme* 62:156; *turbinatum* 53:124; 62:156
- Physocarpus* 53:205; *intermedius* 53:205; *monogynus* 56:208; *opulifolius* 53:204, 206; 55:51, 164; 61:21; 69:310, 318; var. *intermedius* 52:169; 53:206; 63:146
- Physostegia* 51:120-121; 65:58; 70:35; *angustifolia* 51:122; 54:129, 258; 65:58-62; *correllii* 51:120-121; *denticulata* 66:380; *digitalis* 51:122; *formosior* 65:63; 74:393; f. *alba* 52:58; *intermedia* 51:122; 65:58-62; *parviflora* 65:58-62; 74:393; *speciosa* 51:121; 55:188; 65:58-64; *virginiana* 51:121; 65:58-64; 74:393; f. *candida* 65:63; var. *speciosa* 55:188
- Physurus hirtellus* 67:325; *plantagineus* 67:325
- Phytodiales 73:286
- Phytolacca* 69:404; *americana* 52:294; 53:41; 57:285; 60:67, 301, 303; 64:150; 66:379; 71:20, 25, 32; *icosandra* 63:342, 344; *purpurascens* 73:48; 75:415; *rigida* 57:277; *rivinoidea* 69:404
- Phytolaccaceae 52:294; 60:301; 63:342; 64:150; 67:329; 69:404; 71:32; 73:48; 75:415
- Piaropus crassipes* 67:323; *diversifolius* 67:323
- Picea* 54:232-234; *abies* 51:366; 65:74; 70:562; *brevifolia* var. *semiprostrata* 71:1-2; *canadensis* 55:100; *engelmanni* 58:180; *glauca* 52:277; 53:6; 55:41, 45, 100; 58:52; 65:84, 88, 155; 68:523; 72:509; 75:314; *jesoensis* 73:213; *mariana* 52:277; 55:6, 41-42, 46-47, 100; 58:52, 246, 323; 63:284, 288; 65:88, 155; 67:92; 70:206-207, 210, 212, 562; 71:1; 72:509; 75:314; f. *semiprostrata* 71:2; var. *brevifolia* 71:2; var. *semiprostrata* 71:1-2, 3 (fig. 1), 4-6; *rubens* 51:366; 55:6; 59:252; 61:23; 62:90; 63:65, 68-69; 65:88; 67:92; 68:523; 72:281, 418, 509; 75:314
- Pickeringia* 70:531; *montana* 70:524 (fig. 3, map), 531; var. *tomentosa* 70:531
- Picradeniopsis dealbata* 66:298; *oppositifolia* 66:286; *woodhousei* 66:179, 290
- Picramnia* 69:417; *pentandra* 69:417
- Picrasma antillana* 67:336; *excelsa* 67:336
- Picris hieracioides* 60:29
- Pictetia* 69:414; *aculeata* 69:414
- Pieris floribunda* 52:296; 65:283; *phillyreifolia* 65:361; 66:380
- Pilaiella* (see *Pylaiella*)
- Pilaisaea* 52:72
- Pilayella* (see *Pylaiella*)
- Pilea* 69:401; *fontana* 60:13, 295; 63:20, 42; *hernarioides* 69:401; *microphylla* 66:12; 69:401; *nummulariaefolia* 69:401; *opaca* 60:13, 295; 63:21; *parietaria* 72:343; *pumila* 57:

- 313; 60:13, 67, 295, 297, 302; var. *deamii* 60:295; *sanctae-crucis* 69:401; *serpyllifolia* 73:47; *tenerrima* 69:401
- Pileolaria brevipes* 73:96; *klugskisti-ana* 73:96; *shiraiana* 73:96
- Pileostegia* 53:232
- Pilinia lunatae* 71:117
- Pilophoron* 56:107-108, 113
- Pilosocereus* 69:428; *nobilis* 69:375; *royenii* 67:341; 69:428
- Pilostyles* 70:426
- Pimenta* 69:431; *dioica* 67:343; *pimenta* 67:343; *racemosa* 67:342; 69:431; var. *grisea* 67:342; 69:431
- Pimpinella* 69:433; *anisum* 69:433; *saxifraga* 53:269
- Pinaceae* 52:278; 55:100; 62:180; 71:31; 75:314
- Pinckneya* 56:256
- Pinguicula* 59:217; subgen. *Isoloba* 59:217; subgen. *Orcheosanthus* 59:225; subgen. *Pionophyllum* 59:223, 225; *alpina* 59:223, 225; *australis* 59:228; *caerulea* 59:217-219, 222 (figs. 15-17, 31), 223, 225-227; 71:33; *campanulata* 59:227; *camtschatica* 64:212-213; *casabitoana* 62:238; *daurica* 64:212-213; *edentula* 59:227; *elatior* 59:227; *floridensis* 59:228; *grandiflora* 59:225; \times *hybrida* 59:225; *lignicola* 62:238; *lusitanica* 59:217; *lutea* 59:217, 218 (fig. 10), 219, 222 (figs. 18-22), 224-228; 71:33; *macroceras* 64:212-215, 216 (fig. 1), 217 (fig. 2), 218 (map), 219; var. *macroceras* 64:212-213; var. *microceras* 64:215; *microceras* 64:212-213, 218-219; *planifolia* 59:217, 218 (figs. 8-9), 219, 221, 222 (figs. 26-29), 225-226, 229; *primuliflora* 59:218 (figs. 1-7), 219, 221, 222 (figs. 11-14, 30), 224-226, 229; *pumila* 59:217-219, 221, 222 (figs. 23-25), 224-226, 228-229; var. *buswellii* 59:228-229; \times *scullyi* 59:225; *villosa* 59:225; *vulgaris* 53:9; 55:51, 76, 191, 349-352; 59:223-225; 60:253; 64:182-183, 212-215, 216 (fig. 1), 217 (fig. 3), 218-219; 68:412 (fig. 5, map), 416, 418; 70:184, 212
- Pinnularis nobilis* 64:56
- Pinus* 54: (pl. 1184); 70:224; 71:337-338; *attenuata* 54:73-74; *australis* 51:230; 54:69; 56:256; *ayacahuite* 68:16; *banksiana* 51:9; 52:273; 54:7; 55:41, 44-45, 101; 56:204; 65:165, 285; 66:29; 74:389; *benthami-ana* 54:73; *bracteata* 54:74-76; *californiana* 54:71-74; *californica* 54:72-74; *canadensis* 57:334-335; *caribaea* 73:206; *cedrus* 54:67-68; *cembra* 54:72; *cembroides* 73:375; var. *edulis* 51:19, 23; 52:21, 40; *chiapensis* 68:1, 2 (fig. 1, map), 4-5, 8 (pl. 1319), 10 (pl. 1319), 11, 14-16, 20-21, 23; *clausa* 64:232, 234; 65:280, 360; *contorta* 68:3; *densiflora* 73:213; *douglasii* 57:333; *echinata* 51:116; 54:68, 71, (pl. 1184); 57:319; 60:292; 62:239-241; 69:331; 73:491; *edulis* 52:174; 56:207; 60:270; *elliottii* 66:375; 70:573; 71:31; 72:19; 75:177; var. *densa* 57:278, 283; *flexilis* 68:13; *glabra* 54:67-68, 70-71, (pl. 1184); *griffithii* 68:16; *insignis* 52:5; *leio-phylla* 62:181; 74:350; *lutea* 54:67-69, 71; *maritima* 54:72; *michoacana* 62:181; *montezumae* 62:177 (fig. 1), 180-181, 184; 63:343; *monticola* 68:2 (fig. 1, map), 4, 8 (pl. 1318), 10 (pl. 1319), 12, 14-15, 20-21, 23; \times *strobis* 68:23; *mucronata* 57:333; *mugo* 51:6; 61:121; *nigra* 66:29; *oocarpa* 68:14; *palustris* 54:67-71; 58:25; 65:360; 66:30, 379; 70:290; 71:31; 73:491; *parviflora* 68:16; *peuce* 68:16; *pinaster* 54:72; *pinea* 54:68; *ponderosa* 52:21, 40, 174; 54:73; 56:208; 58:180; 66:28; 74:350; *pseudostrobis* 62:181; *radiata* 52:5; *resinosa* 52:273; 55:45-46, 101; 57:299; 61:122; 63:65; 64:18, 19 (pl. 1265), 98-99; 65:74; 66:27-28; 67:374, 386-387, 389; 72:509; *rigida* 57:194, 299; 60:71; 70:220, 224; 71:20, 22; 72:509; *rudis* 67:37; *sabini-ana* 73:186; *serotina* 54:68; 58:25; 66:375, 380; 70:290; *squarrosa* 54:67-68, 71, (pl. 1184); *strobiformis* 68:13; *strobis* 51:8, 393; 52:272; 55:45, 101; 56:82, 83 (map 1); 57:34, 113, 194, 299; 59:120, 122; 60:67, 329; 61:21, 122; 63:65, 68, 288; 67:402; 68:1, 2 (fig. 1, map), 4-5, 7, 8 (pl. 1318), 10 (pl. 1319), 11-12, 14-16, 20-21, 23; 72:280-281, 509; var. *chiapensis* 56:82; 68:1-2, 4-5, 14; *sylvestris* 63:150; 71:21-22, 167; *taeda* 51:20, 28; 54:68-69; 66:30, 159, 379; 70:224; 71:31; 73:111, 501, 504, 506, 512, 514; *taxifolia* 57:333-334; *teocote* 62:181; *thunbergii* 73:213; *tuberculata* 54:73; *venusta* 54:74, 76; *virginiana* 72:79
- Piper* 69:400; *amalago* 69:400; *chaba* 71:439; *citrifolium* 67:327; *glabrescens* 67:327; *hispidum* 67:327; *leptostachyon* 66:20; *peltatum* 67:327; *scabrum* 67:327; *treleaseanum* 67:327; *umbellatum* 67:327; *wyde-lerianum* 67:327

- Piperaceae 67:327; 69:400; 70:126
 Piperia 52:286
 Piptadenia 70:118, 125, 330-331, 333;
 niopo 70:331; peregrina 67:332; 70:
 114, 117-118, 125-126, 128, 331, 333
 Piptochaetium 68:98, 270; panicoides
 68:270; f. subpapillosum 68:270;
 setifolium 68:270; tuberculatum 68:
 270
 Piptocoma 69:449; antillana 67:354;
 69:394, 449; rufescens 67:354; 69:
 449
 Piqueria laxiflora 64:252; pilosa 64:
 260 (fig. 6), 263, 272, 274; trinervia
 64:263
 Piricauda aphales 61:93, 95, 116 (pl.
 1244); arcticoceanorum 61:91, 95,
 120 (pl. 1248); aspera 61:90, 96,
 114 (pl. 1242); bogoriensis 61:91,
 96, 116 (pl. 1244); chartarum 61:
 93, 96-97, 113 (pl. 1241); composita
 61:91, 98, 119 (pl. 1247); curvata
 61:89, 94, 98, 117 (pl. 1245);
 demonis 61:93, 98, 115 (pl. 1243);
 elliptica 61:91, 99, 114 (pl. 1242);
 exasperata 61:93, 99, 119 (pl.
 1247); funerea 61:93, 99, 111 (pl.
 1239); fusus 61:89, 94, 99, 117 (pl.
 1245); globifera 61:90, 99, 111 (pl.
 1239); heteromera 61:94, 99, 113
 (pl. 1241); itochna 61:94, 100, 115
 (pl. 1243); manilensis 61:91, 100,
 116 (pl. 1244); melonopus 61:90,
 100, 117 (pl. 1245); nitens 61:88,
 93, 101-102, 111 (pl. 1239), 112 (pl.
 1240); nodosa 61:91, 102, 119 (pl.
 1247); paraguayensis 61:89, 92,
 102; pelagica 61:91, 103; pulchella
 61:93, 103, 114 (pl. 1242); putre-
 dinis 61:90, 103, 118 (pl. 1246);
 quadrata 61:92, 103, 120 (pl. 1248);
 sacchari 61:93, 103, 112 (pl. 1240);
 sarkara 61:93, 104, 110 (pl. 1238);
 scorobylos 61:93, 104; serendipita
 61:88, 92, 104, 109 (pl. 1237); stigma
 61:88; striata 61:90, 104, 115 (pl.
 1243); stygia 61:90, 104, 109 (pl.
 1237), 110 (pl. 1238); subcuticularis
 61:93, 105, 118 (pl. 1246); suffulta
 61:90, 105, 109 (pl. 1237); tri-
 chophila 61:92, 105, 112 (pl. 1240);
 trigonella 61:92, 105, 113 (pl.
 1241); tumulosa 61:92, 105, 114
 (pl. 1242); ulmicola 61:89, 94, 105-
 106, 118 (pl. 1246); vernoniae 61:91,
 106, 111 (pl. 1239); viticola 61:93,
 106, 119 (pl. 1247)
 Piriqueta 64:147; 66:100; caroliniana
 57:278; 66:100, 101 (fig. 1), 102-
 103, 105-108, 379; 75:419; var. carol-
 iniana 66:100, 103-104, 108; var.
 glabra 57:287; cistoides 66:107-108;
 glabrescens 64:152, 157 (fig. 25);
 tomentosa 64:152, 157 (fig. 26); 75:
 419; viridis 75:419
 Piscidia 69:414; piscipula 57:286; 67:
 334; 69:414
 Pisolithus tinctorum 61:127, 135
 Pisonia 69:404; floribunda 75:143;
 fragrans 69:404; subcordata 69:
 404;
 Pitcairnia 71:35, 225; angustifolia 70:
 417; bangii 71:45; biattenuata 71:
 228; brittoniana 71:226, 230; car-
 denasii 71:226, 229; consimilis 71:
 46; crassa 71:226, 229; divaricata
 71:226-227; ferruginea 71:46; gran-
 diflora 71:44; inermis 71:226, 228;
 lanuginosa 71:226, 229; mirabilis
 71:50; mituensis 65:7, 8 (pl. 1279),
 9; multiramosa 71:226; nana 71:54;
 odontopoda 71:226-227; paniculata
 71:226, 228; platystemon 71:226;
 rigida 71:229; robusta 71:43-44;
 sessiliflora 71:229-230; subpetiolata
 71:229; trianae 71:226, 228
 Pitcheria galactoides 64:60
 Pithecellobium 69:409; 70:492; saman
 69:410; unguis-cati 57:277, 286; 67:
 331; 69:409
 Pithecolobium flavovirens 66:6
 Pityopsis 51:114
 Pityrogramma (see also Pityro-
 gramme); calomelanos 62:177 (fig.
 1), 180; 63:343; tartarea 62:177
 (fig. 1), 180, 183-184; 63:341, 344;
 triangularis 57:220, 236
 Pityrogramme trifoliata 67:357
 Plagiochila asplenioides 53:121; 72:
 276-278; sullivantii 53:127; 59:254;
 tridenticulata 59:253; yokogurensis
 subsp. fragilifolia 59:254, 256
 Plagiochilaceae 53:121
 Plagiophiale petrakii 68:189
 Plagiopus oederi 52:74; 62:170; f.
 alpinus 52:74; var. condensatus 52:
 74; serratus 52:74
 Plagiostigma petrakii 68:189
 Plagiotheciaceae 62:147, 166
 Plagiothecium denticulatum 59:258;
 62:166; 72:493; elegans 62:166;
 latebricola 62:166; micans 53:126;
 62:166; var. fulvum 62:166; rose-
 anum 62:166; ruthei 62:166; stria-
 tellum 58:249; 62:167; sylvaticum
 53:126; 62:166; turfaceum 62:166;
 undulatum 62:170
 Planaltoa 72:100, 104; lychnophoro-
 ides 72:104-105; salviifolia 72:104
 Planera aquatica 51:133; 64:90
 Planktosphaeria gelatinosa 64:56
 Plantaginaceae 52:297; 55:191; 63:
 212; 66:14; 69:444; 75:320, 421

- Plantago* 69:444; 72:387; *altissima* 72:525; *arenaria* 53:270; *aristata* 60:24; *asiatica* 55:192; *eriopoda* 53:19; *hookeriana* 75:403; var. *nuda* 60:10, 24, 30; *indica* 53:270; *insularis* var. *fastigiata* 68:428; *juncoides* 54:203; 65:365; 71:515; 75:56; var. *decipiens* 57:302; 64:346; 65:94; 66:151; 71:523; 72:525; 75:320; var. *glauca* 53:4; 65:94; 66:151; 75:321; var. *laurentiana* 65:94; 66:151; *lanceolata* 52:297; 53:225; 60:66; 72:525; var. *sphaerostachya* 65:75; *major* 53:13, 159; 55:191; 60:66; 64:346; 65:94; 69:444; 71:523; 72:393; 75:320; var. *asiatica* 55:192; var. *major* 72:525; var. *pachyphylla* 55:191; var. *pilgeri* 53:13; 55:191; 72:525; *maritima* 70:443-444, 448; 72:372; *minima* 68:428; *oliganthos* 53:19; 71:21, 27, 523; 72:525; 75:56, 321; var. *fallax* 65:94; *patagonica* 60:24; 75:403; *purshii* 51:24; 55:192; *rugelii* 60:68; 63:289; *scariosa* 68:428; *virginica* 55:53, 83, 192; 66:14, 379; 75:421; *wrightiana* 52:20; 60:24; 75:403
- Platanthera hyperborea* 53:157; *menziesii* 52:63-64
- Platanaceae 63:51
- Platanus* 71:544, 546; *×acerifolia* 71:546; *mexicana* 71:546; *occidentalis* 61:21; 62:200; 63:51-52; 71:546; var. *glabrata* 71:546; *orientalis* 71:546; *racemosa* 71:546; *wrightii* 71:547
- Plateilema palmeri* 59:106
- Platonia bairdii* 71:135
- Platygyrium repens* 53:126; 62:167
- Platyhypnidium rusciforme* 62:164
- Platylomella lescurii* 62:164
- Platypetalum dubium* 54:283; *purpurascens* 54:52, 54
- Platypus altus* 67:327
- Platyschkuhria integrifolia* 66:308-309; *oblongifolia* 66:309; *ourolepis* 66:309
- Platysepalum* 51:222
- Platyzoma microphyllum* 63:92, 96 (figs. 1-12)
- Plectonema battersii* 66:224; *calothrichoides* 75:293; *nostocorum* 58:121; *terebrans* 75:293; *tomasinianum* 58:121
- Plectosphaeria salicis* 68:189
- Pleienta* 57:4, 78; *capitata* 57:97; *dodecandra* 57:86; *fasciculata* 57:103; *flexuosa* 57:91; *gentianoides* 57:100; *leucantha* 57:86; *quinque-nervia* 57:103; *rigida* 57:103
- Pleosphaeria echinata* 71:194
- Pleospora* 71:197; *calvescens* 64:136; *laricina* var. *laricina* 64:136; *nigerima* 71:193; *pulchra* 64:136; sp. 73:308; *straminis* 64:136; *vitalbae* 71:196 (fig. 10), 198
- Pleosporaceae 71:196-197
- Pleuridium acuminatum* 62:152; *palustre* 62:152; *subulatum* 53:123; 62:152
- Pleurocapsa kernerii* 71:154
- Pleurocarpus* 64:58
- Pleurococcus vulgaris* 64:56
- Pleurocoronis* 69:35, 43; *gentryi* 69:35-36, 37 (pl. 1338), 43 (fig. 11, map), 240 (pl. 1338); *laphamioides* 69:36 (figs. 5-9), 41 (pl. 1339), 42, 43 (fig. 11, map); var. *laphamioides* 69:40, 42, 43 (fig. 11, map); var. *pauciseta* 69:42, 43 (fig. 11); *pluriseta* 69:36 (figs. 1-4), 38 (fig. 10), 42, 43 (fig. 11, map)
- Pleurogyne carinthiaca* 53:50
- Pleuropogon sabinii* 54:48, 278
- Pleurostachys* 67:114; *minuscula* 67:124; *puberula* var. *buchtienii* 67:124
- Pleurotaenium coronatum* 63:278; 64:56; *ehrenbergii* 73:65; *maximum* 63:278; 64:56; *nodosum* 69:58; *nodulosum* 69:58; *trabecula* 58:121; 63:278; 64:56; 71:457
- Pleurothallis appendiculata* 67:326; *broadwayi* 67:326; *disticha* 61:2, 6; *foliata* 67:326; *ghiesbreghtiana* 58:291; *longissima* 67:326; *microlepanthes* 59:250; *prostrata* 59:250; *racemiflora* 59:250; *ruscifolia* 59:250
- Pleurotus* 71:190 *elongatipes* 68:184-185
- Pleurozium schreberi* 58:249; 62:166
- Plicaria trachycarpa* 71:201
- Plinia dusii* 67:343
- Plowrightia staphylina* 65:303-304
- Pluchea* 69:449; *carolinensis* 67:355; 69:449; *foetida* 55:15-16; 66:380; *odorata* 64:264; 67:355; 69:449; *petiolata* 60:206; *purpurascens* 57:278, 289; 64:265; 69:449; 71:20; var. *succulenta* 71:28; *rosea* 57:289; 71:34; *suaveolens* 70:230 (fig. 19), 232, 238
- Plukenetia verrucosa* 69:251-252; *volubilis* 69:251-252
- Plumaria elegans* 71:137; 72:117, 200-201, 223, 231-232, 238, 324, 334; 74:425, 428
- Plumbaginaceae 69:433; 72:24; 75:320
- Plumbago* 69:433; *auriculata* 69:433; *capensis* 69:433; *floridana* 66:19; *scandens* 66:19; 69:433

- Plumeria* 69:435; 70:417; *alba* 69:435; 70:417; *inaguensis* 66:6; *krugii* 67:346; *obtusata* 67:345; var. *sericifolia* 66:13; *portoricensis* 67:346; *rubra* 69:435; *sericifolia* 66:13
Plurimaria 57:96
Poa 53:41; 54:14, 198; 61:272; 68:102-103, 116; sect. *Nevadenses* 54:98; *abbreviata* 54:35, 51, 282; *alpigena* 71:299, 504; 74:367; *alpina* 53:7, 9; 65:213; 68:411 (fig. 1, map), 416, 418; var. β 72:346; *alsodes* 54:224; 56:245; 57:304; 59:234; *androgyna* 68:119; *angustata* 54:278; *angustifolia* 55:119; *annua* 54:142; 55:119; 58:246; 64:344; 65:88; 68:116, 119; 71:519; 72:570; 75:314; *arachnifera* 64:355; *arctica* 54:40-41, 51, 54, 278, 282; 55:248; 65:212; subsp. *arctica* 65:212; *arida* 70:451; *asperiflora* 68:116, 118; *bigelovii* 74:82; *boliviensis* 68:118; *brevipaniculata* 56:210; *buchtienii* 68:116; var. *subacuminata* 68:116; *bulbosa* 72:346; *canbyi* 53:12; *candamoana* 68:116, 120; *chapmaniana* 51:127; 62:262; *cilianensis* 56:26; *compressa* 55:46, 119; 57:302; 60:65; 65:88; 71:519; 72:510; 73:105; 75:314; *cookii* 75:240; *cristata* 58:94; *cuspidata* 51:127; *denticulata* 68:116, 119; *dumetorum* 68:119; var. *unduavensis* 68:119-120; *eminens* 51:99; 54:202; *fendleriana* 56:210; 63:41; 74:82; *fernaldiana* 55:121; *glauca* 54:221; 55:120, 248; 56:245; 65:212; subsp. *conferta* 55:120; var. *laxiuscula* 55:120; subsp. *glauca* 55:120; *glauca* 56:243, 245; 57:301, 303-304; 68:411 (fig. 1, map), 416; 70:181; *gymnantha* 68:116-117; var. *aperta* 68:117; *hieronymi* 68:116, 118; *horridula* 68:116, 119; *humillima* 68:116-117; *interior* 55:46, 119; *irrigata* 53:10; 71:299; *kerquelenensis* 75:240; *komarovii* 65:212-213; *lanata* 65:212-213; *languida* 59:234; *lilloi* 68:116, 118; *longipedunculata* 56:209; *myriantha* 68:118; *nemoralis* 55:120; 72:510; var. *interior* 55:119; var. *montana* 55:120; *palustris* 53:20; 55:45, 47, 120; 58:246; 59:234; 63:136; 64:358; 65:88; 68:518; 71:519; 75:314; *paradoxa* 51:127; *pectinata* 58:94-95; *perligulata* 68:117; *pflanzii* 68:118; *pratensis* 55:119; 57:302; 60:67; 65:88; 68:116, 118; 71:298-299, 519; 72:510; 75:314; var. *angustifolia* 55:119; *pyramidata* 58:94; *rupicola* 72:498; *salutuensis* 55:79, 119; var. *microlepis* 53:11; 55:79, 119; *scaberula* 68:116-117; *scopulorum* 55:52-53, 80, 83, 120; *subcaerulea* 71:297-299, 302; \times *tormentuosa* 55:120; *trivialis* 59:233-234; 69:377; *vallesiana* 58:95
Poaceae 67:317; 71:31, 497
Pocophorum 73:161
Podalyria 56:256; *mollis* 70:45
Podocarpus coriaceus 67:356
Podochaenium eminens 64:260 (fig. 13), 266
Podocoma 70:233; *hirsuta* 70:230 (fig. 14), 232, 238
Podocystis adriatica 70:292, 293 (pl. 1383); *spathulata* f. *anastomosans* 70:293
Podophania 69:352; *dissecta* 69:353; *ghiesbreghtiana* 69:353
Podophyllum peltatum 52:294; 54:132, 303; 55:20; 58:83; 62:111, 115; 63:267-268, 269 (pl. 1262), 271 (pl. 1263), 273 (pl. 1264), 274; 66:167; f. *aphyllum* 57:267; f. *biltmoreanum* 54:134; f. *deamii* 54:131, 133; 55:20; 61:24; 66:167; f. *polycarpum* 61:25
Podosphaera clandestina var. *clandestina* 68:189; *oxyacanthae* var. *oxyacanthae* 68:190
Podostemaceae 63:50-51
Podostemum 54:26; *ceratophyllum* 52:162; 63:50-51, 53-54
Podostigma pedicellata 54:176; *pubescens* 54:177
Poecilanthe 51:222
Pogonatum aloides 62:170; *alpinum* 62:169; var. *septentrionale* 72:500; *brachyphyllum* 53:122; 62:171; *capillare* 62:169; *pensylvanicum* 53:122; 62:169; *urnigerum* 62:169
Pogonia 53:72; *affinis* 71:304; *macrophylla* 67:325; *ophioglossoides* 51:116; 53:83-84; 55:83, 140; 57:113; 58:32; 67:373; 70:196-198; 71:20, 24, 32; 72:514; 73:257; f. *albiflora* 53:83; *pendula* 58:33-34; 71:509; *trianthophora* 58:31
Pohlia annotina 62:157; var. *decipiens* 59:26; *atropurpurea* 62:171; *bulbifera* 62:157; *cardotii* 72:500; *cruda* 54:48, 51; 62:157; *elongata* 62:157; *longicolla* 54:157; *nutans* 58:249; 62:157; *proligera* 59:26; *pulchella* 62:157; *rothii* 59:26; 62:157; *wahlenbergii* 53:124; 62:157
Poicilopsis crispiflora 62:238; *tuerckheimii* 62:238
Poinciana pulcherrima 67:333; 69:410; *regia* 73:50
Poinsettia cyathophora 69:374; 75:417-418; *dentata* 60:17; *geniculata*

- 69:374; *heterophylla* 69:374, 419; 75:418; *pulcherrima* 69:419
Poiretia procumbens 64:89
Poissonia 51:222
Polanisia dodecandra 56:65, 68-69, (pl. 1201); 68:41-42, 46-48; 75:389; subsp. *dodecandra* 68:47; subsp. *trachysperma* 68:47; *graveolens* 56:66, 68-69; 63:43, 47, 53; 68:41-42, 45-46; *trachysperma* 63:43; 68:47; *uniglandulosa* 68:47
Polemoniaceae 51:76; 71:33
Polemonium acutiflorum 65:220; *boreale* 55:247, 251; *caeruleum* 51:7, 76; *delicatum* 58:113-114; *longii* 51:76, 77, (pl. 1144); *occidentale* 58:113; *pulcherrimum* 58:113; *reptans* 51:76-77, (pl. 1145); 52:268; 58:103-104, 112-115; var. *reptans* 58:103-104, 105 (fig. 1, map), 106 (fig. 2), 107, 108 (fig. 3), 109, 110 (fig. 4), 111 (fig. 5), 112-115; var. *villosum* 58:103-105, 106 (fig. 2), 107, 108 (fig. 3), 109, 110 (fig. 4), 111 (fig. 5), 112-115; *van-bruntiae* 51:7, 76-78, (pl. 1145); 58:113
Polycarpaea 65:35, 42 (fig. 2); *brasiliensis* 64:180; *corymbosa* 64:179-180; 65:41, 43; var. *brasiliensis* 64:180; 65:43; *cuspidata* 65:44; *nebulosa* 65:35, 36 (pl. 1280), 37 (pl. 1281), 38 (fig. 1), 39 (pl. 1282), 40 (pl. 1283), 43
Polycnemum arvense 58:44; *majus* 58:44; 69:31
Polycystis aeruginosa 64:56; *incerta* 64:56
Polyedrium 64:58
Polygala 54:292; 55:355; 56:256; 59:51; sect. *Adenophora* 72:67-68; sect. *Eurhinotropis* 64:105, 110, 113; 72:67-68; sect. *Hebeclada* 64:104-105, 110, 113; sect. *Microthrix* 64:105, 111, 113; sect. *Monninopsis* 64:104-105, 112-113; sect. *Timutua* 64:104-105, 111-113; subsect. *Adenophora* 72:68; subsect. *Eurhinotropis* 72:69-70; *aboriginum* 59:51, 55; *alba* 64:105, 107 (fig. 1), 111; var. *suspecta* 64:225; *alpestris* 64:110; *alpina* 64:110; *amara* 64:103, 110; subsp. *amarella* 64:110; subsp. *brachyptera* 64:110; *boykinii* 64:111; 72:19; var. *boykinii* 72:19; var. *sparsifolia* 72:19-20; var. *suborbicularis* 72:19; *brevifolia* 51:136; *calcareo* 64:110; *chamaebuxus* 64:110; *chapmanii* 64:105, 107 (fig. 2), 111; *comosa* 64:110; *corallicola* 72:21; *cowellii* 67:336; *crenata* 59:51-55; *cruciata* 64:105, 107 (fig. 3), 111; 71:32; *cumulicola* 72:20; *curtissii* 52:263; 64:107 (fig. 4), 111; *cymosa* 71:32; *erythrorrhiza* 72:69-70; *evolvulacea* 72:67-68; *flagellaris* 72:20; *glandulosa* 72:68; *grandiflora* 64:107 (fig. 5), 110; 72:20; 73:494; var. *angustifolia* 72:21; var. *grandiflora* 72:20-21; var. *leiodes* 72:21; var. *leptophylla* 72:21; *hookeri* 51:136-137; *incarnata* 57:286; 71:32; *japonica* 64:103, 110; *lewtonii* 59:51-53; *lindheimeri* 72:70; *lutea* 64:111; 71:32; *macradenia* 72:67-68; var. *glanduloso-pilosa* 72:67-68; *major* 64:110; *mariana* 64:107 (fig. 7), 111; 71:32; *miamiensis* 72:20; *myrtifolia* 64:103, 110; *nana* 64:107 (fig. 8), 111; *nicaensis* subsp. *corsica* 64:110; *nitida* 72:70; *nuttallii* 64:106, 107 (fig. 9), 112; *ovatifolia* 64:111; *paludosa* 73:159; *paucifolia* 52:295; 53:7; 54:27-28; 55:171, 295; f. *alba* 54:28, 292; f. *caerulea* 54:27-28, 292; *penaea* 67:336; *phoenicistes* 72:68; *polygama* 55:295; 59:51-55; 73:111; f. *albiflora* 59:55; f. *obovata* 59:51, 54; var. *abortiva* 59:55; var. *obtusata* 59:51, 55; 64:107 (fig. 10), 112; var. *polygama* 64:112; var. *ramulosa* 59:55; *portoricensis* 67:336; *praetervisata* 64:104, 107 (fig. 11), 112; 72:20; *ramosa* 64:107 (fig. 12), 111; *reducta* 64:105, 107 (fig. 13), 111; *rugelii* 64:107 (fig. 14), 112; *sanguinea* 51:111; 72:521; f. *albiflora* 54:255; 64:357; *scoparia* 64:105, 107 (fig. 6), 111; *scoparioides* 64:107 (fig. 15), 111, 227; *senega* 74:392; var. *latifolia* 73:302; *serpyllifolia* 64:110; *shinersii* 64:225-226; *sparsifolia* 72:20; *triflora* 64:110; *tweedyi* 64:110; 72:69-70; *vayredae* 64:110; *vergrandis* 64:226; *verticillata* 64:106; var. *isocycla* 64:107 (fig. 16), 112; *virgata* var. *speciosa* 64:110; *vulgaris* 64:110; *wightiana* 66:13
Polygalaceae 52:295; 55:171; 63:211; 66:13; 67:336; 71:32; 72:19
Polygonaceae 52:294; 54:19; 55:145; 60:298; 63:211; 64:147, 150; 67:328; 69:402; 70:410; 71:515; 73:48; 75:317
Polygonatum biflorum 53:81, 88; 54:252; 55:48, 173, 225; 56:2; 60:292-293; 63:20; f. *ramosum* 52:56; *canaliculatum* 52:56; 53:81, 87; 57:131; 60:292; 66:312; 68:458; f. *foliatum* 52:56; var. *rotundifolium* 52:55; *commutatum* 60:292-293; 68:458; 73:498, 514; f. *foliatum* 52:56; *latifolium* 53:81, 88; *pubescens*

- 52:293; 53:81, 85; 55:139, 225; 60:292-293; 63:295; 72:514; f. *fultius* 53:81
- Polygonella* 75:386; *americana* 60:206; 73:492; *articulata* 60:298, 303; *basiramea* 64:234; *fimbriata* 75:386; *polygama* 70:290
- Polygonum* 54:19; 70:221; sect. *Echinocaulon* 72:182; *acanthophyllum* 72:187; *achoreum* 52:18; 55:146; 60:298, 303; *acuminatum* 67:328; *allocarpum* 60:298, 304-305; 75:317; *amphibium* 73:257; 75:317; f. *terrestre* 60:298, 305; 73:257; var. *stipulaceum* 55:146; 60:298, 302; f. *fluitans* 60:298, 302; f. *hirtuosum* 60:298; f. *simile* 60:298; *apoëense* 54:25; *arifolium* 60:206; 72:182; var. *pubescens* 60:298, 302-303; *aviculare* 55:146; 60:65, 298, 304; 63:288; 65:91; 71:306, 520; var. *littorale* 55:225; 60:298, 304; 64:345; 65:91; 70:443; 72:516; var. *vegetum* 60:298, 304; 65:91; 71:169, 306; 72:516; *beyrichianum* 72:182-183, 186-187; *bicorne* 59:265; *bistorta* 60:298, 305; subsp. *plumosum* 55:248-249; 65:216; 71:505; *bistortoides* 64:119-120; *careyi* 60:298, 302; 72:516; *cespitosum* var. *longisetum* 59:31; 60:298, 305; 66:54; *chamissoanum* 72:187; *cinnode* 53:11; 55:146; 60:298, 302; 72:516; f. *erectum* 60:298, 302; 72:516; *coccineum* 55:225; 60:298, 302; f. *natans* 60:298, 302; 73:257; *convolvulus* 53:157; 55:146, 225; 60:65, 298, 304; 63:288; 65:91; 71:520; var. *convolvulus* 72:516; var. *subalatum* 60:298, 304; 72:516; *cristatum* 60:298, 303; *cuspidatum* 54:209; 60:298, 305; 65:75; *densiflorum* 67:328; *douglasii* 55:53, 80, 146; 60:298, 302; 63:42; *dubium* 60:298, 305; *dumetorum* f. *cristatum* 52:167; *erectum* 55:145; 60:298, 303; 75:386; *exsertum* 60:299, 304; *filiforme* 54:23; *fowleri* 60:299, 305; *geniculatum* 72:183, 187; *glaucum* 60:299, 304; *hirsutum* 60:13; *hydropiper* 55:47, 146; 60:67, 299, 302; 72:516; 75:57, 317; var. *projectum* 60:299, 302; *hydropiperoides* 60:299, 302; 66:377, 379; 73:257; 75:317; f. *strigosum* 60:299; var. *bushmanum* f. *rubrum* 54:126; var. *hydropiperoides* 57:307; *lappathifolium* 55:146; 60:299, 302; 72:516; 75:317; var. *prostratum* 60:299, 305; var. *salicifolium* 60:299, 302; *longisetum* 66:54; *longistylum* 59:265; 75:386; *maculatum* 59:265; *meisnerianum* 72:182-184; var. *beyrichianum* 72:182-184, 185 (fig. 1), 186 (fig. 2), 187; var. *jalapense* 72:185, 186 (fig. 2), 187; var. *meisnerianum* 72:187; var. *setosum* 72:187; var. *usterianum* 72:187; minus var. *subcontinuum* 60:299, 305; *multiangulare* 72:187; *muticum* 54:21; *natans* f. *genuinum* 55:146; f. *hartwrightii* 55:146; *neofiliforme* 54:23; *nepalense* 60:299, 305; *opelousanum* 60:299, 303; var. *adenocalyx* 60:299, 303; *orientale* 60:299, 304; 63:288; *pensylvanicum* 60:299, 303; 71:24; var. *laevigatum* 60:67, 299, 302; f. *albineum* 60:299; var. *nesophilum* 60:299, 303; var. *rosaeiflorum* 69:453; var. *rosiflorum* 69:453; *perfoliatum* 58:43; *persicaria* 52:294; 55:146; 60:65, 299, 304; 63:288; 66:415; 71:520; 72:516; 75:317; f. *albiflorum* 71:169; var. *ruderales* 60:299, 305; 71:169; 72:49; *polystachyum* 60:299, 305; *prolificum* 60:299, 304; *punctatum* 60:299, 302; 67:328; 72:516; 75:317; var. *leptostachyum* 60:299, 302; 71:24; var. *parvum* 60:299, 304; *puritanorum* 60:299, 303; *ramosissimum* 60:299, 304; f. *atlanticum* 60:299, 304; *robustius* 60:299, 303; *rubricaule* 72:182, 187; *sachalinense* 60:299, 305; 65:75; *sagittatum* 51:119; 54:126; 60:299, 302; 65:91; 72:182, 184, 516; 73:257; f. *chloranthum* 60:299, 304; *sawatchense* 74:380; *scabrum* 55:146; 60:299, 305; 72:516; *scandens* 60:299, 303; 63:288; *segetum* 67:328; *setaceum* var. *interjectum* 60:299, 303; 62:240; var. *setaceum* 62:240; var. *tonsum* 54:253; spp. 71:20; *stelligerum* 72:182, 187; *tenue* 57:320; 60:299, 303; *türkheimii* 72:187; *vernum* 59:265; *virginianum* 54:21, 23; 55:100; var. *filiforme* 54:23; var. *glaberrimum* 62:130; *viviparum* 53:4; 54:49, 51, 54, 278, 283, 285; 55:51, 76, 146, 249; 60:253, 299, 302; 65:216; 67:381; 68:189; 70:210; var. *alpinum* 53:14
- Polyideaceae* 71:134; 72:212
- Polyides* 75:588; *caprinus* 66:223, 227; 71:134; 72:212; *rotundus* 71:134; 72:117, 201, 205, 212, 230, 233, 238, 324-325, 334; 74:411, 425
- Polymnia* 64:336; 70:559, 561; *apus* 64:260 (fig. 10), 265; *canadensis* 64:339; 70:559, 560 (fig. 1), 561; 71:303; f. *radiata* 53:133; *laevigata* 64:336, 337 (pl. 1273), 338-339; *maculata* 64:265; 71:211; *oaxacana* 64:265; *perfoliata* 74:194; *revoluta*

- 74:195; *uvedalia* 70:561; 71:204 (fig. 1, map), 205, 207, 210-211; var. *densipilis* 71:204, 205 (fig. 1, map), 206-208, 209 (pl. 1413), 210; var. *floridana* 71:204, 205 (fig. 1, map), 206-208, 209 (pl. 1413), 210; var. *uvedalia* 71:204-210
- Polypetalae* 75:144
- Polypodiaceae* 55:95; 57:236; 62:180; 63:341; 67:356; 68:466; 71:514; 75:313, 412
- Polypodium* *abruptum* 61:305; *anfractuosum* 63:35; *armatum* 71:13; *asplenifolium* 67:357; *attenuatum* 69:376; *cultratum* 63:35; *duale* 67:357; *excelsum* 63:34; *flabelliforme* 68:467; *glandulosum* 61:306; *hessii* 67:357; *induens* 63:35; *invisum* 61:306; *jubaeforme* 63:35; 67:357; *knowltoniorum* 63:35; *latum* 67:357; *mollissimum* 63:35; 67:357; *mysuroides* 67:357; *nervosum* 69:7; *nitens* 69:7; *pavonianum* 69:7; *pendulum* 63:35; *phlegmaria* 68:467; *phyllitidis* var. *latum* 67:357; *polypodioides* 51:21; 57:283; *pteroideum* 69:8; *rigescens* 68:467; *sericeolanatum* 63:35; *serricula* 63:35; *taenifolium* 67:357; *taxifolium* 63:35; 67:357; *tenuiculum* 63:35; *trifurcatum* 67:357; *triseriale* 69:376; *triste* 69:8; *virginianum* 55:100; 57:237; 63:46; 65:87; 72:4, 508; *vulgare* 55:100; 62:231; 72:4; var. *virginianum* 62:231
- Polypogon* 68:105, 262; *elongatus* 68:262; *interruptus* 68:262-263; *monspeliense* 51:126; 56:181; 74:389
- Polyporaceae* 73:473
- Polypremum* *procumbens* 57:287; 66:13; 71:33; 73:495
- Polypteris* *integrifolia* 58:276
- Polyscias* 69:432; *filicifolia* 69:432; *guilfoylei* 69:432
- Polysiphonia* 55:105; 75:488-489, 559, 570-571, 573; *arctica* 71:137; 52:324-325, 334; *denudata* 72:200-201, 221, 231-233, 238; 73:285; 74:425, 480; 75:280; *elongata* 71:137; 72:203, 227, 233, 238; 74:425; *fibrillosa* 71:137; 74:425, 427-428; 75:59-60; *flexicaulis* 66:228; 71:117, 137; 72:201, 227, 238, 324, 334; 73:385; *harveyi* 71:138, 527-528; 72:227, 230; 74:270; 75:281; *lanosa* 66:228; 71:117, 133, 138; 72:117, 200, 202, 204, 213, 227, 231-233, 239, 323-324, 334; 73:385; 74:270, 298, 425, 480; *nigra* 71:138; 72:228, 231, 233, 239; 73:285; 74:425, 480; *nigrescens* 66:228; 71:123, 138; 72:228, 231-233, 239, 326; 74:270, 425, 480; 75:281; *novae-angliae* 71:138; 72:200, 229, 231-232, 239; 74:426; 75:282; *paniculata* 75:488, 490; spp. 71:115; *subtilissima* 72:200-201, 229, 231, 239; 74:426; 75:282; *urceolata* 66:228; 72:117, 229, 231-233, 239, 324, 334; 73:285; 74:270, 426, 481; 75:282; var. *patens* 71:138; 72:229; var. *roseola* 72:229, 324
- Polystachya* *cerea* 67:325; *extinctoria* 67:325; *foliosa* 58:291; *minor* 67:325; *minuta* 67:325
- Polystichopsis* *chaerophylloides* 67:359
- Polystichum* *acrostichoides* 56:1-3, 4 (fig. 1), 5, 6, (pl. 1198); 57:236; 58:39; 70:220; 72:4, 508; var. *lonchitoides* 56:3; \times *lonchitis* 56:1, 3, 4 (fig. 1), (pl. 1198); *adiantiforme* 67:358; *braunii* 56:1; 61:23; var. *purshii* 53:11; 70:182; 73:462-463; \times *acrostichoides* 56:1; *echinatum* 67:358; *lonchitis* 52:42; 53:12, 18; 56:1-3, 4 (fig. 1), 5-6, (pl. 1198); 68:413 (fig. 7, map), 417; *mohrioides* var. *scopulinum* 53:62; *munitum* var. *munitum* 72:496; *scopulinum* 64:211; *triangulum* 67:358
- Polystigmataceae* 64:134
- Polytaenium* *brasilianum* 66:112-113; *cajanense* 66:112-113; 67:357; *discoideum* 66:112-113; *guayanense* 66:112-113; *jenmanii* 66:114; *lanceolatum* 66:110; *lineatum* 66:110
- Polytrichaceae* 53:122; 62:147, 168
- Polytrichum* *commune* 53:122; 62:169; 65:273; 71:20; var. *perigoniale* 62:169; 71:21; *formosum* 62:169; *gracile* 58:249; 62:169; *juniperinum* 53:122; 58:249; 62:169; var. *alpestre* 62:169; *ohioense* 53:122; 62:169; *piliferum* 62:169
- Pongamia* 69:409; *pinnata* 69:409
- Pontederia* 75:426-429, 430 (fig. 1), 431, 432 (fig. 2), 433-436, 439 (fig. 3), 440 (fig. 4), 441, 442 (fig. 5), 443-444, 445 (fig. 6), 446 (fig. 7), 447-448, 484-486; subgen. *Pontederia* 75:435, 441, 443, 449-450, 473, 478, 484; subgen. *Reussia* 75:441, 443, 450, 484; *angustifolia* 75:452-454; *brasiliensis* 75:473; *caerulea* 75:453; *cordata* 53:80, 84-85; 75:426-429, 431, 433, 435, 443, 445, 447-448, 450, 452-454, 460, 486; f. *albiflora* 75:454; f. *angustifolia* 53:80; 73:257; 75:453-454, 462; f. *bernardi* 75:455; f. *brasiliensis* 75:453-454; f. *lancifolia* 75:462; f. *latifolia* 53:80; 75:454; f. *sagittata* 75:467; f. *taenia* 53:80; 73:257; 75:455; var. *albiflora* 75:453; var. *angus-*

- tifolia* 75:452; var. *cordata* 73:256; 75:430 (fig. 1A), 436, 442 (figs. 5A-5B), 446 (fig. 7), 450, 451 (figs. 8-9), 452, 456 (fig. 10, map), 457 (fig. 11, map), 458 (fig. 12, map), 460, 464 (fig. 15, map), 466, 484, 486-487; var. *lanceolata* 75:462; var. *lancifolia* 75:436, 445, 446 (fig. 7), 450, 454, 457 (fig. 11, map), 458 (fig. 12, map), 460, 461 (fig. 13), 464 (fig. 15, map), 467, 486-487; var. *ovalis* 75:436, 445, 446 (fig. 7), 450, 461 (fig. 14), 466, 486-487; var. *parviflora* 75:471; var. *sagittata* 75:467; var. *typica* 75:453, 462; *cordifolia* 75:473; *eriantha* 75:473; *hastata* 75:427-429, 431; *heterantherimorpha* 75:462; *lagoënsis* 75:478; *lanceolata* 75:462; f. *brasiliensis* 75:454; f. *ovalis* 75:466; f. *trullifolia* 75:454; var. *vichadensis* 75:466; *lancifolia* 75:460, 461 (fig. 13), 462; *nymphaeifolia* 75:453; *oblonga* 75:462; *ovalis* 75:466; *ovata* 75:427-428, 431; *parviflora* 75:430 (fig. 1C), 432 (figs. 2A-2B), 434-435, 437, 439 (fig. 3D), 441, 445, 446 (fig. 7), 450, 469 (fig. 18), 471, 472 (fig. 19, map), 473, 484, 486-487; *renniformis* 75:473; *rotundifolia* 75:430 (fig. 1D), 432 (figs. 2C-2D), 433-435, 438, 439 (figs. 3A-3C), 441, 442 (figs. 5C-5D), 443, 445, 446 (fig. 7), 450, 473, 474 (figs. 20-21), 476 (fig. 22, map), 478, 480 (fig. 25, map), 484, 486-487; var. *nymphaeifolia* 75:454; *sagittata* 75:430 (fig. 1B), 434-435, 437, 445, 446 (fig. 7), 447, 450, 460, 467, 468 (fig. 16, map), 469 (fig. 17), 478, 484, 486-487; *schomburgkiana* 75:478; *subovata* 75:435, 438, 443, 449-450, 478, 479 (figs. 23-24), 480 (fig. 25, map)
- Pontederiaceae* 53:80; 67:323; 75:433, 447
- Pontederites* 75:448
- Poponax macracanthoides* 69:373
- Populus* 51:149; 54:303; 69:80; 75:115; *acuminata* 63:42; *alba* 58:125, 130; 63:150, 318-321; 71:169; 72:344, 546; × *grandidentata* 63:318, 321-322; × *tremuloides* 63:318, 322; *aurea* 69:76-77; *balsamifera* 54:209; 55:143; 58:51, 125, 131; 60:248; 65:156; 69:78; 70:210; 72:515; var. *fernaldiana* 51:149; var. *michauxii* 51:149; var. *subcordata* 51:150; 58:125; *candicans* 54:209; *canescens* 58:125; 59:33; *deltoides* 52:274; 53:224; 56:207; 58:125, 133-134; 61:21; 63:150; 65:366; 66:280; 71:175; var. *missouriensis* 58:125; *eotremuloides* 69:78; × *gileadensis* 58:125; 72:515; *grandidentata* 54:64; 58:125, 130; 61:21; 63:65, 311-314, 315 (fig. 1), 316, 317 (figs. 2-3), 318, 319 (figs. 4-5), 320 (fig. 6); 64:18, 19 (pl. 1265); 69:70-71, 72 (fig. 1), 73, 77-80; 72:515; × *tremuloides* 63:312, 315 (fig. 1), 317 (figs. 2-3), 319 (figs. 4-5), 320 (fig. 6), 321-322; 69:72 (fig. 1); *heterophylla* 58:125, 133-134; 69:78; × *jackii* 54:209, 212; *lindgreni* 69:78; *nigra* var. *italica* 57:313; 58:125, 130; *sieboldii* 69:80; *tremula* 63:141; 69:78, 80; var. *davidiana* 69:80; *tremuloides* 51:6, 47; 53:10; 55:45, 143; 58:125, 130; 61:122; 63:65, 141, 311-314, 315 (fig. 1), 316, 317 (figs. 2-3), 318, 319 (figs. 4-5), 320 (fig. 6), 321; 65:90, 156; 69:70-71, 72 (fig. 1), 73-79, 458; f. *pendula* 58:125; f. *reniformis* 58:125; var. *magnifica* 51:6; 58:125, 131; 72:515; var. *tremuloides* 72:515; *vancouveriana* 69:77; *voyana* 69:78; *washoensis* 69:78, 80
- Porana* 69:437; *paniculata* 69:437
- Porcelia triloba* 56:255
- Porella pinnata* 53:121; *platyphylloidea* 59:256, 258
- Porellaceae* 53:121
- Porophyllum amplexicaule* 63:123 (fig. 23), 128; *porophyllum* 67:355; *ruderales* 67:355
- Porotrichum alleghaniense* 62:161
- Porphyra* 75:542, 580; *leucosticta* 72:118, 200-201, 203, 239, 324, 335; 75:59-60, 62, 272; *linearis* 66:218, 228; 71:154; 72:118, 200-201, 203, 231, 239; *miniata* 66:229; 71:124, 131; 72:118, 200, 203, 230-232, 239, 325, 335; 74:426; 75:272; *umbilicalis* 66:228-229; 71:131; 72:118-119, 200, 204, 206, 231, 239, 325, 335; 73:283; 74:264, 411, 426; 75:59, 272; f. *epiphytica* 71:131; 72:118, 204, 239, 325, 335; 74:426; f. *linearis* 72:203
- Porphyridium* 64:58
- Porphyropsis coccinea* 72:202, 239
- Porphyrosiphon notarisii* 75:289; *splendidus* 75:290
- Porphyrospatha hoffmannii* 62:252, 256
- Porterinema fluviatila* 73:278
- Portlandia grandiflora* 69:446
- Portulaca* 69:405; *gagatosperma* 66:8; *grandiflora* 62:108, 115; *lanceolata* 52:168; *oleracea* 57:285; 60:65; 62:108, 115; 63:288; 69:405; 72:517; *phaeosperma* 57:285; 67:330; 69:

- 405; pilosa 57:285; 69:405; 70:397; var. hortualis 69:405; poliosperma 67:330; quadrifida 69:405; rubri-caulis 67:330; 69:405; smallii 70:394, 397, 405; teretifolia 67:330; umbraticola 69:405
- Portulacaceae 55:148; 62:108, 112; 64:150; 67:330; 69:405, 466; 75:243, 415
- Potamogeton 53:41-42, 58; 54:237; 75:75-76; acutifolius 70:170; alpinus 52:128; var. subellipticus 65:76; var. tenuifolius 58:321; americanus 68:218; amplifolius 51:109; 52:286; 53:265; 55:117; 73:254; berchtoldii 54:244; 55:48, 116; 74:135; var. colpophilus 53:19; var. lacunatus 72:47; var. polyphyllus 51:109; 54:244; var. tenuissimus 51:109; 73:254; 74:135; capillaceus 73:254; 74:135; confervoides 51:8; 54:238-243; 58:246; 74:135, 138-139; crispus 53:24; 70:170-171; 74:132; epihydrus 52:286; 67:317; var. nuttallii 54:250; 55:15, 48, 117; 65:76; 72:509; 73:253; var. ramosus 74:135-136; var. typicus 55:116; fibrillosus 75:75-76; filiformis 54:203; 74:131; var. borealis 53:14, 156; 54:223; 74:131; var. macounii 74:131; fluitans 67:317; foliosus 75:75:76; var. fibrillosus 75-76; var. foliosus 75:77; var. macellus 55:116; friesii 63:40; 70:203; 74:133; gemmiparus 65:76; 74:135; gramineus 55:11, 48; 65:78; 70:203; 73:253; var. gramineus 73:254; 74:135; var. maximus 55:117; 73:253, 255; var. myriophyllus 73:255; 74:135; var. typicus 55:117; hillii 74:134; illinoensis 63:251; insulanus 67:317; longiligulatus 74:133-134; natans 55:11, 117; 58:77; 67:195; 70:170, 203; 73:253, 255; 74:135; nodosus 54:245; 55:117; 65:78; 67:317; oakesianus 67:376; 72:509; 73:255; oblongifolium 67:84; oblongus 52:128; obtusifolius 52:286; 53:50; 54:244; 73:298; panormitanus 54:137; 59:265; pectinatus 53:19; 54:238-239; 70:171; 72:48; 74:133; perfoliatus 55:42; 63:40; subsp. richardsonii 71:504; var. bupleuroides 53:19; 54:246; 73:298; polygonifolius 52:128; praelongus 53:265; 55:48, 117; 74:137; pulcher 54:245; 55:15; 73:253-254; pusillus 54:137; 59:265; 70:171; richardsonii 54:245-246; 55:117; 63:40; robbinsii 52:286; 55:116; 58:321; 73:254; rotundifolium 67:84; spathulaeformis 69:453; spirillus 54:223; 55:48, 116; 73:254; 74:135; strictifolius var. rutiloides 74:133; subsibiricus 71:504; trichoides 70:171; tuckermani 54:240; vaginatus 70:203; 71:504; vaseyi 54:245; zosterifolius 70:203; zosteriformis 54:244; 55:116; 74:134, 137
- Potamogetonaceae 63:211; 67:317; 75:75
- Potentilla 61:272; anglica 51:390-391; 61:152-154; f. parviflora 61:153; anserina 54:202; 55:362; 64:343, 346; 65:92, 365; 69:310, 317; 71:521; 75:318; argentea 69:310, 318; 72:519; var. pseudosalabra 69:310; arguta 53:9; 55:168; 58:323-324; 69:310, 315; 72:47; biflora 65:211, 218; bipinnatifida 55:362; canadensis 51:111; 60:67; 61:153; 69:310, 316; 71:170; 72:519; var. villosissima 69:310; canescens 69:310; concinna 70:45; crantzii 52:227; egedei var. egedei 71:505; var. groenlandica 64:343, 346; 65:92, 365; 69:310, 317; 71:25, 521; 72:519; 75:57; elegans 71:505; emarginata 54:40-41; 65:218; var. typica 54:55, 283; erecta 69:310; fruticosa 53:20; 55:51, 167; 57:302, 308; 62:260; 67:92; 69:310, 315; 70:184-185, 210; 72:416; var. tenuifolia 55:167; glabrella 55:168; gracilis 69:310; var. pulcherrima 55:82, 168; 69:310, 318; hippiana 56:248; humifusa 70:45; hyparctica 54:55, 283, 285; 65:218; intermedia 53:160; 69:310, 318; ledebouriana 65:211, 218; millegrana 64:358; 69:310, 318; mollis 70:45; monspeliensis 55:168; nivea 54:280, 282-283; 67:381; norvegica 64:345; 65:92; 69:310, 315; 71:521; 72:519; 75:318, 390; var. hirsuta 55:168; var. labradorica 69:310, 316; var. monspeliensis 64:358; palustris 55:47, 168; 58:59; 63:43; 65:92, 218; 69:310; 73:258; 74:391; var. villosa 69:310, 315; 72:519; paradoxa 57:322; pectinata 69:310, 317; 72:519; pensylvanica 55:168; var. pensylvanica 58:323-324; procumbens 51:390; 61:152, 154; pro-pinqua 74:83; pulchella 54:49, 52; recta 51:24, 111; 69:310, 318; reptans 61:154; 69:310, 318; robbinsiana 65:337; 66:408, 410; 69:32, 310, 316; simplex 51:111; 52:295; 69:310, 316; var. calvescens 65:92; 69:310, 316; 72:519; var. simplex 72:519; tridentata 55:41, 46, 168; 60:248, 253; 69:310, 316; 74:367-368, 370, 374; 75:155; uniflora 65:

- 218; 71:505; *vahlia* 54:280; *verna* 69:310, 318
- Pothomorphe* 69:400; *peltata* 67:327; 69:400; *umbellata* 67:327
- Pothos hermaphroditus* 62:252, 254, 256-257; *jambea* 62:252, 254-256
- Pottia lanceolata* 62:171; *truncata* 62:154
- Pottiaceae 53:123; 62:147, 154
- Poulsenia* 70:121
- Pouteria dictyoneura* subsp. *fuertesii* 67:345; *hotteana* 67:345; *mammosa* 67:345; *multiflora* 67:345
- Prasiola crispa* 71:154; *stipitata* 72:116, 318, 332; 74:266
- Prasiolaceae 74:266
- Preissia quadrata* 60:234
- Prenanthes alba* 55:210, 225; *altissima* 51:112; 72:528; f. *hispidula* 72:528; f. *integra* 65:95; *boottii* 74:367; \times *mainensis* 56:252; *racemosa* 53:9, 271; 56:252; *trifoliata* (see *trifoliolata*); *trifoliolata* 51:112; 53:19; 54:181; 56:252; var. *nana* 65:95; 72:528; var. *trifoliolata* 72:528
- Prestoea montana* 67:322
- Prestonia* 69:435; 70:326-328; *acutifolia* 71:548, 550; *agglutinata* 67:346; 69:435; *amazonica* 70:324, 326-328
- Prickothamnus* 70:531
- Primula* 75:115; subsect. *Eu-Farinosae* 62:31, 41; *borealis* 62:36-37; var. *borealis* 65:220; *capitellata* 62:38; *decipiens* 62:38, 40; *egaliksensis* 65:220; 67:381; *farinosa* 62:37-38, 40; 64:338; *hunnewellii* 62:36; *incana* 62:35-38, 39 (fig. 14), 40; *intercedens* 55:51, 76, 184-185; 57:113; 62:32-33; *kewensis* 57:106; *laurentiana* 62:32, 34-38, 39 (figs. 10-11, 13), 40; 65:286-288, 364-365; *magellanica* 62:38; *mistassinica* 55:51, 184-185; 60:248; 62:32-34, 36-38, 39 (figs. 1-2); 68:414 (fig. 10, map), 417; 70:186; f. *leucantha* 56:40; 62:39 (figs. 3-7); var. *mistassinica* f. *leucantha* 62:34, 37; f. *mistassinica* 62:34, 37; var. *noveboracensis* 62:34, 37, 39 (figs. 8-9); *nivalis* 71:506; *rusbyi* 62:40; *scandinavica* 62:38, 40; *scotica* 62:40; var. *scandinavica* 62:40; *sibirica* 65:211, 220; *specuicola* 62:36-37, 39 (fig. 12), 40-41; *stricta* 62:37-38, 41; *tschuktschorum* 65:211, 220
- Primulaceae 52:296; 55:184; 63:211; 64:147, 152; 75:320
- Pringlea* 75:239, 241, 243, 245 (fig. 4), 246; *antiscorbutica* 75:241, 242 (fig. 2)
- Pringsheimiella scutata* 71:117
- Prinodia* 53:232
- Prinos* 53:232; *ambiguus* 53:236-237; *confertus* 53:236; *deciduus* 53:235; var. *aestivalis* 53:235; *gronovii* 53:236; *padifolius* 53:236; 59:22; *prunifolius* 53:236; *verticillatus* 53:236
- Pristimera caribaea* 67:338
- Priva* 69:439; *lappulacea* 69:439
- Proboscidea sabulosa* 68:426, 427 (pl. 1335)
- Proserpinaca palustris* 73:56, 259; *pectinata* 71:33; 73:253, 259
- Prosopis* 69:257, 409; 75:341, 355, 359; *juliflora* 69:409; var. *glandulosa* 52:19; 56:210; *limensis* 67:332
- Proteaceae 59:242; 69:401
- Protium heptaphyllum* 65:114
- Protoderma marinum* 71:118, 527; 74:415; 75:262; *viride* 64:56; 67:251
- Protosiphon botryoides* 67:251
- Protosiphonaceae 67:251
- Prunella parviflora* 52:58; *vulgaris* 60:66; 73:556; f. *albiflora* 56:40; var. *lanceolata* 55:188; 72:524; f. *candida* 54:258; f. *iodocalyx* 55:188; 72:524; var. *parviflora* 52:58
- Prunus* 75:2; *alleghaniensis* 69:310, 317; *americana* 58:330; 65:77; 69:311, 316; var. *lanata* 58:330; var. *mollis* 58:330; *angustifolia* 73:111; *avium* 69:311, 318; 72:520; *borealis* 55:295; *caroliniana* 70:225; 73:492, 502, 504-505, 512, 514; *cerasifera* 69:311, 318; *cerasus* 69:311, 318; *cuneata* 54:173; *depressa* 53:9; 69:311, 316; *domestica* 69:311, 318; *emarginata* 73:375; *geniculata* 64:234; *gravesii* 69:311, 317; *insititia* 69:311, 318; *injucunda* 54:173; *lanata* 58:330; *mahaleb* 69:311, 318; *maritima* 69:311, 317; 71:19-20, 25; 72:520; *mexicana* 58:331; 59:126; 63:20; *mitis* 54:172; *mollis* 58:330; *myrtifolia* 67:331; *nigra* 58:330; 69:311, 315-316; *occidentalis* 67:331; *pensylvanica* 52:295; 53:238; 55:45, 169; 63:65; 65:92, 156; 69:311, 315; 72:520; *persica* 69:311, 318; 71:25; *pumila* 54:173; *serotina* 54:64; 56:84; 60:67; 63:65, 288; 69:311, 316; 71:20, 25; 73:502, 504-505, 508, 510-511, 531; 74:321; subsp. *eximia* 56:84; subsp. *hirsuta* 56:84; 58:115; subsp. *serotina* 56:84; 58:115; *spinosa* 69:311, 318; *susquehanae* 51:10; 54:173; 55:169; 69:311, 316; 70:452; *umbellata* 52:262; 58:330; 73:492; *virginiana* 51:20; 52:276; 54:255; 55:169; 56:208; 58:247, 318; 60:67, 69; 63:295;

- 65:92, 156; 67:373; 69:311, 315; 72:520; f. *deamii* 54:254; var. *melanocarpa* 51:20
- Pseudanamomis umbellulifera* 67:343
- Pseudananas* 71:36, 278; *sagenarius* 71:278
- Pseudapiospora thistletonia* 71:201
- Pseudechinolaena* 68:105, 296; *polystachya* 68:296
- Pseudehretia* 53:232
- Pseudendoclonium marinum* 71:118, 527; 72:116, 318, 332; 74:409, 415, 478, 485-487; 75:58, 61, 262; *submarinum* 73:269
- Pseuderanthemum* 69:444; *atropurpureum* 69:444
- Pseudisothecium myosuroides* 62:161
- Pseudobaeomyces* 56:107; *insignis* 56:108; *pachycarpus* var. *stipitatus* 56:108
- Pseudobarleria* 72:546
- Pseudocolus javanicus* 61:135; *schellenbergiae* 61:127, 135
- Pseudocymopterus tidestromii* 59:166
- Pseudoelephantopus* 69:449; *spicatus* 67:354; 69:449
- Pseudoleskea catenulata* 62:171; *patens* 62:161
- Pseudolithodermum extensum* 74:419, 427
- Pseudomassaria erumpens* 71:200; *inversa* 71:199 (figs. 15-18), 200; *leucothoës* 71:201; *oxydendri* 71:200; *thistletonia* 71:199 (figs. 19-20), 200-201
- Pseudombrophila deerrata* 71:201
- Pseudosophora* 70:521-522; *sericea* 70:523
- Pseudotsuga menziesii* 73:186; *mucronata* 57:333, 335; *taxifolia* 57:332-333; 58:180
- Psidium* 69:431; *amplexicaule* 67:342; 69:431; *cattleyanum* 67:342; *galapageium* 75:143; *guajava* 57:287; 69:431
- Psilactis* 69:478-479; *asteroides* 64:253, 260 (fig. 9), 264; 65:228; *brevilingulata* 64:253, 264; *coulteri* 64:253
- Psilocarya nitens* 65:28, 33; 67:322; *portoricensis* 67:322; *scirpoides* 65:28, 33
- Psilochilus macrophyllus* 59:250; 67:325
- Psilostrophe gnaphalodes* 63:128; 65:231, 232 (fig. 29), 238-239; *tagetina* 65:231, 232 (fig. 30), 238
- Psilotum nudum* 57:276, 283
- Psoralea alnifolia* 64:62; *argophylla* 70:48; *argyropylla* 51:20; *cuspidata* 70:47; *esculenta* 57:291, 293; 67:26; 70:47; *holosericea* 72:66-67; *incana* 57:291; 70:48; *macrorrhiza* 70:47; *melitoides* 68:392; *mexicana* 72:66-67; var. *trianae* 72:66-67; *mollis* 56:256; *multijuga* 69:48-50; *psoraloides* 68:392; *subacaulis* 69:384; *tenuiflora* 56:208; f. *alba* 56:160
- Psychotria* 69:446; 71:535-537; *brownei* 69:446; *grosourdyana* 69:376; *guadaloupensis* 69:376; *lanceolata* 66:19; *ligustrifolia* 69:446; *microdon* 67:353; 69:446; *nervosa* 57:277; 66:19; 69:376; *pinularis* 67:353; 69:446; *undata* 57:288; 69:376, 446; *viridis* 71:535, 538 (fig. 1), 539
- Psychotrophum* 71:535, 537
- Ptelea trifoliata* 53:240; 56:208; f. *pubescens* 54:209
- Pteretis* 52:246-247; *pensylvanica* 51:109; 52:247; 55:97; 57:219, 227, 236, 239; 63:40; f. *pubescens* 55:97; *struthiopteris* 52:246
- Pteridaceae* 71:31
- Pteridium aquilinum* 57:228; 62:183; 64:18; 71:31; 72:281; 73:401; 75:144; subsp. *aquilinum* var. *pubescens* 72:497; var. *aquilinum* 62:231; var. *arachnoideum* 67:357; var. *caudatum* 57:283; 67:357; 73:206; var. *feei* 62:177 (fig. 1), 180; 63:343; var. *latiusculum* 53:20; 54:64; 55:45-46, 100; 57:228, 236; 59:240; 62:231; 65:87; 72:508; var. *pseudocaudatum* 57:224, 228, 229 (fig. 14), 236, 239, 283; 62:231; var. *pubescens* 62:231; *arachnoideum* 67:357; *caudatum* 67:357
- Pteridophyta* 51:109; 52:41
- Pterigoneurum subsessile* var. *kieneri* 51:128
- Pterigynandrum filiforme* 59:26; 62:166
- Pteris* 70:2-3, 8; *altissima* 63:196, 202, 203 (fig. 11); *biaurita* 63:195, 200, 203 (fig. 8); 70:2; *coriacea* 63:199; *costaricensis* 63:200; *cretica* 63:195, 196, 197 (fig. 2); 70:2; *denticulata* 62:10; *fraseri* 62:9-10; *grandifolia* 62:10; 63:195-196, 197 (fig. 1), 205; *killippii* 63:86; *kunzeana* 63:202; *lechleri* 63:86; *livida* 63:195, 201, 203 (fig. 10); *longicaudadel* 63:205; *macrodictya* 63:205; *mollis* 63:199; *muricata* 63:195, 199, 201 (fig. 6); *muricella* 63:195, 197, 199, 201 (fig. 7); *navarrensensis* 63:205; *paucinervata* 63:195-196, 197 (fig. 3), 198; *petiolulata* 62:3 (fig. 3), 9-10; *podophylla* 63:196, 203 (fig. 12), 204-205; *prolifera* 63:205; *propinqua* 63:195, 200, 203 (fig. 9); *pungens* 63:195, 197 (fig. 4), 198, 205; *quadriaurita*

- 63:195, 198, 201 (fig. 5), 205; 70:2; tripartita 63:196, 203 (fig. 13), 204; vestita 62:10; 63:86; vittata 75:412
- Pterocarpus* sect. *Ateleia* 70:506; ateleia 70:506, 511-512; gummifer 70:514
- Pterocarya rhoifolia* 73:213
- Pterocaulon* 69:449; alopecuroides 70:230 (fig. 20), 232, 238; undulatum 70:232; virgatum 69:449
- Pterophyton heterophyllum* 74:99-100; pauciflorum 74:99
- Pteropsis vittarioides* 66:116
- Pterygynandrum* (see *Pterigynandrum*)
- Ptilidiaceae* 53:120
- Ptilidium ciliare* 59:259; pulcherrimum 59:259; 72:493
- Ptilimnium* 72:395; capillaceum 57:287, 320; 66:379; 71:20-21, 26; 72:393, 394 (pl. 1); costatum 57:320; 74:148; 75:395; fluviatile 60:20; nuttallii 57:320
- Ptilium crista-castrensis* 62:167
- Ptilota pectinata* 71:153; plumosa 54:276; 71:137; serrata 66:223, 229; 71:137; 72:118, 200, 215, 224, 230-232, 239, 324-325, 335; 73:285; 74:269, 426; 75:59-60, 62
- Ptychomeria portoricensis* 67:325
- Ptychomitriaceae* 62:147, 158
- Ptychomitrium drummondii* 53:124; incurvum 62:158
- Ptychopetalum* 71:439
- Ptychosema* 51:222
- Puccinellia* 52:53; 54:42-45, 197-199; 68:99, 115; sect. *Torreyochloa* 54:44; angustata 54:278; cusickii 63:41; distans 54:43, 198; 59:27; 60:264; var. angustifolia 69:377; fernaldii 68:445; grandis 54:198; laurentiana 53:11; 66:143; 71:519; var. laurentiana 65:88; 66:62; maritima 72:509; oresigena 68:115; pallida 54:44; parvula 68:115; paupercula 54:40; var. alaskana 51:7; 64:344; 65:88; 66:62, 143; 71:519; 72:509; 75:314; var. paupercula 65:88; 66:143; pumila 51:7
- Pucciniaceae* 73:473
- Pucciniastrum myrtilli* 64:99
- Pueraria phaseoloides* 67:335
- Punctaria* 73:293; chartacea 73:295; latifolia 71:127; 72:321, 337; 74:267, 298; 75:270; plantaginea 66:232; 71:127, 153; 72:326; 74:298; 75:270; var. rugosa 73:293, 294 (fig. 1)
- Punctariaceae* 71:126; 74:267; 75:270
- Punica* 69:429; granatum 69:429
- Punicaceae* 69:429
- Puya* 71:35-36, 49; subgen. *Pitcair-*
niopsis 71:36-37; subgen. *Puya* 71:37, 41; alata 71:37, 41; alba 71:38, 47; atra 71:39, 48; boliviensis 71:56; brittoniana 71:41, 55; cardenasii 71:40, 53; cristata 71:37, 43; ctenorhyncha 71:40, 52; dyckioides 71:39, 48; ferruginea 71:38-39, 46; fiebrigii 71:38-39, 44; fosteriana 71:40, 52; glabrescens 71:39-40, 48; glareosa 71:38-39, 45; hauthalii 71:41-42; herzogii 71:40, 53; hofstenii 71:37, 41; humilis 71:41, 55; kuntzeana 71:39-41, 50; lasiopoda 71:40, 51; laxa 71:37, 43; leptostachys 71:40, 53; meziana 71:38-39, 44; micrantha 71:56; minima 71:39, 50; mirabilis 71:39, 50; mollis 71:39-40, 49; nana 71:41, 54; olivacea 71:38, 45; paupera 71:40-41, 51; pearcei 71:38, 47; penduliflora 71:38, 47; potosina 71:37, 42; raimondii 71:41, 56, 57 (fig. 1); reducta 71:39, 49; riparia 71:38, 46; rusbyi 71:37, 42; sanctae-crucis 71:38, 43; secunda 71:38, 44; spathacea 71:41; stenothyrsa 71:38-39, 45; tristis 71:40, 52; trollii 71:37, 42; tuberosa 71:39, 49; tunarensis 71:40, 54; ugentiana 71:40, 52; ultima 71:37, 41; valida 71:40, 51; weddelliana 71:41, 55; werdermannii 71:55
- Pycnanthemum* 64:147; 72:502; alatum 64:184-185; albescens 64:153; dichotomum 70:45; incanum 57:75; 74:292; pilosum 70:45; 72:50; tenuifolium 72:50; 74:292; var. laurencei 72:50; torrei 74:292; verticillatum 74:292; virginianum 54:254; 74:292
- Pycnopus sanguineus* 66:15
- Pylaiella littoralis* 66:232; 71:123; 72:117, 202, 321, 337; 73:278; 74:266, 298, 419; 75:59, 268
- Pylaisia* 52:72; intricata 62:168; jamesii 52:72; 62:148, 168; polyantha 52:72; 62:168; var. jamesii 52:72; selwynii 53:126; 62:168; 64:125; subdenticulata 62:168
- Pyrenoglyphis microcarpa* 65:259
- Pyrenophora macrospora* 71:197-198
- Pyrethrum bonplandianum* 63:152, 156; 67:182
- Pyrola* 72:480, 483; asarifolia 51:103; 53:11; 55:180; 72:483-484; var. asarifolia 72:482 (fig. 2), 484; var. incarnata 51:103; var. purpurea 51:103; 53:15; 72:484; chlorantha 55:180; 62:261; 74:396-397; compacta 72:480, 481 (fig. 1), 483-484; elliptica 53:10; 55:180; 71:307; 72:480, 481 (fig. 1), 483, 523; grandiflora

- 54:49; 55:251; 65:220; 67:381; 71:508; 72:484; *incarnata* 62:261; *minor* 55:54, 180; 62:261; 72:484; *oxypetala* 72:482 (fig. 2), 483-484; *rotundifolia* 55:295; *incarnata* 51:103; *purpurea* 51:103; var. *americana* 55:180; 72:523; *secunda* 55:46, 179, 295; 70:210; 72:523; var. *obtusata* 55:180; *uniflora* 55:295; *virens* 55:180; 72:483; 74:396-397; f. *paucifolia* 55:180; 72:523
- Pyrolaceae* 55:179; 75:319
- Pyrrhopappus carolinianus* 66:380; 73:497
- Pyrrhophyta* 63:280; 69:57
- Pyricularia pubera* 59:18
- Pyrus* 51:366; 75:313; *americana* 55:45-46, 165, 358-360; 58:247; 65:23; 66:61; 67:402; 69:311, 316; 72:519; 75:318; var. *decora* 55:358, 360; *angustifolia* 60:293-294; *arbutifolia* 69:311, 316; 71:25; var. *melanocarpa* 51:111; *arnoldiana* 69:311; *aucuparia* 51:111; 69:32, 311, 318; 72:519; *baccata* 69:311, 318; *communis* 69:311, 318; *coronaria* 60:293-294; var. *lancifolia* 60:294; *decora* 55:46, 165; 58:247; 65:92; 66:61; 69:311, 316; 72:519; 75:318; var. *groenlandica* 69:311, 316; *dumosa* 55:360; *floribunda* 63:66; 69:311, 315; 71:307; 72:519; 75:318; *ioensis* 60:294; *lancifolia* 60:293; *magdaburgensis* 69:311; *malus* 69:311, 318; 72:519; 75:318; *melanocarpa* 51:111; 52:295; 55:165; 57:314-315; 59:122; 60:206; 65:92; 69:311, 315; 71:307; 72:519; *micrantha* 55:360; *microcarpa* 55:358, 360; *mixta* 69:311; *pinnatifida* 69:311, 318; *prunifolia* 69:311, 318; *sambucifolia* 55:360; *shurangiaca* 69:311; *sitchensis* 55:360; *soulardi* 69:311, 318
- Pyxidanthera barbulata* 69:59
- Pyxine soredata* 60:83
- Quadrigula closteriodes* 71:457; *lacustris* 63:277; 71:457
- Qualea* 70:337
- Quamoclit coccinea* 67:347; 73:49; *quamoclit* 67:347; 69:436
- Quekettia pygmaea* 59:288
- Quercus* 70:221, 224; 72:534; *acuminata* 53:251, 254, 263; *agrifolia* 73:183; *alba* 51:231; 52:275; 53:250-253, 256-259, 262-264; 54:64, 132, 134; 58:128, 132, 318; 60:67, 71; 61:21; 63:65-67; 67:402; 70:224; 73:183, 491; f. *latiloba* 58:128; f. *repanda* 58:129; *alexanderi* 62:130; *aplegatei* 73:140 (fig. 13), 142; *bebbiana* 53:262-263; 58:129; *bicolor* 51:132; 53:257, 259, 262-263; 58:129, 132; 62:200; *borealis* 67:386; 69:54; var. *maxima* 53:262; *brayi* 59:306; *catesbei* 56:256; *chapmanii* 65:280; *cinerea* 56:256; *coccinea* 56:256; 58:129, 132; 60:206; 61:21; 63:65; *comptonae* 53:263; *crispula* 73:213; *deamii* 53:250-251, 253-260, 262-264, (pls. 1176-1180); *douglasii* 73:185-186; *ellipsoidalis* 52:56; 54:134; 74:390; var. *kaposianensis* 52:56; *falcata* 52:148, 150; 53:262; 60:206; 70:224-225; 73:491, 501, 504, 506, 508, 510-511, 513; var. *pagodaefolia* 58:130; 69:453; var. *pagodifolia* 69:453; *faxonii* 58:129; *fernowi* 58:129; *fisherii* 53:261; *gambelii* 52:24; *garryana* 73:186; *georgiana* 70:394; *gravesii* 73:388; *grisea* 51:19, 23; *harvardii* 65:204; *hawkinsiae* 54:76-77; *hawkinsii* 54:76; *heterophylla* 53:249, 260, 262; *hillii* 53:260-261, 263-264; *ilicifolia* 58:129, 132; 70:220, 224; *imbricaria* 52:227; 53:260; 58:129; 60:206; *incana* 53:231; 70:290; 73:491; *laevis* 60:291; 70:290; 73:491; *laurifolia* 70:224; *leana* 58:129; *lyrata* 51:132; 53:261-263; 73:491, 504, 506, 508, 510, 512, 514; *macrocarpa* 52:274; 53:250, 253, 255-264, (pls. 1177-1180); 55:226; 58:129, 133, 318; 62:200; 69:458; f. *olivaeformis* 58:129; 69:453; f. *oliviformis* 69:453; var. *fisheri* 53:261; var. *monstrosa* 53:261; var. *olivaeformis* 53:254; *macrocarpon* 56:255; *margaretta* 70:290; *marilandica* 53:262; 73:491, 502, 504, 506, 512, 514; *michauxii* 53:254; 63:325; *montana* 53:254, 259; *muhlenbergii* 53:250-264, (pls. 1176-1180); 58:129, 133; 59:306-307; 64:333; f. *alexanderi* 58:129; 66:312; *nigra* 56:256; 70:224; 73:492, 501, 504-505, 512, 514; *novemexicana* 74:83; *obtusiloba* 56:256; *pagodaefolia* 69:453; *pagodifolia* 69:453; *palustris* 51:155; 53:260; 54:304 (figs. 1-2); 58:129, 133; 74:148; *phellos* 51:132; 53:262; 70:224; f. *intonsa* 51:132; *porteri* 54:77; 58:129; *prinoides* 53:254, 261; 58:129, 132; 59:306-307; var. *acuminata* 59:306; f. *alexanderi* 62:130; var. *prinoides* 59:306; var. *rufescens* 58:129, 133; *prinus* 51:132; 53:254, 259; 58:93, 129, 133; 59:306; 61:21; 63:65, 67-68, 324-325; *pumila* 51:133; *rehderi* 58:

- 129; *reticulata* 74:350; *×robbinsii* 58:129; *robur* 58:129; 74:529; *rubra* 53:3, 262; 54:64, 303; 57:131; 58:93, 129, 132; 60:67, 71; 61:21; 63:65, 68; 64:18, 333; 67:408; 69:458; 72:12, 281, 516; var. *borealis* 58:129, 131; 62:196; 66:312; *rudkini* 53:249, 262; *×runcinata* 54:212; *×saulii* 58:129; *×schnettei* 53:262-263; *serrata* 73:213; spp. 51:19; *stellata* 52:275; 53:250; 58:129, 133; 69:331; 70:225; 73:492, 502, 504, 506; var. *margaretta* 58:129, 133; 73:492; *stelloides* 58:129; *triloba* 56:256; *undulata* 56:207; *velutina* 52:293; 58:129, 132, 318; 60:206; 61:21; 63:65, 67; 70:224; f. *dilaniata* 58:129; f. *macrophylla* 54:253; 58:129; f. *pagodaeformis* 58:129; *virginiana* 51:133; 53:263; 57:278, 285; 59:254; 70:224-225; 73:205, 222; f. *macrophylla* 51:133; var. *eximea* 54:77; var. *eximia* 54:77; var. *geminata* 51:133
- Quincula* 60:114; 69:84; *lepidota* 60:108, 171; 69:225; *lobata* 60:171; 69:225
- Quisqualis* 69:430; *indica* 69:430
- Rachicallis americana* 75:111-113
- Radicula palustris* 67:331; 69:373; *portoricensis* 67:331
- Radiofilum flavescens* 64:56
- Radiosphaera nemiahi* 58:161; *sol* 58:161
- Radula caloosiensis* 59:254, 256, 258; *complanata* 59:256, 258; *langloisii* 59:256; *obconica* 53:121; 59:254, 256, 258; *tenax* 59:254, 258
- Radulaceae* 53:121
- Rafflesia* 70:426
- Ralfsia borneti* 72:322, 338; 74:419-420, 428; *clavata* 71:123; 72:322, 338; 73:278; 74:420, 428, 479-481, 486; *fungiformis* 66:232; 71:123; 72:117, 322, 338; 74:267, 420; *pusilla* 72:322, 338; *verrucosa* 71:123; 72:322, 338; 73:278; 74:409, 420, 479-481, 486; 75:59
- Ralfsiaceae* 71:123; 74:267
- Ramalina calicaris* var. *subampliata* 75:306-307; f. *pyrifera* 75:308; f. *subpapillosa* 75:308; *canariensis* 75:307; *fastigiata* 75:307; var. *subampliata* 75:306-307; *fraxinea* 75:307; *pollinaria* 60:76; *subampliata* 75:306-307, 309 (fig. 1); *subampliata* 75:306
- Ramischia obtusata* 62:261; *secunda* 62:261
- Ranium niveum* 75:386
- Randia* 69:446; *aculeata* 57:277, 288; 67:313, 353; 69:446; *mitis* 67:353; 69:446
- Ranunculaceae* 52:294; 55:149; 62:110, 112; 63:211; 64:150; 72:17; 75:318
- Ranunculus* 72:565; 75:507; *abortivus* 54:64; 62:110, 114; 72:2; var. *acrolasius* 55:150; 62:110, 112-113; var. *eucyclus* 62:110, 113; var. *typicus* 55:150; *acris* 51:390; 52:294; 55:47, 150; 60:65; 62:110, 115; 64:345; 65:91; 71:521; 75:318; var. *acris* 72:517; var. *latisectus* 62:110, 115; 67:196; *alismaefolius* 51:166; *alleghehiensis* 62:110, 114; *ambigens* 51:164-166; 62:110, 114; var. *obtusiusculus* 51:166; *aquatilis* 71:505; *arvensis* var. *tuberculatus* 60:15; *bulbosus* 52:294; 62:110, 115; 72:517; var. *dissectus* 62:110; var. *valdepubens* 62:110; 69:453; var. *valdipubens* 69:453; *cardiophyllus* 74:391; *carolinianus* 74:149; *circinatus* 51:31; *cymbalaria* 55:13; 62:110, 115; 65:91; 71:516, 521; 72:517; 75:318; *delphinifolius* 51:110; *fascicularis* 52:160-161; 62:110, 114; *ficaria* 52:184; 56:24; 62:110, 115; 63:289-290; 72:499; var. *bulbifera* 63:289, 291; var. *fertilis* 63:289; var. *ficaria* 63:289, 291; *filiformis* 55:13; *flabellaris* 51:110; 60:322; 62:111, 114; f. *riparius* 62:111; *flammula* β *laxicaulis* 51:167; var. *laxicaulis* 51:166; var. *major* 51:166; var. *reptans* 55:150; *gelidus* 54:141; *gmelini* 71:505; var. *hookeri* 61:276, 282; 62:111, 116; *harveyi* 54:132; 56:227; 57:319; 60:292; 63:20; *hispidus* 51:134; 62:111, 114; var. *falsus* 62:111, 114; *hyperboreus* 53:158; *lapponicus* 55:77, 149; 62:111-112; *laxicaulis* 51:164-167; 66:379; var. *mississippiensis* 51:166; *longirostris* 62:111-112, 114; *macounii* 53:15; 55:54, 82, 150; *micranthus* var. *delitescens* 55:160; 62:111, 114; *mississippiensis* 51:166; *mosleyi* 75:240; *nivalis* 54:49, 51, 216; 55:250; 65:216; *oblongifolius* 51:164, 166; *obtusiusculus* 51:166; *pallasii* 65:217; *parviflorus* 57:320; *parvulus* 60:15; *pedatifidus*; subsp. *affinis* 71:505; *pensylvanicus* 53:15, 158; 55:13, 150; 62:111, 113; *pusillus* 51:166; var. *denticulatus* 51:166; *pygmaeus* 54:141; *recurvatus* 53:10; 62:111, 113; 72:2; f. *laevicaulis* 62:111; *repens* 58:65; 60:34, 37, 65; 62:111, 115; 69:32; 71:170; 72:517; var. *erectus* 62:111, 115; var.

- glabratus* 62:111, 115; var. *linearilobus* 62:111, 115; var. *pleniflorus* 62:111, 115; 74:143; var. *villosus* 62:111, 115; 64:345; 71:521; *rep-tans* 51:31; 55:13, 150; 62:111, 113; 65:78; 70:205; 71:505; 73:258; var. *ovalis* 62:111, 113; 73:258; *salsuginosus* 62:260; *sardous* 60:15; *sceleratus* 53:268; 54:226; 62:111, 114; var. *multifidus* 53:158; *septentrionalis* 51:134; 55:46; 62:111, 113; 74:149; *sicaeformis* 69:453; *siciformis* 69:453; sp. 75:57; *subrigidus* 53:14; 62:111-112, 114; *sulphureus* 54:49, 51, 54, 216; 65:217; *texensis* 51:164-166; *trichophyllus* 51:31; 55:42; 62:111, 113; 73:258; var. *calvescens* 62:111, 113; var. *eradicatus* 55:149; var. *trichophyllus* 71:170; var. *typicus* 55:149; *turneri* 71:508
Rapanea guianensis 57:277, 287; 67:313; 69:433
Raphanus lanceolatus 62:12; *raphanistrum* 59:29; 60:16; 62:19; 63:49, 54, 149, 345; 65:91; 71:521; 72:518; f. *albus* 60:16; 71:170; f. *sulphureus* 64:101; *sativus* 62:19; 63:49, 54; 69:407; 72:518
Raphidium 64:58
Raphidophora celatocaulis 63:256
Rapistrum rugosum 61:187; 63:49, 55
Ratibida 66:267; 70:348-350, 353, 370-371; *columnaris* 57:293; 58:287; 70:369; 75:407; f. *denudata* 70:369, 371; f. *pulcherrima* 70:376; *columnifera* 57:293; 58:287; 60:116; 64:355; 66:267-268; 70:48, 348, 367, 369-370, 376, 386 (pl. 1395), 387, (pl. 1396), 388 (pl. 1397); f. *columnifera* 70:349-350, 355, 368 (pl. 1391), 369, 389 (fig. 9, map); f. *pulcherrima* 70:349-351, 355, 376, 377 (pl. 1392), 389 (fig. 9, map); var. *appendiculata* 70:369-370; var. *breviradiata* 70:369-370; var. *pulcherrima* 70:376; var. *tubularis* 70:369-370; *latipalearis* 66:267-268; 70:349-352, 355, 380, 381 (pl. 1393), 383, 386 (pl. 1395), 387 (pl. 1396), 388 (pl. 1397); 389 (fig. 9, map); *mexicana* 66:267-268; 70:348-352, 354-355, 356 (pl. 1387), 357, 386 (pl. 1395), 387 (pl. 1396), 388 (pl. 1397); 389 (fig. 9, map); *peduncularis* 70:348, 351, 362; var. *peduncularis* 70:349-350, 352, 355, 363 (pl. 1389), 364, 367, 386 (pl. 1395), 387 (pl. 1396), 388 (pl. 1397), 390 (fig. 10, map); var. *picta* 70:348-350, 355, 365 (pl. 1390), 386 (pl. 1395), 387 (pl. 1396), 388 (pl. 1397), 390 (fig. 10, map); *picta* 70:366; *pin-nata* 70:348-352, 354-355, 357, 358 (pl. 1388), 359, 386 (pl. 1395), 387 (pl. 1396), 388 (pl. 1397), 390 (fig. 10, map); *sulcata* 70:369; *tagetes* 70:348-352, 355, 383, 384 (pl. 1394), 385, 386 (pl. 1396), 387 (pl. 1396), 388 (pl. 1397), 390 (fig. 10, map); var. *cinera* 70:383
Rauivella scita 62:162
Rauwolfia 69:435; *lamarckii* 67:346; 69:435; *nitida* 67:346; 69:435; *tetraphylla* 67:346; 69:435; *viridis* 67:346; 69:435
Reynia perfoliata 56:256
Reboulia hemisphaerica 53:121; 60:230
Rebouliaaceae 53:121
Rectolejeunea maxonii 56:256, 258
Reedrollinsia cauliflora 73:461
Reimarochloa oligostachya 75:372
Remirea maritima 67:322; *pedunculata* 67:322
Renealmia antillarum 67:324; *aromatica* 67:324; *exaltata* 67:324
Reseda alba 63:50, 54; *lutea* 63:50, 54; *luteola* 63:50, 55; *odorata* 63:50, 55
Resedaceae 63:50-51
Retinophyllum 70:336; *concolor* 70:336; *speciosum* 70:336; *truncatum* 70:336
Reussia 75:426, 433, 449, 473; *grazielae* 75:474; *lagoënsis* 75:478; *rotundifolia* 75:474; *subovata* 75:478; *triflora* 75:449, 473, 478
Reverchonia 65:193, 194 (fig. 1), 197 (pl. 1286), 200, 203, 204 (fig. 6, map), 205; *arenaria* 52:20; 65:193, 201, 206
Reynosia 69:423; *uncinata* 69:423
Rhabdadenia biflora 57:287; 66:13; *paludosa* 66:13
Rhabdoweisia denticulata 54:157
Rhacoma crossopetalum 67:338; 69:421
Rhacomitrium aciculare 62:155; *ellipticum* 62:171; *heterostichum* 59:26; 62:155; var. *affine* 72:494; var. *ramulosum* 62:155; var. *sudeticum* 54:157; 62:155
Rhamnaceae 55:173; 67:339; 69:422; 71:32; 73:50; 75:418
Rhamnus alnifolia 55:173; *californicus* 73:375; *caroliniana* 57:319; var. *mollis* 54:127; *davurica* 74:392; *frangula* 52:163; 60:61, 65; 61:25; 72:14; var. *angustifolia* 61:25; *volubilis* 67:84; 70:41
Rhapidophyllum hystrix 65:361; 74:525

- Rheedia acuminata* 67:341; *portoricensis* 67:341
Rheo 70:66
Rheum rhaponticum 60:299, 305; 65:91; 66:142; 75:317
Rhexia 69:163, 165, 168-169, 172-176; *alifanus* 71:33; *ciliosa* 51:131, 137-138; *cubensis* 71:33; *filiformis* 66:380; *lutea* 71:33; *mariana* 71:33; var. *leiosperma* 51:20; var. *mariana* 75:394; *nashii* 71:33; *salicifolia* 75:369, 394; *stricta* 57:103; 66:380; *virginica* 52:177; 60:206; 69:163-165, 166 (fig. 1), 167 (figs. 2-11), 170 (pl. 1351), 171 (pl. 1352); 70:176; 71:33; 73:259; 75:394; var. *virginica* 69:163
Rhinanthus borealis 65:338; *crista-galli* 56:251; 64:346; 69:33; 71:172, 523; var. *crista-galli* 72:525; var. *fallax* 65:94; 75:320; *stenophyllus* 53:20
Rhipidopteris peltata 67:357
Rhizochrysidaceae 63:280
Rhizoclonium hieroglyphicum 58:117, 121; 63:276; 64:56; 73:67; var. *hosefordii* 64:56; *hookeri* 64:56; *implexum* 73:276; 74:482, 484-485; *kernerii* 71:120; *kockianum* 75:267; *riparium* 58:122; 71:116, 526; 73:269, 275; 74:411, 415, 484; 75:58, 267; f. *polyrhizum* 73:276; 74:482; f. *riparium* 73:275; 74:482; f. *validum* 73:276; 74:485; var. *implexum* 71:121; 72:116, 318, 332; spp. 71:117, 119; *tortuosum* 71:121; 72:116, 318, 332; 74:266, 415; 75:267
Rhizomnium pseudopunctatum 72:494
Rhizophora 69:432; 75:105; *mangle* 57:276, 279, 287; 66:19; 69:432; 73:206; 75:102-105
Rhizophoraceae 67:343; 69:432
Rhizopus sp. 73:308
Rhizosolenia eriensis 71:468
Rhodobryum roseum 53:124; 62:157
Rhodochorton 75:530, 535, 540, 566; *amphiroae* 75:551; *attenuatum* 75:583; *catenulatum* 75:86, 557; *concreta* 75:569; *daviesii* 75:81, 551; *efflorescens* 75:584; *emergens* 75:572; *endophyticum* 75:574; *entozoicum* 75:589-590, 608; *hallandicum* 75:84; *humile* 75:569; *infestans* 75:91; *intermedium* 75:536; *islandicum* 75:536, 541; *membranaceum* 75:91, 94, 566; *mesocarpum* var. *penicilliforme* 75:585; *microscopicum* 75:86, 557; *moniliforme* 75:87, 558; *parasiticum* 75:536, 540; *penetrans* 75:92; *penicilliforme* 75:585-586, 603 (figs. 62-63), 608; *purpureum* 71:132; 72:118, 200, 207, 230-232, 239, 325, 335; 74:426; 75:585-586, 603 (figs. 62-63), 608; *rhpidandra* 75:541; *rothii* 75:537, 540; *spetsbergense* 75:585; *subsimplex* 75:576; *tenue* 75:537, 540; *tenuissimum* 75:576, 581; *thuretii* 75:88, 560; *virgatulum* 75:94, 577
Rhododendron 51:367; 52:230; 55:205; 62:87; 75:517; *austrinum* 75:396-397; *calendulaceum* 65:283; 75:396; *canadense* 52:296; 64:98-99; 65:78, 93; 67:373; 68:36; 72:1, 14, 523; 75:320; *canescens* 75:397; *cumberlandense* 51:367; \times *gladwynense* 55:207-208, (pl. 1193); *lapponicum* 55:295; 60:251; 67:365, 381; 71:200; 74:367-368, 370, 374; *maximum* 52:215, 279; 57:193; 60:328-329; 61:148; 62:87, 92-93; 63:26-27, 61-66, 68-70; 65:22-23, 24 (map 1), 25; 71:201; 73:246, 248; 75:163; *minus* 73:246; *prunifolium* 55:205-207; \times *serrulatum* 55:206; *roseum* f. *albidum* 62:131; *serrulatum* 55:206; 66:379; sp. 72:79
Rhododermis elegans 74:426; *georgii* 71:134; 72:209; *parasitica* 71:134
Rhodomela confervoides 66:223-224, 229; 71:124, 138; 72:118, 201, 230, 232, 239, 325, 335; 74:270, 426; f. *gracilior* 66:224, 229; *lycopodioides* 71:154; *subfusca* 66:229
Rhodomelaceae 71:137; 72:226; 74:270; 75:280
Rhodomelia baerii 66:235; *juergensii* 66:235
Rhodomonas lacustris 71:464 (fig. 39), 465, 470
Rhodophyceae 71:130; 72:117, 194-235; 74:268, 411, 421, 433; 75:54, 59
Rhodophycophyta 75:271, 294
Rhodophyllidaceae 71:135; 72:214; 74:269
Rhodophyllis dichotoma 71:154; 72:215, 230, 239, 313, 325; 74:427
Rhodophysema elegans 71:134; 72:326; 74:426-427; *georgii* 71:134; 72:201, 209, 239, 325, 335
Rhodophyta 63:281; 66:224; 71:130, 527; 72:322; 73:282; 74:298; 75:78, 529, 531-532, 546, 556, 562, 588, 593
Rhodora 75:509
Rhodospatha picta 62:256
Rhodotypos scandens 52:295; 69:311, 318
Rhodymenia 75:584; *palmata* 66:219 (pl. 1298), 220, 229; 71:116, 132, 136; 72:118, 200, 206, 219, 231-232, 239, 325, 335; 74:269, 427

- Rhodymeniaceae 71:135; 72:218; 74:269
- Rhodymeniales 71:135, 527; 72:218; 73:284
- Rhoeo 71:564; discolor 67:323; spathacea 67:323; 71:441
- Rhus 51:367; acutiloba 73:402, 413; aegopodiifolia 73:132, 133 (fig. 9); ambigua 73:131, 206, 210-211; f. rishiriensis 73:206, 212; applegatei 73:142; aromatica 71:303; 73:411; 75:135; bahamensis 73:443; blodgettii 73:190, 203; borneensis 73:164, 165 (fig. 25); carpogena 73:131; copallina 54:79; 63:150; 73:95, 123, 172, 494, 501, 504, 506; var. copallina 73:119, 121, 123 (fig. 1), 125 (fig. 3), 128 (fig. 6); var. leucantha 73:119, 121; copallinum 54:79; coriaria 73:8, 95, 118-119, 121, 123 (fig. 1), 125 (fig. 3B), 128 (fig. 6), 129 (fig. 7), 134; divaricata 73:270; diversifolia 73:180; diversiloba 73:139, 172, 180, 185, 399; f. quinquefolia 73:175; f. radicans 73:175, 182; eximia 73:383; floridana 73:191; glabra 51:9-10; 54:303; 73:85, 119, 121, 123, 129, 131, 190, 202; greenei 73:370, 374; griffithii 73:95; hirta 73:85; humilis 73:190, 202; ×hybrida 51:10; hypoleuca 73:96; intermedia 73:213, 216; javanica 73:95-96, 128, 172; littoralis 73:191, 201, 435; lobata 73:173 (fig. 29), 175, 180; magnifolia 73:136 (fig. 11), 138; michauxii 73:93, 134, 399; microcarpa 73:190; microphylla 51:25; 52:19-20; nodosa 73:168, 169 (fig. 28), 171; orientalis 73:206, 211; paniculata 73:96, 99; parakensis 73:168, 171; pubescens 73:414; pumila 73:399, 443; punjabensis 73:94-96; var. sinica 73:119, 121; quercifolia 73:132, 133 (fig. 9), 134, 135 (fig. 10), 402, 412, 443; radicans 55:172; 57:276-278, 282, 286; 58:82; 60:70; 63:66; 71:19-20, 25-26; 73:84, 186, 188 (fig. 32), 190, 198, 202, 411, 415; f. hypomalaca 73:428-429; f. malacotrichocarpa 73:191; var. divaricata 73:370; var. laetevirens 73:370; var. littoralis 73:191, 201; var. microcarpon 73:190; var. radicans 72:521; var. rydbergii 54:64; 70:182; 73:380, 388; var. toxicodendron 73:190, 412; var. verrucosa 73:221, 377; var. volubilis 73:443; var. vulgaris 73:388; f. intercursa 73:189 (fig. 33), 191; f. negundo 73:228; rhomboides 73:376 (fig. 45), 378, 383; rishiriensis 73:102, 206, 212, 400; rydbergii 73:199, 399; saxatilis 73:370, 374-375; scandens 73:190, 202; semialata 73:128; succedanea var. japonica 73:210; sylvestris 73:94; toxicarium 73:402; toxicodendra 73:402; toxicodendroides 73:134; toxicodendron 73:82, 84, 100, 155, 162, 211, 402, 404 (fig. 52), 411-413, 443; f. elobata 73:87, 405, 414; f. leiocarpa 73:405, 415; f. malacotrichocarpum 73:191; f. radicans 73:190, 412; microcarpum 73:190; subsp. diversiloba 73:172, 175; subsp. microcarpon 73:190; subsp. negundo 73:228; subsp. radicans 73:190, 412; subsp. vulgaris var. volubilis 73:443; var. eximia 73:383; var. hispida 73:213, 214 (fig. 37), 216; var. microcarpon 73:84, 190; var. multifolia 73:182, 218, 221; var. pubens 73:218, 221, 226; var. quercifolium 73:84, 402, 412; var. radicans 73:190, 412; var. rydbergii 73:388; var. vulgaris 73:84, 211, 388; trichocarpum 73:94; tridentatum 73:370, 375; trilobata 56:208; 73:375; var. pilosissima 51:19, 25; typhina 51:10, 111; 53:10; 54:303; 56:228; 71:171; 72:521; 73:85, 119, 121, 123, 129, 131; variegatlobata 73:175; variifolium 73:443; venenata 73:100; vernicifluum 73:94; vernix 51:10; 52:227, 263; 71:32; verrucosa 73:221, 377 (fig. 46), 379-380, 383; villosum 73:224, 226; virens 73:388; wallichii 73:94
- Rhus-Toxicodendron radicans 73:412; toxicodendron 73:412
- Rhynchelytrum 68:108, 296; repens 68:296; 69:372; 75:413; roseum 57:284; 73:47, 75:413
- Rhynchosia 69:414; galactioides 61:183; 64:60; lewtonii 57:286; michauxii 57:278, 286; minima 57:286; 67:335; 69:414; phaseoloides 67:335; pitcheria 64:60; reniformis 64:61-62; reticulata 67:335; 69:414; sessiliflora 51:380; simplicifolia 64:61-62; var. tomentosa 73:493; tomentosa var. monophylla 64:62
- Rhynchosinapis cheiranthos 63:346; erucastrum 63:345
- Rhynchospora 67:114; sect. Eurhynchospora 52:23; 58:335; ser. Plumosae 58:335; sect. Plumosae 58:335; alba 53:160; 55:127; 65:28-29; 67:321; 70:206-208; 72:512; 73:256; andina 67:116, 119; aristata 67:115, 117; var. latilaminata 67:117-118; bahamensis 67:332; baldwinii 51:130; 62:202 (pl. 1254); berterii 67:321; blauneri 67:321; boliviensis 67:

- 116, 120; *borinquensis* 67:322; *brachychaeta* 67:321; *breviseta* 58:336, 337 (figs. 4-7), 338-340, 342-343; *bruneri* 67:321; *caduca* 71:31; 73:552; *capillacea* 53:14; 57:113; 65:28, 32, 78; 67:192; 73:253; 75:161; *f. leviseta* 54:222; *capitellata* 52:257; 55:18; 57:305; 61:279; 64:349; 65:28-29; 68:453; 72:9; 73:256; *cephalantha* 71:31; *chalarocephala* 71:31; *chapmanii* 71:31; *ciliata* 67:124; *confinis* 67:115-116, 123; *corniculata* 62:202 (pl. 1254); 64:357; 71:31; *var. interior* 52:23; *var. typica* 52:22; *corymbosa* 67:115, 118; *cymosa* 52:23; 67:322; *cyperoides* 67:115, 119; 73:160; *debilis* 51:130; 54:170; *diadon* 58:336, 343; *distans* 67:322; *divergens* 51:130; 52:257; *emaciata* 67:116, 122; *exaltata* 67:116, 119; *var. cephalophora* 67:119; *var. ovalis* 67:119; *fascicularis* 67:332; *fernaldii* 75:380; *filifolia* 71:31; *filiiformis* 67:321; *fusca* 53:159-160; 57:305; 61:280; 65:28, 30; *glauca* 67:115, 121, 322; *globosa* 67:115, 120; *var. loefgrenii* 67:120; *globularis* 66:54; 67:322; *var. recognita* 52:23; *var. typica* 70:397 (fig. 2, map); *glomerata* 52:23; 71:31; *var. angusta* 52:23; *var. capitellata* 68:453; *var. minor* 68:453; *gracilentata* 51:130; 71:31; *harveyi* 52:23; 71:31; *hirta* 67:115, 120; *hispidula* 67:321; *inexpansa* 71:31; *intermedia* 58:335, 342-343; *intermixta* 67:321; *inundata* 65:28, 32; *jamaicensis* 67:321; *lindeniana var. bahamensis* 67:322; *lunata* 58:336; *luquillensis* 67:321; *luzuliformis* 67:116, 122; *macra* 71:31; *macrochaeta* 67:115-116; *var. columbiensis f. condensata* 67:117; *var. quinquespicata* 67:117; *var. ruiziana* 67:117; *macrostachya* 64:357; 65:28, 31; *var. colpophila* 54:170; *marisculus* 67:115, 121, 322; *microcarpa* 51:131; 67:322; *microcephala* 71:31; *millegrana* 67:115, 124; *mixta* 51:131; 54:170; *nervosa* 67:115, 123, 321; *var. jelskiana* 67:124; *nitens* 67:321; *odorata* 67:322; *oligantha* 58:335-336, 337 (figs. 1-3), 338-340, 342-343; 71:31; *var. breviseta* 58:335-336; *var. oligantha* 58:335-336; *perplexa* 51:131; 52:257; 75:368; *pleiantha* 54:170; 75:380; *plumosa* 58:335, 342-343; 71:31; *var. interrupta* 58:335, 342; *podosperma* 67:321; *polyphylla* 67:115, 118, 321; *var. laxa* 67:118; *var. longispicu-*
- losa* 67:118; *puberula* 67:115, 124; *pusilla* 67:321; *racemosa* 67:322; *radicans* 67:115, 321; *rariflora* 58:343; 71:31; *robusta* 67:116, 121; *rugosa* 67:322; *saxicola* 70:394, 397 (fig. 2, map), 405; *schiedeana* 67:115, 117; *setacea* 67:116, 123; *stellata* 67:321; *tenerrima* 67:123; *tenuis* 67:116, 122; *var. emaciata* 67:122; *torreyana* 65:28, 32; *tracyi* 71:31; *trichodes* 67:321; *umbraticola var. kuntzei* 67:115-116; *velutina var. sellowiana* 67:116, 122; *wrightiana* 52:258
- Rhynchostegium murale* 62:171; *ser-rulatum* 62:165
- Rhytidiadelphus squarrosus* 58:249; 62:168; *triquetrus* 62:168
- Rhytidium rugosum* 64:125
- Rhytiglossa* 71:548; *leucophloea* 71:548
- Rhytisma vaccinii* 64:133
- Ribes* 51:24; 55:46; 61:272; *americanum* 55:226; 63:50, 52; *aureum* 70:48; *cereum* 51:20, 24; 56:208; 74:391; *cynosbati* 63:50, 53-54, 348; *echinellum* 64:150, 155 (fig. 14); *glandulosum* 55:164; 63:50, 52; 65:92, 338; 71:514; 72:518; 75:318; *grossularia* 63:50, 54; *hirtellum* 55:164; 63:43, 50, 52, 348; 66:146; 70:182; 71:514; 72:339, 347-348; 75:318; *var. calcicola* 53:11; 63:50, 53; 65:91; 66:146; 72:13, 347, 518; *var. hirtellum* 65:91; 72:518; *var. saxosum* 63:50, 53-54; 69:32; *hudsonianum* 55:164; *lacustre* 55:164; 63:51-52; 65:92; 71:514; 72:518; 75:318; *leptanthum* 56:212; *longiflorum* 70:48; *missouriense* 63:51; 73:302; *nigrum* 63:51, 54; *odoratum* 53:226; 63:51, 54; *oxyacanthoides* 55:164; 72:348; *var. calcicola* 72:347-348; *prostratum* 55:164; *rotundifolium* 63:51, 53-54, 348; *rubrum* 53:245; *sativum* 63:51, 54; 72:518; *triste* 53:245; 55:164; 63:51-52; 70:210; 72:518; *vulgare* 53:245
- Riccardia latifrons* 59:258; *multifida* 53:121; 59:26, 258; *palmata* 53:121; 59:258; *pinguis* 53:121; 59:26
- Riccardiaceae* 53:131
- Riccia fluitans* 53:122
- Ricciaceae* 53:122
- Richardia brasiliensis* 67:354
- Ricinella ricinella* 67:337
- Ricinus* 69:421; *communis* 57:286; 69:421; 73:49
- Riedlea hirsuta* 67:340
- Rinodina antillarum* 57:323-324; *boer-gesenii* 57:323-324; *pyxinoides* 57:323-324

- Rivea campanulata* 67:348; 69:437; *corymbosa* 65:116, 119 (fig.)
- Rivina* 69:404; *humilis* 57:277, 285; 69:404
- Rivularia* 64:58; *atra* 73:268; *haematites* 58:117, 122; *minutula* 58:122; *nitida* 73:268; 75:293; *rufescens* 58:117, 122
- Rivulariaceae* 63:281; 67:252; 71:117; 75:292
- Robinia candida* 51:374; *coccinea* 70:18; *hispida* 53:269; 54:255; *pseudo-acacia* 52:295; 56:255; 58:26; *sericea* 51:374; *viscosa* 74:321
- Roegneria* 70:467
- Romanschulzia alpina* 58:156; *apetala* 58:149, 155-156; *arabiformis* 58:154; 62:12, 16, 19; *elata* 58:151; *meyeri* 58:149, 150 (figs. 1-4), 151; *schistacea* 58:152, 154, 155 (fig. 6); *subclavata* 58:152-153; *turritoides* 58:151 (fig. 5)
- Rondeletia* 69:446; *pilosa* 69:446
- Rorippa* 63:1; *amphibia* 63:49, 55; *crystallina* 64:325 (pl. 1271), 326; *curvisiliqua* 63:3; *heterophylla* 59:18; 71:552; *hispida* 51:168; *indica* 59:17-18; 71:552; var. *apetala* 71:552-553; var. *indica* 71:552; *islandica* 55:160; 58:65; 63:49, 53-54; var. *fernaldiana* 55:154, 160; 63:49, 51; 72:518; 74:144; 75:318; var. *hispida* 51:168; 55:154, 225; 63:49, 52; 69:373; 75:318; var. *islandica* 74:144; var. *microcarpa* 55:154; *mexicana* 62:16, 18; *microphylla* 64:32, 33 (fig. 1), 34 (fig. 2), 35, 36 (fig. 3, map), 37, 41-42; *microtitis* 59:71; *montana* 71:552; *nasturtium-aquaticum* 64:32, 33 (fig. 1), 34 (fig. 2), 35, 36 (fig. 3, map), 37-38, 42, 324; 67:331; 69:373; var. *siifolia* 64:35; *palustris* 67:331; 69:373; *pinnata* 62:17 (fig. 1), 18-19; *portoricensis* 63:9; 67:331; *ramosa* 63:4, 5 (figs. A-C), 6; *sessiliflora* 60:260; 63:49, 55; 74:144; *sinuata* 53:225; 63:1-4, 6-7; \times *sterilis* 64:32, 35, 36 (fig. 3, map), 37, 42; *sylvestris* 63:49, 54; 72:164, 360, 518; *walteri* 62:18; 63:6-9
- Rosa acicularis* 55:44, 169; 69:311, 317; subsp. *acicularis* f. *alba* 60:242; subsp. *sayi* f. *plena* 60:242; var. *bourgeauiana* 55:169; 69:311, 317; var. *gmelini* f. *alba* 60:242; var. *lacorum* 55:169; var. *rotunda* 55:169; var. *sayiana* 55:169; *adenosepala* 60:240; *arkansana* 60:241; f. *alba* 60:241; f. *plena* 60:241; f. *setulosa* 60:241; var. *suffulta* 56:70-74, 76-79; *arkansoides* f. *alba* 60:241; *aucuparia* 56:70-71, 75; *blanda* 55:169; 56:228; 60:240; 62:331; 69:311, 317; *carpohispida* 60:240; f. *carpohispida* 60:240; var. *hispida* 60:240; \times *pisocarpa* 60:238; *bushii* 56:70-72, 74, 76; *canina* 69:311, 318; *carolina* 56:74-76, 78-79; 60:240, 242; 69:311, 315; 71:25; *conglobata* 60:242; f. *glandulosa* 56:71, 74, 78; f. *plena* 60:242; *inermis* 60:239; *salicifolia* 60:239; var. *alba* 60:240; var. *flore pleno* 60:242; var. *grandiflora* 69:312, 317; var. *hemisphaerica* 60:240; var. *inermis* 60:239; var. *pimpinellifolia* 60:240; var. *plena* 60:242; var. *scandens* 60:240; var. *setigera* 60:237; var. *villosa* 56:71, 74, 78; 69:312, 317; \times *nitida* 60:237; *cinnamomea* 69:312, 318; 72:520; *conjuncta* 56:70-74, 76; *eglanteria* 52:58; 69:312, 318; *gallica* 65:75; 69:312, 318; *heliophila* f. *alba* 60:241; *hudsonia flore multiplici* 60:240; *salicifolia* 60:239; *subcorymbosa* 60:240; *hudsoniana* 60:239; *humilis* var. *plena* 60:242; *johannensis* 69:312, 317; *macdougali* \times *ultramontana* 60:240; *micrantha* 57:314; 61:25; 69:312; *multiflora* 54:254; 69:312, 318; *nitida* 60:238; 65:92; 69:312, 315; 71:25; 72:520; f. *spinosa* 60:237-239; \times *palustris* 60:237; \times *virginiana* 60:237-239; *palmeri* 56:70-71, 74; *palustris* 60:238-240; 69:312, 315; 72:79; f. *alba* 60:240; f. *inermis* 60:239; f. *plena* 60:240; var. *inermis* 60:239; *parviflora* 60:242; (*flore multiplici*) 60:242; *pleno* 60:242; *pennsylvanica* var. *flore pleno* 60:242; *plena* 60:242; *petiolata* 56:70-71, 74-76; *polyanthema* 56:70-71, 76-77; *pratincola* f. *alba* 60:241; *setulosa* 60:241; *relicta* 56:70-71, 77-78; *rubifolia* 53:132; *rubrifolia* 69:312; *rudiuscula* 56:70-71, 78-79; *rugosa* 69:312, 318; 70:223; 71:19, 25; 72:250; 75:318; *setigera* 54:254; 69:312, 318; f. *alba* 54:254; var. *toментosa* 53:132; 69:312, 318; *spinossissima* 69:312, 318; *subserrulata* 56:70-71, 78; *suffulta* 56:71-73, 76-78; f. *alba* 60:241; f. *setulosa* 60:241; *virginiana* 53:20; 56:71, 75-76; 60:237-239; 65:92; 69:312, 315; 72:520; \times *nitida* 72:520; *woodsii* f. *hispida* 60:240; \times *blanda* 60:238
- Rosaceae* 55:162; 63:211; 67:331; 69:306, 408; 75:313, 318
- Rosales* 60:101
- Rosidae* 70:425

- Rotala* 64:147; *ramosior* 64:152, 157 (fig. 27); 73:47; 75:422; var. *interior* 51:21
Rotanthea floridana 65:329; *robinsiae* 65:331
Rothia artemisiaefolia 58:302; *carolinensis* 58:165, 295; *corymbosa* 58:297; *degenerica* 58:307; *filifolia* 58:214; *flavescens* 58:264; *intermedia* 58:307; *mexicana* 58:254; *pinnata* 58:307; *pusilla* 58:307; *tenuifolius* 58:260
Rottboellia 65:146; *exaltata* 65:146
Roubieva multifida 60:300, 305
Rourea 70:335
Rubiaceae 52:297; 55:192; 63:211-212, 218, 220; 66:14; 67:218, 352; 69:395, 444; 70:416; 71:33, 497, 535; 72:35; 73:48; 75:111, 321, 421
Rubus 51:367; 52:248; 54:14, 17; 64:353; 69:306; 70:221; 72:240-241, 547; sect. *Alleghenienses* 51:45-46, 49-50; 64:167; sect. *Arguti* 51:47, 49-50; sect. *Canadenses* 51:49; sect. *Setosi* 51:46; subgen. *Chamaemorus* 52:248; subgen. *Cylactis* 52:248; subgen. *Eubatus* 52:248; 68:474; 69:306; 72:240, 249; subgen. *Idaeobatus* 52:248; *abactus* 68:484, 510; *abbrevians* 68:482, 510; 69:312; *acaulis* 53:6, 16; 54:141; 58:322; 67:382; 70:210; *aculiferus* 68:483, 510; 69:312; 72:247; *adjacens* 65:269; 68:510; 69:313; 72:245; *alius* 68:510; *allegheniensis* 51:44-45, 47, 50; 53:30-31; 64:18, 161-164, 165 (fig. 1) 166; 65:92, 262; 68:475, 484, 486-487, 494, 503-504, 507-508, 510-511; 69:312, 314-315; 72:242, 244-245, 247, 249, 349; f. *calycosus* 51:44; f. *rubrobaccus* 53:30; f. *suffultus* 51:43-44, 50, (pl. 1130); var. *albinus* 53:31; var. *allegheniensis* 72:520; var. *calycosus* 51:44; var. *gravesii* 51:43; 69:312; var. *neoscoticus* 64:167; 69:312, 317; var. *plausus* 57:314; 69:312; var. *populifolius* 51:43, 47, (pl. 1130); 69:312; \times *frondosus* 72:249; \times *hispidus* 69:312; \times *pensilvanicus* 68:510-511; 69:312; 72:249; \times *setosus* 69:312; \times *vermontanus* 69:312; *alter* 68:510; *alumnus* 51:45-46; 62:240; 63:20; 68:510; 69:312; *amicalis* 64:101-102; 68:510; 69:313; *amnicola* 68:510; 69:314; *andrewsianus* 51:47-48; 68:510; *apianus* 51:45; *apparus* 68:510; *aptatus* 68:510; *arcticus* 53:17; 67:382; 71:505, 507-508; *arcuans* 64:353; 68:510; 69:314; *arenicola* 68:478, 481, 486, 488, 493, 510-511; 69:312, 316; 72:241, 244, 249; \times *semisetosus* 72:244; *argutus* 68:483, 487, 499, 505, 510-511; 69:313, 316; 72:250; *arundelanus* 68:510; 69:314; var. *jeckylanus* 69:314; *ascendens* 68:510; 69:314; *auroralis* 51:45; 68:510; *avipes* 68:510; 69:314; *baileyanus* 68:479-480, 510; 69:313; *barbarus* 68:510; 69:314; *bellobatus* 68:484, 510; 69:313; *betulifolius* 66:379; *bicknellii* 68:481, 510; *biformispinus* 64:353; 68:510; 69:312; *bifrons* 68:487; 69:313; *bigelovianus* 51:46-47; 68:510; *blakei* 68:510; 69:313; *blanchardianus* 68:510; 69:313; *bootianus* 68:484, 510; *brainerdii* 68:510; 69:312; *brevipedalis* 68:510; *canadenis* 51:49; 64:101-102; 65:92; 66:149; 68:477, 484, 486, 500, 502, 508, 511; 69:313, 315; 72:248-249, 520; var. *pergratus* 51:49; \times *allegheniensis* 72:248; \times *elegantulus* 72:248; \times *pensilvanicus* 72:248; *chamaemorus* 56:272-273, (pl. 1204); 58:323, 327, 329 (map); 65:218, 286; 66:141; 67:382, 408; 69:313, 316; 75:318; *coloniatus* 68:510; *conanicutensis* 68:510; *coronarius* 69:373; *cubitans* 68:510; 69:313; *cuneifolius* 68:477, 487, 499; 69:313, 316; 72:250; 73:492; *curtipes* 68:510; 69:312; *deaneanus* 68:510; *deliciosus* 51:20, 24; 56:208; *eflagellaris* 68:510; *electus* 68:510; *elegantulus* 64:101-102, 354; 66:149; 68:478, 481-483, 486-487, 497, 500, 502-503, 510-511; 69:313, 316; 72:242, 244, 246-249; \times *allegheniensis* 72:249; \times *vermontanus* 69:313; *enslenii* 59:126; 60:67; 63:21; 68:486, 488, 490, 510-511; 69:313, 316; 72:243-244, 249, 349; \times *pensilvanicus* 72:243, 547; \times *recurvicaulis* 72:243; *facetis* 68:510; 69:314; *felix* 68:510; 69:313; *fernaldianus* 68:510; *flagellaris* 68:480, 482, 484, 486-492, 510-511; 69:313, 316; 72:241-242, 249; f. *roseo-plenus* 62:130; var. *occidualis* f. *roseo-plenus* 62:130; f. *roseus* 62:130; \times *allegheniensis* 72:242; \times *frondosus* 72:242, 244; *flavianus* 69:314; *florenceae* 58:272; *floricomus* 69:314; *frondisantis* 64:167; 68:510; 69:312; 72:249, 520; *frondosus* 68:480-481, 486-487, 505-508, 510-511; 69:313, 316; 72:243-244, 248-249; *fruticosus* 68:475; *geophilus* 68:510; *glandicaulis* 51:51; 64:167; 68:510; 69:312; *gnarus* 68:510; *grandidens* 64:353; *gravesii* 68:510; *groutianus* 68:497, 510; 69:314; 72:246; *hanesii* 58:272;

- harmonius 68:510; heterogeneous 68:510; heterophyllus 68:510; hispidoides 68:510; 69:314; hispidus 64:353-354; 65:262, 265-267, 268 (fig. 1), 269, 273; 66:415; 67:402; 68:475, 483, 486, 493-494, 510-511; 69:313, 315; 71:25; 72:240, 242-243, 245, 249; 75:18; var. hispidus 72:520; var. obovalis 69:313, 315; \times alleggheniensis 68:510-511; 72:245; \times flagellaris 68:511; \times setosus 65:268 (fig. 1); 68:510-512; 69:313; 72:245; \times sp. 69:313; \times vermontanus 68:512; 72:245; honrus 68:510; idaeus 66:147-148, 154; 69:313, 318; 71:514; var. aculeatissimus 65:92; 66:147, 152; var. canadensis 55:169; 65:92; 66:147-148; 69:313-315; 72:520; 75:318; var. caudatus 52:71; var. egglestonii 69:313, 317; var. heterolasius 69:313, 317; 72:520; var. idaeus 72:519; var. nesophilus 66:148; var. strigosus 52:57; 55:45, 169; 65:92; 66:147; 69:313, 315; 71:25, 521; 72:519; 74:144; f. niveus 52:57; f. tonsus 65:92; 66:147-148; illecebrosus 69:313, 317; insons 68:510; insulanus 68:510; 69:313; invisus 68:510; jacens 65:269; 68:478, 510; 69:313; 72:245; jactus 68:510; 69:312; janssonii 68:510; jaysmithii 68:482, 486, 488-489, 511; 69:313, 316; 72:241-242, 249; \times elegantulus 72:242; \times hispidus 72:242; jeckylanus 68:510; jugosus 68:510; 69:313; junceus 68:510; junior 68:510; kalamazoensis 58:272; kennedyanus 68:510; laciniatus 57:267; 60:42; 63:149; 68:487; 69:314, 318; laevior 68:510; 69:312; latens 68:511; lawrencei 68:511; 69:314; licitus 68:511; longii 72:136; longissimus 51:45; 68:511; mainensis 68:511; maniseesinsis 68:511; marilandicus 51:45; millspaughii 68:511; miscix 68:511; 69:314; montpelierensis 68:511; multiformis 68:511; 69:313; 72:243; multilicus 68:511; 69:313; multispinus 68:507, 511; 69:313; \times neglectus 69:314; nigricans 68:511; nigrobaccus 51:45; 68:511; var. calycosus 51:44; notatus 68:511; novanglicus 68:511; nutkanus 55:54; obsessus 68:511; occidentalis 60:67; 69:314-315; 74:144; f. pallidus 61:25; odoratus 69:314-315; 72:491; orarius 51:50; 62:240; 68:484, 511; ortivus 68:511; 69:314; ostryifolius 68:484, 511; paludivagus 68:483, 511; 69:393; parlinii 68:511; 69:314; 72:246; parviflorus 54:236; 55:45, 169; 60:249, 251; paulus 68:511; 69:312; pauper 68:511; 69:313; peculiaris 68:511; pensilvanicus 51:47-50; 60:67; 67:196; 68:481, 484, 487, 501, 503, 505, 507-508, 510-511; 69:314-315; 72:243-244, 248-249, 349, 520; f. phyllophorus 51:49; \times vermontanus 69:314; pergratus 51:47, 49; 68:481, 511; perinvisus 68:511; 69:314; permixtus 68:511; 69:312; 72:245; pernagaeus 52:227; perpauper 68:511; 69:313; pervarius 68:511; philadelphicus 51:47-49; 68:511; phoenicolasius 60:42; 69:314; 318; plicatifolius 68:479, 481, 492, 511; 69:314; positivus 68:511; probus 67:331; procerus 74:144; procumbens 68:511; prosper 68:511; pubescens 55:46, 168; 69:314-315; 72:519; var. pilosifolius 65:92; 66:147; 69:314, 316; var. pubescens 65:92; pudens 68:511; pugnax 51:50; 68:511; 69:312; randii 68:511; rappii 51:45; ravus 64:162-163, 167; 68:511; 69:33, 312; recurvans 68:481, 511; 69:313; recurvicaulis 68:478-479, 481, 484, 486, 488-489, 491-493, 510-512; 69:314-315; 72:241, 243-244, 249, 520; \times alleggheniensis 72:244; \times elegantulus 72:242, 244; \times frondosus 72:244; \times hispidus 72:243; \times pensilvanicus 72:249; \times setosus 68:510; 69:314; 72:243, 520; \times vermontanus 68:511; 69:314; 72:243; rhodinsulanus 68:511; rixosus 68:511; roribaccus 68:511; rosa 51:45-46; 68:511; rossbergianus 68:511; saltuensis 68:511; 69:312; sanfordii 68:511; sativus 68:511; scambens 68:511; 69:313; sceleratus 51:40-51, (pls. 1131-1132); 64:167; 68:480; 69:312; 72:247; schoolcraftianus 58:272; semierectus 68:511; semisetosus 68:478, 483, 486, 497-499, 510-511; 69:314, 316; 72:244, 246-249, 520; \times frondosus 72:248; sempervirens 68:511; separ 51:45; setosus 51:47; 64:167, 354; 65:262, 265-267, 268 (fig. 1), 269; 68:475, 483-484, 486, 494-495, 497, 499, 502, 504, 510-512; 69:314-315; 72:240, 243, 245-246, 249; \times alleggheniensis 68:510-511; 72:247, 520; \times elegantulus 72:246; \times semisetosus 72:246; \times vermontanus 68:510-512; 69:314; 72:246-247; severus 68:480, 497, 511; 69:314; 72:243; significans 68:511; spectabilis 73:139; spiculosus 65:269; 68:511; 69:313; strigosus 51:49; var. caudatus 52:71; tardatus 68:478, 511; 69:314; tavus 69:33; tetricus 68:511; 69:313; tholiformis 65:269; 68:511; 69:313;

- trifrons* 65:269; 68:512; 69:313; 72:245; var. *pudens* 69:313; *triphyllus* 69:314, 318; *trivialis* 71:32; 73:493, 504, 506-507, 509, 511, 513; *uber* 51:45; *udus* 68:512; *univocus* 68:512; 69:314; 72:246; *usus* 68:512; *vermontanus* 65:92; 66:149; 68:478, 481, 484, 486, 494, 496-500, 502, 510-511; 69:314-315; 72:243, 245-249; \times *alleggheniensis* 68:511; 72:248; \times *elegantulus* 68:511; 72:247; \times *pensilvanicus* 68:511; \times *semisetosus* 72:247; *vigoratus* 68:512; *virginianus* 51:45; *viridifrons* 68:512
- Rudbeckia* 56:256; 64:328; 70:353, 359; subgen. *Rudbeckia* 59:293; *acuminata* 59:297; *alismaefolia* 59:298; *amplectens* 59:295; *amplexicaulis* 54:119; 70:353; *atrorubens* 59:299; *beadleii* 59:299; *bicolor* 59:296; 63:20; *brittonii* 59:295; *californica* var. *californica* 59:290; var. *glauca* 59:290; var. *intermedia* 59:289; *chapmani* 59:297; *chrysomela* 59:297; *columnaris* 70:48, 369-370; *columnifera* 57:291; 70:48, 369-370; *coryi* 59:298; *deami* 59:297; *divergens* 59:296; *flava* 59:296; var. *perbracteata* 59:296; *flexuosa* 59:296; *floridana* 59:296; var. *angustifolia* 59:296; *foliosa* 59:297; *fulgida* 59:293-294, 296-297; var. *auriculata* 63:119; var. *deamii* 59:297; var. *fulgida* 59:296-297; 63:120; var. *missouriensis* 59:296; var. *palustris* 59:297; var. *spathulata* 59:297-298; 63:120; var. *speciosa* 59:297; var. *sullivantii* 59:297; var. *umbrosa* 59:297; *glabra* 66:308; *globosa* 70:383; *graminifolia* 59:293-294, 299; *grandiflora* 59:294, 298; 63:148; var. *alismaefolia* 59:298; var. *grandiflora* 59:298; *heliopsidis* 59:294, 298; *hirta* 55:198; 59:293-295; 71:34; 74:108; 75:136, 407; var. *angustifolia* 59:295-296; 74:108; var. *brittonii* 59:295; 60:126; var. *corymbifera* 59:295-296; 74:108; var. *floridana* 59:295-296; 74:108; var. *hirta* 59:295; 74:108; var. *monticola* 59:295; var. *pulcherrima* 59:293, 295-296; 74:108; var. *sericea* 59:296; *intermedia* 59:298; *laciniata* 55:225; var. *bipinnata* 64:328-329; var. *digitata* 64:329; var. *laciniata* 64:329; var. *montana* 64:329; *lanceolata* 59:296; *longipes* 59:296; *missouriensis* 51:28; 53:112; 59:294, 296; *mohrii* 66:381; *mollis* 59:294, 298; 60:29; 75:407; *monticola* 59:295; *nitida* 66:381; var. *nitida* 64:328; var. *texana* 64:328; *odorata* 59:298; *palustris* 59:297; *pinnata* 70:350, 357; *pinnatiloba* 59:299; *purpurea* var. *serotina* 57:290-291; 58:286; 70:49; *rupestris* 59:299; *sericea* 59:296; 66:380; *serotina* 59:296; 60:66; 72:527; 74:109; f. *homochroma* 69:33; f. *pleniflora* 69:33; var. *corymbifera* 59:296; var. *lanceolata* 59:296; var. *sericea* 59:296; *spathulata* 59:298; *speciosa* 59:297; var. *sullivantii* 59:297; *strigosa* 59:296; *subtomentosa* 59:294, 298; 63:148; var. *craigii* 59:298; *sullivantii* 59:297; *tagetes* 70:350; *tenax* 59:297; 60:127; *tomentosa* 59:298; *triloba* 59:293-294, 298-299; 75:136; *pinnatiloba* 59:299; var. *beadleii* 59:299; var. *pinnatiloba* 59:298-299; var. *rupestris* 59:298-299; var. *triloba* 59:298-299; *truncata* 59:297; *umbrosa* 54:254; 59:297
- Rudgea jasminoides* 66:56-57
- Ruellia* 55:353; 64:200; 68:432; 69:444; *caroliniensis* 57:320; 63:20; 64:90, 200, 203-206; 68:432; 73:111, 496; f. *alba* 62:131; *ciliata* 64:206; *coccinea* 69:444; *heteromorpha* 64:206; *humilis* 64:201, 204-206; var. *longifolia* f. *alba* 62:131; *hybrida* 64:90; *intermedia* 68:434; *lorentziana* 68:433 (pl. 1336), 434; *noctiflora* 71:33; *nudiflora* 68:434; var. *occidentalis* 68:432; *oblongifolia* 66:379; *occidentalis* 68:432; *pedunculata* 64:204-206; f. *baueri* 51:118; *purshiana* 64:206; *strepens* 54:213, 258; 64:201-206; f. *alba* 54:258; f. *cleistantha* 54:258; 64:202; var. *cleistantha* 64:202; *succulenta* 68:432; *tuberosa* 68:434; 69:444; *tweediana* 67:352; 69:444
- Rumex acetosa* 59:2-3, 5; 60:65, 299, 304; *acetosella* 51:8; 52:294; 55:145, 225; 59:271; 60:65, 299, 304; 64:344-345; 65:91; 71:24, 520; 75:317; f. *integrifolius* 57:265; var. *acetosella* 72:516; *alluvius* 59:7; 60:55; *alpestris* 59:2-3, 5; *alpinus* 60:299, 305; *altissimus* 60:299, 304; 72:516; *ambiguus* 59:2-3, 5; *arcticus* 65:216; *arifolius* 59:5; *biformis* 60:56; *britannica* 60:55; *bucephalophorus* 53:22; *crispus* 55:145; 60:55, 56 (fig. 1b), 65, 299, 304; 64:343, 345; 70:451; 71:20, 24, 520; 72:393, 516; var. *dentatus* 60:56; \times *obtusifolius* 60:56-57, 299; \times *orbiculatus* 60:299; *domesticus* 58:247; 59:7; 60:299, 304; 63:42; 65:91; 71:520; 72:516; 75:317; *fenestratus* 60:299, 302; 75:317; *graminifolius*

- 71:505; *hastatulatus* 60:299, 305; *maritimus* 60:299, 305; var. *fueginus* 57:322; 60:300, 304; 71:24; *mexicanus* 53:5; 55:145; 56:247; 60:300, 304; 64:343, 345; *montanus* 59:5; *obtusifolius* 60:55-56, 65, 300, 304; 64:341; 71:197; var. *cristatus* 60:56; *occidentalis* 51:167; 58:65; *odontocarpus* 59:7; 60:55-56; *orbiculatus* 60:300, 302; 64:345; 71:300, 520; 72:516; 75:317; *pallidus* 60:300, 304; 64:343, 345; 65:91; 71:520; 72:516; 75:317; *patientia* 51:167; 60:13, 300, 305; *persicarioides* 60:300, 304; *pulcher* 51:23; 60:55, 300, 305; subsp. *divaricatus* 52:167; *stenophyllus* 60:54-55, 56 (fig. 1a), 57; 63:42; 74:379; *tenuifolius* 59:271; *thyrsiflorus* 59:1-5; *triangulivalvis* 60:300, 304; *verticillatus* 60:300, 303; 73:68
- Rumohra adiantiformis* 67:358
- Ruppia anomala* 67:317; *maritima* 66:143; 67:317; 68:221; 70:442-443, 446; 71:22; 72:206; 73:105, 266, 273, 277; 74:479; 75:142; var. *longipes* 65:88; 66:143; *occidentalis* 63:40
- Russelia* 69:442; *equisetiformis* 69:442
- Ruta graveolens* 60:17
- Rutaceae 62:236; 63:211; 66:13; 67:336; 69:416; 75:417
- Ruttnera maritima* 73:287
- Rydbergia* 59:131
- Ryttilix granularis* 67:317
- Sabacina incrustans* 65:301
- Sabal etonia* 65:280; *minor* 51:21; 70:220, 225; *palmetto* 57:275-276, 278, 284, (pl. 1215); 67:312; 70:573; 72:19; 73:206
- Sabatia* (see also *Sabbatia*) 55:353, 357; 57:1, 43, 78; 64:147; 72:551; sect. **Campestris** 73:362; sect. **Dodecandrae** 57:78; sect. **Eusabatia** 57:5; subsect. **Angulares** 57:6, 18; subsect. **Campanulatae** 57:6, 51; subsect. **Campestris** 57:5, 43; subsect. **Difformes** 57:5-7; subsect. **Dodecandrae** 57:5, 78; sect. **Pleienta** 57:78; sect. **Pseudochironia** 57:5, 97; 73:325, 329, 339; 341, 344 (fig. 24), 347, 349, 362; sect. **Sabatia** 73:310, 328, 340, 344 (fig. 24), 349, 357; subsect. **Angulares** 73:312, 328, 339-340, 343, 344 (fig. 24), 358; subsect. **Campanulatae** 73:317, 329, 339, 341, 344 (fig. 24), 346, 359; subsect. **Campestris** 73:315, 329, 339-340, 344 (fig. 24), 345; subsect. **Difformes** 73:310, 328, 339-340, 343, 344 (fig. 24), 357; subsect. **Dodecandrae** 73:321, 329, 339, 341, 344 (fig. 24), 347, 361; subgen. **Eusabatia** 57:5; subgen. **Plurimaria** 57:78, 96; subgen. **Pseudochironia** 57:96; *alainii* 57:67; *amoena* f. *albiflora* 57:58; *angularis* 57:18, 20, 21 (map 3), 30-31, 46; 73:312-314, 328, 331-332, 334 (fig. 4), 336, 339 (fig. 23), 340, 343-345, 348-349, 354-356, 358, 362; f. *albiflora* 57:21; f. *cleistantha* 57:19, 22; \times *quadrangula* 73:343; *arenicola* 57:43-44, 47, 49, 50 (map 7), 51; 73:316, 327, 329-330, 334 (fig. 8), 336, 338, 339 (fig. 23), 340, 342, 344-346, 354, 362-363; **bartramii** 57:79, 91, 95, 98 (map 15), 103; 72:57; 73:324, 331, 335 (fig. 16), 337, 339 (fig. 23), 341, 344-345, 347-351, 361-362; \times *dodecandra* var. *foliosa* 73:347, 351; *boykinii* 57:99; *brachiata* 57:18, 20, 27, 29-32, 47, 50 (map 5); 73:314-315, 327-328, 332-333, 334 (fig. 5), 336-337, 339 (fig. 23), 340, 344-345, 348, 355, 358, 363; f. *candida* 57:23, 27, 30; \times *bartramii* 73:352; \times *dodecandra* var. *foliosa* 73:352; *brevifolia* 57:52, 65 (map 11), 68; 73:321, 334 (fig. 10), 336, 339 (fig. 23), 341, 344-346, 348-349, 354, 357-359, 363; *calycina* 57:65 (map 12), 78-79, 93, 103; 67:304; 73:321-322, 327, 329-330, 335 (fig. 17), 336, 339 (fig. 23), 341-342, 344-345, 348-350, 354, 360-361, 363; \times *stellaris* 73:353; *campanulata* 57:50 (map 8), 51-52, 57, 60-61, 66, 81, 103, 287; 71:33; 73:317-319, 329, 331, 334 (fig. 11), 336, 339 (fig. 23), 341, 344-346, 349, 355, 357, 359-360; var. *gracilis* 57:57; var. *grandiflora* 57:64; \times *angularis* 73:352; \times *grandiflora* 73:347, 351; \times *stellaris* 73:351; *campestris* 57:20, 31-32, 43-44, 46-47, 49, 50 (map 5), 51; 64:153, 157 (fig. 33); 73:315, 329, 332-333, 334 (fig. 9), 336, 339 (fig. 23), 340, 344-346, 356, 362-363; f. *albiflora* 74:385; *capitata* 57:97, 98 (map 16), 101; 73:325, 329, 331, 335 (fig. 21), 337, 339 (fig. 23), 341, 344-345, 347, 349, 354, 362; *carnosa* 57:50-51; *chloroides* 51:140; 57:83; *concinna* 57:31-32, 47; *corymbosa* 57:10, 26, 70; *cubensis* 57:80; *decandra* 57:83, 93-94; *difformis* 57:6-12, 16, 21 (map 1), 23-27, 93; 73:311-312, 327-328, 333, 334 (fig. 1), 339 (fig. 23), 340, 343-345, 348, 350, 357-358; 75:398; \times *kennedyana* 73:353; *dodecandra* 51:140; 57:5, 78-79, 82-86, 89-90,

- 94; 71:33; 72:57; 73:310, 322-323, 361; var. *coriacea* 72:57; var. *dodecandra* 57:86, 98 (map 13); 72:57; 73:323, 329, 335 (fig. 18), 336-337, 339 (fig. 23), 341, 344-345, 348, 361; \times *bartramii* 73:352; var. *foliosa* 57:86-87, 93, 98 (map 13); 73:322-323, 329, 335 (fig. 19), 337, 339 (fig. 23), 341, 344-345, 348-350, 358, 361-362; \times *angularis* 73:352; \times *calycina* 73:347, 352; \times *kennedyana* 73:352; *elliottii* 57:10, 25-26, 68, 70; *foliosa* 57:83-85; 72:57; 73:323, 361; *formosa* 57:47; *gentianoides* 51:131, 137, 140-141; 57:3, 94, 96-97, 98 (map 16), 100-101; 73:325, 326, 329, 335 (fig. 22), 337, 339 (fig. 23), 341, 344-345, 347, 350, 357, 362-363; \times *bartramii* 73:353; *gracilis* 57:54, 57, 60, 66, 81, 103; 73:317-318, 359; var. *cubensis* 57:80; *grandiflora* 57:52, 60, 64, 65 (map 10), 66-67; 73:320, 335 (fig. 12), 336, 339 (fig. 23), 341, 344-347, 349, 354, 359; \times *angularis* 73:352; \times *brevifolia* 73:347, 351; \times *calycina* 73:352; \times *stellaris* 73:347, 351, 359; *harperi* 57:84-85; 72:57; 73:323; *kennedyana* 57:79; 88-90, 94, 98 (map 14); 72:57; 73:323-324, 329, 331, 333, 335 (fig. 20), 337, 339 (fig. 23), 341, 344-345, 348-349, 354, 356, 361; f. *candida* 57:88; f. *eucycla* 57:88; var. *coriacea* 73:361; \times *difformis* 73:352; \times *macrophylla* var. *macrophylla* 73:352; \times *macrophylla* var. *recurvans* 73:352; *lanceolata* 57:11; 73:350; *macrophylla* 57:7-8, 13-16, 21; 71:33; 73:311, 327, 331, 343, 356-357; var. *macrophylla* 57:17, 21 (map 2); 73:311-312, 328, 333, 334 (fig. 2), 339 (fig. 23), 340, 344-345, 356, 358; var. *recurvans* 57:17, 21 (map 2); 73:311-312, 328, 331, 334 (fig. 3), 336, 339 (fig. 23), 340, 344-345, 353, 356, 358; *maculata* 57:62; *nana* 57:61; *nervosa* 57:44; *obtusata* 57:84-85, 87; 73:323; *oligophylla* 57:101; *palmeri* 57:62; *paniculata* 57:9, 24-27, 30, 69-70; 73:357; 75:398; β *elliottii* 57:68; var. *angustifolia* 57:27; var. *latifolia* 57:27; *purpusii* 57:62-63; *quadrangula* 57:9, 11, 18, 21 (map 4), 22, 24-27, 30; 73:314, 333, 334 (figs. 6-7), 336, 339 (fig. 23), 340, 343-345, 348, 355, 357-358, 363; 75:398; *recurvans* 57:14-16; *simulata* 57:61; 73:319-320, 335 (fig. 13), 336, 339 (fig. 23), 341, 344-346, 356, 360; *stellaris* 57:52, 56, 58-63, 65 (map 9), 66-67, 93, 103; 73:47, 318-320, 329, 335 (figs. 14-15), 336-337, 339 (fig. 23), 341, 344-346, 348-349, 354, 356, 358-360; 75:420; \times *brachiata* 73:348, 352; \times *brevifolia* 73:351; \times *calycina* 73:353; \times *campanulata* 73:351; \times *quadrangula* 73:349, 352; \times *simulata* 73:351
- Sabazia* 64:258, 261 (fig. 27); *humilis* 64:258; 65:229, 232 (fig. 23), 237; 66:156
- Sabbatia* *alainii* 57:64; *albeola* 57:103; *amena* 57:103; *amoena* 57:58, 103; *anceps* 57:103; *angularis* 57:18; f. *albiflora* 57:19; f. *cleistantha* 57:19; var. *albiflora* 57:19; var. *elatior* 57:19; var. *latifolia* 57:19; var. *pauciflora* 57:19; *angustifolia* 57:29; *australis* 57:103; *boykinii* 57:97; *brevifolia* 57:70; *calycosa* 57:79; *campanulata* f. *albina* 57:52; var. *amoena* 57:58; var. *gracilis* 57:52; *campestris* f. *albiflora* 57:44; *centaurium* 57:103; *chloroides* 57:86; β *stricta* 57:91; var. *coriacea* 57:91; var. *erecta* 57:91; var. *flexuosa* 57:91; *concinna* 57:29; *corymbosa* 57:7, 12, 70; var. *angustifolia* 57:7, 12; *cubensis* 57:79; *cymosa* 57:7, 22; *decandra* 57:91, 103; *declinata* 57:103; *dichotoma* 57:79; *difformis* 57:7, 12; *dodecandra* 57:86; *stricta* 57:91; *elliotti* 57:70; *foliosa* 57:87; 66:379; *formosa* 57:44, 47; *gentianoides* β *boykinii* 57:97; *gracilis* 57:52, 57; β *stellaris* 57:58; var. *cubensis* 57:79; var. *grandiflora* 57:64; *grandifolia* 57:67; *harperi* 57:87; *lanceolata* 57:7, 12; 66:380; *lingulata* 57:103; *maculata* 57:58; *maritima* 57:58; *nana* 57:58; *nervosa* 57:46; *nivea* 57:26, 103; *obtusifolia* 57:103; *oligophylla* 57:100; *palmeri* 57:58; *paniculata* 57:7, 23, 69-70; 66:379; α *latifolia* 57:7; β *angustifolia* 57:7; *petiolata* 57:103; *pulchella* 57:103; *pumila* 57:103; *purpusii* 57:58; *quadrangula* 57:103; *recurvans* 57:17; *simplex* 57:103; *simulata* 57:58; *stellaris* 57:56, 103; *pumila* 57:58; f. *albiflora* 57:58; *stricta* 57:103; *tenuifolia* 57:103; *tracyi* 57:52, 56-57; *umbellata* 57:104; *verticillaris* 57:104
- Sabiaceae 69:422
- Sabina* *sabinoides* 56:173, 175, 177
- Sabinea* 69:414; *florida* 69:387, 414
- Saccharum* 68:106, 345; *brevibarbe* 70:49; *officinarum* 68:345
- Sacciolepis* 68:107, 333; *myuros* 68:333; *striata* 73:111

- Saccoloma domingense* 67:359; *inaequale* 67:360
Saccorhiza dermatodea 66:220, 232; 71:129; 72:323, 338; 74:420; *polyschides* 74:129
Saelania glaucescens 62:152
Saffordia induta 63:87
Sagina decumbens 62:109, 114; 63:146; *intermedia* 54:40; *nodosa* 55:51, 79, 147; 62:109, 113; 65:91; var. *pubescens* 62:109, 113; 72:517; *procumbens* 60:67; 62:109, 113; 65:91, 365; 71:521; 72:517; 75:317; *virginica* 61:43-44, 49
Sagittaria ambigua 54:125; *cuneata* 53:14, 19, 265; 55:48, 118; 61:279; 73:255; *filiformis* 63:247; *graminea* 57:304; 61:278; 63:265; 66:379; 72:509; 73:255; *isoetiformis* 75:368; *kurziana* 63:247-249, 250 (figs. 1-3), 251-252, 253 (fig. 11), 255, 260-264; *lancifolia* 54:125; *latifolia* 53:5, 265; 55:118; 60:58; f. *diversiloba* 73:255; f. *gracilis* 55:48, 118; 73:255; f. *hastata* 54:251; 73:255; var. *obtusa* 73:255; *lorata* 63:237; *mohrii* 66:380; *natans* 63:247-248, 254, 264; *papillosa* 54:125; *radicans* 57:137; *sagittifolia* 63:249; sp. 70:171; *stagnorum* 63:247-248, 254, 256 (figs. 12-13), 257 (fig. 14), 258, 259 (figs. 15-16), 260-265; *subulata* 63:247-248, 250 (figs. 4-5), 252, 253 (figs. 7-10), 261-265; var. *gracillima* 63:247, 253 (fig. 6), 263-265; var. *lorata* 63:247; var. *natans* 63:247; var. *typica* 63:247
Sagotia triflora 67:334; 69:413
Salicaceae 52:293; 55:142; 58:125; 63:211, 341; 71:514
Salicornia 51:11; 52:18; 70:444, 447-448; *bigelovii* 60:300, 304; 70:443-444, 447-448; 71:24; *disarticulata* 62:330; *europaea* 51:11; 56:61-62; 60:300, 304; 63:288; 70:443-444, 447; 71:24; 72:285; 73:240; 75:53-54, 56, 317; var. *europaea* 72:516; var. *prostrata* 60:300, 304; 72:516; var. *simplex* 60:301, 304; *perennis* 57:285; *rubra* 62:94; 70:451; spp. 71:21; *stricta* 70:447; *virginica* 60:301, 304; 71:24, 560
Salix 52:227, 248; 53:9, 62; 54:14, 40; 55:42, 45, 47, 51; 59:243; 70:210; 72:565; 75:115; sect. *Argyrocarpae* 52:8; sect. *Glaucæ* 52:16-18; sect. *Ovalifoliae* 52:13, 15, 18; sect. *Pentandrae* 52:248; sect. *Reticulatae* 52:248; sect. *Roseae* 52:8-9, 11, 16; sect. *Uva-ursi* 52:8; *alaxensis* 55:249; var. *alaxensis* 65:251; *alba* 51:168; 58:125, 130; var. *calva* 58:125; var. *vitellina* 58:125; 72:515; *×fragilis* 58:125; *amygdaloides* 56:207; 58:125, 133-134; 75:158, 161; *anamesa* 52:8; *anglorum* 52:13, 15-16; var. *kophophylla* 52:16; *arbusculoides* 58:323; *arctica* 54:49, 51, 54, 278; 55:249; 65:215; *arctophila* 52:13, 15-16, 18; 58:125, 131-132; 73:68; *argyrocarpa* 58:125, 131-132; 73:68; *astatulana* 52:8; *athabascensis* 58:323; *babylonica* 58:126; 65:75; *bebbiana* 53:10; 55:142; 58:126, 130, 247; 63:66; 70:210; 72:339, 515, 548-549; 73:558-559; var. *capreifolia* 58:126; 65:90; var. *perrostrata* 72:549; *×discolor* 58:126; *×gracilis* 58:126; *×planifolia* 55:142; *×rigida* 58:126; *brachycarpa* 70:204-205, 208; subsp. *niphoclada* 65:251; *callicarpaea* 59:292; *candida* 53:6; 56:247; 58:126, 133; f. *denudata* 58:126; var. *denudata* 53:6; *×bebbiana* 58:126; *×gracilis* 58:126; *×rigida* 58:126; *caprea* 58:126; *caroliniana* 51:116; *cinerea* 58:126; 73:68; *×rigida* 58:126; *coactilis* 58:126, 131; 72:515; 73:68; *cordata* 52:8; 58:126; 72:49, 339; 73:68; f. *subintegra* 62:130; var. *abrasa* 58:126; *cordifolia* 54:51; 67:381; var. *macounii* 52:16; *crassijulis* 55:249; *depressa* 72:548-549; c. *rostrata* 72:549; subsp. *rostrata* 72:548; 73:558; *discolor* 55:142; 58:126, 130; 65:90; 71:20, 24; 72:515; var. *eriocephala* 55:142; var. *latifolia* 55:142; 58:126; var. *overi* 58:126; *×humilis* 58:126; 71:169; *eleagnos* 73:68; *exigua* 56:207; *farrae* subsp. *walpolei* 65:215; *fendleriana* 74:83; *floridana* 52:8; 65:361; *fragilis* 58:126, 130; 69:31; *fullertonensis* 52:8; *fusca* 72:549; *fuscescens* 52:10-13, 15; var. *hebecarpa* 52:10-11, 13, 15; *glauca* 54:51; 59:292; 65:215; var. *stenolepis* 54:49; *×brachycarpa* subsp. *niphoclada* 65:215; *glaucophylloides* 53:7; 58:126, 133; 67:375; 73:68; f. *lasioclada* 58:126; *gracilis* 51:7; 55:142; 58:126, 131; var. *textoris* 58:126, 131, 323; 72:515; *×rigida* 71:169; *×humilis* var. *microphylla* 58:126; *×sericea* 58:126; *×grayi* 58:126; *hartwegii* 63:341, 343-344; *hebecarpa* 52:8, 10-13, 15-16; 58:323; *herbacea* 54:54; 58:126, 131-132; 67:380; 73:68; *hudsonensis* 52:8; *humilis* 53:6; 55:142; 58:126, 130; 65:90; 72:515; f. *curtifolia* 58:126; f. *festiva* 58:126; f. *tortifolia* 58:126; var. *hyporhysa* 58:126, 133;

- var. *keweenawensis* 53:6; 58:126;
var. *microphylla* 52:293; 58:126,
133; \times *gracilis* 58:126; \times *humilis*
var. *microphylla* 58:125; \times *sericea*
58:126; *incana* 58:126; *interior* 57:
114; 58:126, 133-134; f. *wheeleri*
58:126; var. *exterior* 58:126, 133-
134; *irrorata* 74:83; \times *jesupi* 58:
126; *laevigata* 73:375; *lanata* 53:4;
72:548; *livida* 72:549; *occidentalis*
72:549; *longipes* 57:285; *lucida* 58:
126, 130; var. *angustifolia* 58:126,
131; var. *intonsa* 53:11; 58:126,
131; var. *lucida* 72:515; *maccalliana*
52:18; 70:210; *missouriensis* 52:8;
 \times *myricoides* 58:126; *myrtillifolia*
53:4, 6, 157; 58:323; 67:92-93; 70:
210; 72:498; *myrtilloides* 52:14;
nigra 52:274; 58:126, 132; *niphoclada*
65:215; *paraleuca* 53:9, 17;
 \times *peasei* 58:126; *pedicellaris* 52:10;
58:127, 131; 74:391; var. *hypoglauca*
52:8, 11-16; 54:44, 142; 58:
127, 131, 322; 65:90; 66:145, 154;
var. *tenuescens* 58:127; *pellita* 53:7;
55:54, 83, 143; 58:127, 131; 70:210;
71:302, 306; f. *psila* 58:127; *pentandra*
58:127, 130; 69:31; 73:68;
perrostrata 72:549; *petiolaris* 51:7;
52:8; 58:131; var. *rosmarinoides*
55:142; *phlebophylla* 55:249; 65:
215; *phylicifolia* var. *pennata* 72:
498; *planifolia* 55:142; 58:127, 131-
132; 70:204-205, 208, 210; *polaris*
54:54, 285; subsp. *polaris* 65:215;
subsp. *pseudopolaris* 54:54, 285; 65:
215; *pseudocordata* 58:322; *purpurea*
58:127; *pyrifolia* 53:14; 55:
142; 58:127, 131; 66:61-62; \times *discolor*
58:127; *reticulata* 55:249; 65:
215; 67:381; *richardsonii* 65:215;
rigida 55:226; 58:127, 130; 65:90;
72:49, 515; 75:385; f. *mollis* 58:127;
var. *angustata* 58:127, 131; 72:49;
var. *rigida* f. *subintegra* 62:130;
 \times *discolor* 58:127; \times *gracilis* 58:
127; \times *lucida* 58:127; \times *pedicellaris*
58:127; \times *subsericea* 58:127; *rostrata*
72:548-549; 73:558-559;
rotundifolia 55:249; \times *rubens* 58:
127; *sericea* 58:127, 130; *serissima*
58:127, 133; *silicicola* 70:208-209;
simulans 52:8, 10-11, 13, 16, 18;
 \times *smithiana* 58:127; spp. 72:246;
starkeana 72:548-550; 73:558-559;
subsp. *bebbiana* 72:549-550; 73:558;
subsp. *starkeana* 72:548, 550; *stonifera*
65:211, 215; *torulosa* 55:
249; *turnorii* 70:205, 208; *uva-ursi*
58:127, 131-132; 65:337; 67:382;
74:367, 370, 374; f. *lasiophylla* 58:
127; *vagans* 72:549; *occidentalis*
72:549; *rostrata* 3. *obovata* 72:549;
1. *cinerascens* b. *occidentalis* 72:
549; 1. *S. rostrata* 72:549; *vestita*
67:381; var. *erecta* 72:498; *viminialis*
58:127; 73:68; *vitellina* 51:168
Salmea petrobioides 66:15; *scandens*
64:260 (fig. 14), 266
Salpichroa rhomboidea 52:269
Salsola atriplicifolia 59:160; *collina*
61:265, 266 (fig. 1), 267; 63:42;
kali 60:301, 304; 61:266; 63:288;
71:24; var. *caroliniana* 60:301, 304;
var. *kali* 72:516; var. *tenuifolia* 60:
301, 304; 61:265-266; 72:378; *platyphylla*
59:160
Salvia 53:44, 53; 69:440; *azurea* 54:
177; *coccinea* 72:393; *elegans sonoriensis*
70:465; *lanceaefolia* 69:
453; *lanceifolia* 69:453; *lyrata* 73:
496; *micrantha* 67:350; *misella* 67:
350; *occidentalis* 69:440; *pitcheri*
60:41, 43; *reflexa* 60:41, 43; 64:
153, 157 (fig. 36); *serotina* 69:440;
sylvestris 54:210; *thomasiana* 69:
394, 440
Salvinia rotundifolia 69:376
Samanea 69:410; *saman* 69:391, 410
Sambucus 69:446; 75:121; *canadensis*
51:156; 52:297; 63:43, 150; 72:79,
526; 73:460; *pubens* 55:194; 63:66;
65:94; 67:373; 70:182; 72:526; 74:
394; f. *rosaeiflora* 69:453; f. *rosiflora*
69:453; *simpsonii* 57:288; 69:
446
Samolus 64:147; *alyssoides* 60:1;
cinerascens 60:1-2, 4; *cuneatus* 60:1;
dichondrifolius 60:2, 3 (figs. 1-6),
4-6; *ebracteatus* 57:278, 287; 60:
1-2, 4-6; *floribundus* 57:287; *parviflorus*
53:3; 64:152, 157 (fig. 28)
Samyda 69:427; *dodecandra* 69:427
Sanchezia 66:313; 72:119; *arborea* 66:
318, 334 (figs. 4O-4P), 338; *aurantiaca*
66:316, 330 (figs. 3E-3F-3G),
331; *aurea* 66:316, 329, 330 (fig.
3B); *bicolor* 66:314, 320, 321 (figs.
1E-1F); *capitata* 66:314, 319; *coccinea*
66:316, 330 (figs. 3J-3K); *coleifolia*
66:314, 317, 321 (figs. 1G-1H),
322; *conferta* 66:317, 336;
cyathibractea 66:314, 319; *dasia*
66:314, 320, 321 (figs. 1C-1D); *decora*
66:318, 338, 339 (figs. 5A-5B-
5C); *ecuadorensis* 66:318; *ferreyrae*
66:317, 334 (figs. 4L-4M-4N), 337;
filamentosa 66:316, 331; *flava* 66:
315, 324; *glaucophylla* 66:324;
habra 66:316, 326 (figs. 2F-2G-2H),
327; *helophila* 66:315, 325, 326
(figs. 2A-2B); *hirsuta* 66:323; *killipii*
66:316, 327; *klugii* 66:316, 330
(figs. 3A, 3I); *lampra* 66:317, 334

- (fig. 4H), 335; *lasia* 66:317, 334 (figs. 4J-4K), 336; *leucerythra* 66:314, 318, 321 (figs. 1A-1B); 72:119-120; *lispa* 66:318, 338, 339 (figs. 5D-5E); *longiflora* 66:317, 335; *loranthifolia* 66:318, 341; *lutea* 66:318, 340; *macbridei* 66:323; *megalia* 66:314, 321 (figs. 1J-1K), 322; *munita* 66:315, 325; *nobilis* 66:315, 334; *oblonga* 66:315, 323; *ovata* 66:314, 320; *oxysepala* 66:317, 336; *parvibracteata* 66:318, 341; *parviflora* 66:318, 340; *pedicellata* 66:317, 334 (fig. 4I), 336; *pennellii* 66:314, 319; *peruviana* 66:315, 323, 343; *pulchra* 66:315, 325; *punicea* 66:317, 333, 334 (figs. 4A-4B); *putumayensis* 66:318, 340; *rhodochroa* 66:316, 330 (fig. 3D), 331; *rosea* 66:315, 317, 335; *rubriflora* 66:315, 325; *sanmartinensis* 66:316, 326 (fig. 2I), 328; *scandens* 66:317, 337; *sericea* 66:315, 324; *skutchii* 66:318, 339 (figs. 5F-5G-5H-5I), 341; *speciosa* 66:315, 324; *sprucei* 66:317, 335; var. *salvadorensis* 66:341; *stenantha* 66:314, 322; *stenomacra* 66:316, 329, 330 (fig. 3C); *sylvestris* 66:317, 337, 340; *tarapotensis* 66:318, 339 (figs. 5J-5K-5L), 341; *thinophila* 66:314-315, 320; f. *glabra* 66:320; f. *thinophila* 66:320; *tigrina* 66:318, 340; *villosa* 66:316, 328, 330 (fig. 3A); *williamsii* 66:316, 332; *woytkowskii* 66:317, 333, 334 (figs. 4C-4G); *xantha* 66:315, 326 (figs. 2C-2E), 327
- Sanguinaria canadensis* 55:156; 63:47, 52, 295; 67:372, 386; 70:216; 71:170; var. *rotundifolia* 66:312
- Sanguisorba canadensis* 53:269; 65:80; 69:314, 316; 75:256; *minor* 69:314, 318; *occidentalis* 55:238; *officinalis* 55:18; 69:315, 318
- Sanicula gregaria* 63:44; *marilandica* 53:19; 55:177; 58:247; 67:394, 395 (fig. 2, map)
- Sanidophyllum cumulicola* 64:232-234
- Sansevieria guineensis* 57:284; 73:50; *metallica* 67:324
- Santalaceae* 52:293; 55:145; 60:298
- Santolina* 75:170; *chamaecyparissus* 54:181
- Sanvitalia* 64:265; 68:215; *abertii* 68:215; *fruticosa* 68:216; *ocymoides* 58:275-278; 63:128; *procumbens* 59:32; 63:128; 64:265, 275; 65:229, 232 (fig. 24); *tenuis* 68:215-216; *tragiaefolia* 58:275; *versicolor* 68:216
- Sapindaceae* 66:13; 67:338; 69:422; 70:322
- Sapium jamaicense* 69:374; spp. 69:421
- Saponaria* 52:233; *ocymoides* 62:109, 116; *officinalis* 52:243, 294; 62:109, 115; 72:517; *segetalis* 52:244; *vaccaria* 52:244; 54:127; 62:109, 115
- Sapota achras* 67:344; 69:434
- Sapotaceae* 67:344; 69:433; 72:25
- Saracha* 75:333-334; sect. *Chamaesaracha* 75:325, 337; *acutifolia* 69:223; *amphitrica* 69:97; *antillana* 67:351; *coronopus* 75:339; *potosina* 75:364; *stapeliaeflora* 69:105; *stapelioides* 69:105
- Sarcodum* 51:222
- Sarcomphalus domingensis* 67:339; 69:423; *reticulatus* 67:339; 69:423; *taylori* 66:6; 67:339
- Sarcosphaera ammophila* 59:17
- Sarcostemma* 51:58; *clausum* 57:287; 67:346; *crispum* 51:58; 52:20; 53:132; *cynanchoides* 52:20; *heterophyllum* 51:58; *lobatum* 51:58, 59 (figs. 1-2); 52:170
- Sargassaceae* 75:271
- Sargassum* 75:78, 82, 84, 89, 92; *fluitans* 74:295; 75:79, 95; *hystrix* var. *buxifolium* 75:271; *natans* 74:298; 75:79, 84, 89, 95, 271
- Sarracenia* 51:301; *alata* 71:29-30, 32; *flava* 59:207; 62:333; *heterophylla* 58:203; *psittacina* 71:32; *purpurea* 53:10; 55:162; 57:113-114; 58:203, 204 (fig. 1, map), 205; 63:50-51; 65:91; 70:206-208; 72:518; 75:318; f. *heterophylla* 54:226; 58:203, 204 (fig. 1, map), 205-207; var. *heterophylla* 57:308; var. *terrae-novae* f. *heterophylla* 54:226; *rubra* 52:262; 66:380
- Sarraceniaceae* 55:162; 63:50-51; 71:32; 75:318
- Sassafras albidum* 54:64, 132; 60:206; 62:111, 114; 63:66; 73:492; var. *molle* 52:294; 62:111, 114
- Satureja acinos* 57:73; 73:60; *arkansana* 57:73; 70:431; *calamintha* 57:73; *glabella* 57:73; var. *angustifolia* 57:73; *hortensis* 57:73; *rigida* 75:421; *vulgaris* 55:188; 57:73; 70:179
- Satyrion albidum* 52:249
- Saurauia* 72:81; *aequatoriensis* 72:86 (pl. 4), 90 (map M), 92; *biserrata* 72:86 (pl. 4), 90 (map O), 92; *brachybotrys* 72:86 (pl. 4), 90 (map A), 92; *bullosa* 72:83 (pl. 2), 84 (pl. 3), 87-88, 90 (map I), 92; *chiliantha* 72:87, 90 (map D), 92; *humboldtiana* 72:86 (pl. 4), 90 (pl. 3), 92; *isoxanthotricha* 72:84 (pl. 3), 86 (pl. 4), 90 (map H), 92;

- omichlophila 72:82 (pl. 1), 84 (pl. 3), 90 (map G), 92; pastasana 72:86 (pl. 4); peduncularis 72:88, 90 (map F), 92; portachuelensis 72:86 (pl. 4), 87, 90 (map K), 92; prainiana 72:90 (map N), 92; pruinosa 65:13 (fig. 8), 14; putamayonis 72:90 (map L), 92; stapfiana 72:86 (pl. 4), 90 (map C), 92; tomentosa 72:86 (pl. 4), 87, 90 (map J), 92; ursina 72:90 (map B), 92
- Saururaceae 58:125
- Saururus cernuus 58:125, 130, 133; 63:146; 64:88, 91
- Saussurea angustifolia 65:222; f. ramosa 53:159; viscida 55:247; var. yukonensis 55:252
- Savia erythroxyloides 65:196
- Saxifraga 52:183, 227, 248; 75:2; aizoides 54:222, 279; 56:243; 63:51-52; 67:382; 68:410, 412 (fig. 4, map), 416; 70:184-185; aizoon 55:53; 57:301; 63:51-52; 67:381; 69:483-486; 71:170; var. neogaea 54:227; 55:80, 163; 57:301-302, 308; 63:51; 68:409, 412 (fig. 4, map), 416; 69:483; 70:180-182; bronchialis subsp. funstonii 55:251; 65:218; caespitosa 53:50; 59:292; 67:381; f. uniflora 54:49, 52, 54, 216; subsp. eucaespitosa f. uniflora 54:279, 283; subsp. sileniflora 55:251; cernua 54:49, 52, 54, 216, 283; 55:53; 65:218; 69:485-486; 71:170; var. latibracteata 55:52, 81, 163; davurica 65:211; subsp. grandipetala 65:218; eschscholtzii 55:251; 65:211, 218; flagellaris 54:48-49, 52, 54, 283, 285; 55:251; subsp. flagellaris 65:218; subsp. platysepala 65:218; foliolosa 54:49, 52, 54, 283; 65:218; hieracifolia 54:54, 282-283; var. rufopilosa 65:218; \times nivalis 54:283; hirculus 54:280; 65:218; var. propinqua 54:49, 52, 216; hyperborea 54:54; 59:292; lyallii 55:247, 251; nivalis 54:49, 52, 54, 283; 55:163; 59:292; var. tenuis 54:54; nudicaulis 72:486, 488; occidentalis var. occidentalis 74:382; oppositifolia 52:62; 54:49, 52, 216, 280; 55:245, 247, 251; 63:51-52; 65:218; 67:381; subsp. oppositifolia 71:505; pensylvanica 63:51-52; punctata subsp. nelsoniana 65:218; rivularis 54:40-41, 52, 54; 55:251; 59:292; 63:51-52; 69:486; 72:486; 75:153, 154 (fig. 1); rosacea 59:292; serpyllifolia 55:247, 251; spicata 71:508; stellaris var. comosa 54:49, 52, 283; 63:51-52; 66:409; tenuis 54:54; 59:292; tolmiei 70:107; tricuspidata 54:216, 280; uniflora 54:283; virginensis 52:183, 295; 55:79, 162; 63:51-52; f. glomerulata 55:163; var. subintegra 52:183
- Saxifragaceae 52:295; 53:89-90; 55:162; 63:50-51, 211; 64:150; 71:32, 514; 75:318
- Scabiosa arvensis 52:53
- Scaevola 69:447; plumieri 57:279, 280 (fig. 9), 281, 288; 69:447
- Scalesia 75:142-144
- Scandix pecten-veneris 62:263
- Scapania buchii 60:213; curta 60:216; cuspiduligera 60:216, 217 (fig. 6, map), 223-224; degenii 60:220, 221 (fig. 10, map), 222; var. dubia 60:220, 221 (fig. 10, map); gymnostomophila 60:215 (fig. 5, map), 216, 223; helvetica 60:216; hyperborea 60:220, 221 (fig. 10, map), 222, 224; incurva 60:215; irrigua 58:248; microphylla 60:213; mucronata 59:26; 60:234; nemorosa 53:121; 59:253; 72:277-279; paludicola 64:124; scandica 60:214, 215 (fig. 4), 216; spitzbergensis 60:216; undulata 59:253; 72:276-279
- Scapaniaceae 53:121
- Scaphyglottis modesta 67:325
- Scenedesmaceae 63:277; 67:251; 75:266
- Scenedesmus 63:277-278; abundans 63:277; 64:56; 71:457; var. brevicauda 64:56; acuminatus 63:277; 75:266; acutiformis 63:277; 64:56; 71:457; arcuatus 63:277; var. capitatus 63:277; var. platydisca 63:277; 64:56; 71:457; armatus 63:277; var. major 64:56; bijuga 58:122; 63:277; 64:56; 71:457; var. alternans 63:277; brasiliensis 63:277; 64:56; 71:457; carinatus 63:277; caudatus 63:277; var. typicus 63:277; denticulatus 63:277; 64:56; dimorphus 63:278; 64:56; 71:457; hystrix 67:252; incrassatulus 63:278; longus 63:278; 64:56; var. minutus 64:56; obliquus 63:278; 64:56; 67:252; opoliensis 63:278; 71:457; 75:266; quadricauda 63:278; 64:56; 67:252-253; 71:458; 75:266; var. longispina 64:56; var. parvus 63:278; 71:458; var. quadrispina 63:278; var. westii 63:278; 71:458; serratus 71:458; sp. 75:266
- Schaefferia 69:422; frutescens 69:422
- Schaetzellia 72:101; mexicana 72:102; standleyi 72:102
- Schedonnardus paniculatus 52:19
- Schedonorus inermis 52:210

- Scheleobracea maydica* 61:97; *quadrata* 61:103; *sacchari* 61:104
Scheuchzeria 65:34; *palustris* 52:47; 55:83; var. *americana* 53:10; 55:54, 117; 61:278; 65:34; 70:206
Schinus molle 73:119, 121, 131; *terebinthifolius* 57:286
Schisandra chinensis 73:213
Schismatoglottis nova-guineensis 62:256
Schistocarpha bicolor 64:269
Schistostega 75:151; *osmundacea* 75:149; *pennata* 71:305; 75:149
Schistostegaceae 75:149
Schizachne purpurascens 55:45, 118; 57:304; 58:322, 324; 68:413 (fig. 8, map), 417; 70:184
Schizachyrium brevifolium 67:317; *domingense* 67:317; *gracile* 67:317; *semiberbis* 67:317
Schizaea confusa 63:99; *fistulosa* 63:99; *melanesica* 63:99; *papuana* 63:99; *pennula* 67:356; *poepigiana* 67:356; *pusilla* 54:223; 57:220; 62:294; 63:99; 67:376; 70:216
Schizaeaceae 67:356
Schizochlamys 64:58; *aurantia* 58:122; *gelatinosa* 58:122
Schizomeridaceae 67:251
Schizophragma hydrangeoides 73:213
Schizophyllum commune 61:89; *umbrinum* 61:89
Schizothrix arenaria 58:122; 75:290; *calicola* 58:122; 67:252; 71:116; 73:238, 267; 74:487; 75:290; *daileyi* 58:122; *lacustris* 58:122; *lamyi* 58:122; *lardacea* 58:122; *lateritia* 58:122; *mellea* 58:122; *muelleri* 58:122; *purpurascens* 58:122; *tenerima* 75:290
Schkuhria 58:164; *anthemoidea* 64:258, 261 (fig. 29); var. *wislizeni* 64:268; 65:231, 232 (fig. 31), 238-239; *bigelovii* 66:213; *biternata* 66:201; *multiflora* 64:258; 66:72 (fig. 15), 73, 75, 177-178, 308-309; *pedata* 66:204; *pinnata* 64:258, 269; 66:177; *schkuhrioides* 66:72 (fig. 16), 75, 309; *woodhousei* 66:290
Schlegelia brachyantha 67:352; *portoricensis* 67:352
Schobera angiosperma 67:348; 69:438
Schoenobiblus peruvianus 65:116, 117 (pl.)
Schoenolirion croceum 61:71; 75:368
Schoenoxiphium 74:322 (fig. 11); *kobresioides* 74:327; *rufum* 74:322 (figs. 16-17), 323
Schoenus corniculatus 52:22
Schoepfia obovata 66:12
Schradera vahlii 67:353
Schrankia 69:480; *microphylla* 59:116-117; *nuttallii* 59:116-117; 64:355; *occidentalis* 71:217; *portoricensis* 67:332; *roemeriana* 69:481; *uncinata* 59:116-118; 69:481
Schroederia judayi 71:452, 453 (fig. 14), 458; *setigera* 71:458
Schuebleria stricta 57:104
Schultzia obolarioides 61:60; *virginica* 61:60
Schwetschkeopsis denticulata 53:127; 59:256; *fabronia* 74:524
Sciadopitys verticillata 51:6; 68:521, 523
Sciaromium lescurii 62:164; 74:524
Scilla esculenta 58:284, 287; 70:44-45; *peruviana* 58:2; *sibirica* 53:81, 88
Scindapsus aureus 62:256; *pictus argyreus* 62:252, 256
Scirpus 53:41; 56:207; 67:100; 68:450; 69:198; 70:221; 71:513; 72:565; *acaulis* 67:100, 102; *acutus* 53:15; 55:127; 58:44; 65:28-29; 67:375; 72:511; *americanus* 53:10; 54:203; 57:114, 284; 65:28, 30; 67:100; 70:442-444; 71:23, 31; 72:511; 73:256; 74:476, 483 (fig. 1); 75:315; subsp. *polyphyllus* 67:102; var. *polyphyllus* 67:102; *ancistrochaetus* 64:44, 45 (pl. 1266), 46, 47 (fig. 1), 48 (fig. 2, map), 49; 65:28, 33-34; 72:272; *atrovirens* 64:47 (fig. 1), 48 (fig. 2, map); *asper* 67:100, 102; *atacamensis* 67:100-102; *atrocinctus* 55:127; 63:237-238, 239 (fig. I), 240-242; 65:28-29, 89; 72:512; 75:315; f. *brachypodus* 55:127; *atrovirens* 63:237-238, 239 (fig. I), 240-241; 64:43-44, 46, 47 (fig. 1), 48-49; 65:28, 30; 69:198, 200; 73:256; 75:315; f. *sychnocephalus* 54:251; var. *flaccidifolius* 69:198; var. *georgianus* 53:10; 65:28-30; 72:512; f. *viviparus* 69:31; *boliviensis* 67:100-101; *californicus* 52:23; 67:100, 103; *carinatus* 51:22; 60:12; *cernuus* 67:100-101; *cespitosus* 55:41; 60:253; 64:124; var. *callosus* 52:62-63; 54:221; 55:126; 57:305; 61:123; 65:28, 30; 72:511, 520; 74:367; var. *delicatulus* 54:221; 56:246; 65:28, 32; 68:413 (fig. 8, map), 417; 70:180, 184, 186; *clintonii* 65:28, 30; *cubensis* 73:160; *cyperinus* 63:238; 65:28, 30; 71:23; f. *andrewsii* 73:256; f. *pelius* 75:315; var. *cyperinus* 72:512; var. *eriphorum* 57:284; var. *pelius* 65:28-29; 72:512; 73:256; f. *condensatus* 72:512; *debilis* 74:398; 75:376; *deserticola* 67:100, 103; *etuberculatus* 51:115; 54:258; 55:15-16; 60:12; *expansus* 64:46;

- 65:28, 31; *flaccidifolius* 69:198, 199 (figs. 1-3), 200-201; *fluviatilis* 55:127; 65:28, 33-34; *fuirena* 67:321; *georgianus* 69:198, 200; *hallii* 54:251; 55:15; 61:290-291; 65:28, 33-34; *hattorianus* 69:198, 200; *heterochaetus* 52:286; 65:28, 33-34; *hudsonianus* 51:110; 55:54, 80, 127; 57:113, 305; 65:28, 30; 67:382; 70:207; *inundatus* 67:100-101; *koilolepis* 51:22; 60:12, 30; 63:20, 146; *lacustris* 58:44; 70:170; subsp. *validus* 67:321; var. *tabernaemontani* 58:44; *lineatus* 65:28, 33-34; *longii* 57:90; 63:238; 65:28, 33-34; 72:133, 136; 73:356; *maritimus* 67:374, 377; 75:54, 61; var. *fernaldii* 53:2; 65:28, 32; 74:291; 75:57; *micranthus* 67:99; *microcarpus* 53:157; 58:65; *mucronatus* 58:43; *olneyi* 65:28, 32; 74:329; *paludosus* 54:208; var. *atlanticus* 53:20; 65:28, 32, 76; 72:512; *peckii* 53:63; 63:237-238, 239 (fig. I), 240-242; 64:46; 65:28, 32; 73:256; *pedicellatus* 53:10; 55:47-48, 127; 63:237-241; 65:28, 30; 72:512; var. *pullus* 65:28, 30; *polyphyllus* 57:311; 64:43, 46; 65:28, 32; 69:377; *purshianus* 65:28, 30; 74:398, 400 (fig. 1), 401; 75:376; f. *purshianus* 74:398-399, 401; f. *williamsii* 74:398-399, 401; *rigidus* 67:100, 102; *riparius* 67:103; *robustus* 65:28, 32, 76; 74:291; *rubricosus* 60:206; 65:28, 33-34; *rubrotinctus* 53:10; 55:127; 65:28-29; 72:512; *rufus* 54:202; var. *neogaeus* 53:9; *saximontanus* 52:167; *setaceus* 66:127; *smithii* 56:226; 65:28, 30; 73:256; 74:398, 400 (fig. 2), 401; f. *levisetus* 74:398-399, 401; f. *setosus* 74:398-399, 401; f. *smithii* 74:398-399, 401; *steinmetzii* 65:29, 33-34; *subterminalis* 52:286; 55:127; 65:29-30; 67:376; 73:256; *sylvaticus* 64:46; *tabernaemontani* 58:43; *torreyi* 65:29, 31; *validus* 58:44; 67:321, 374; 75:54, 57, 61; var. *creber* 53:19; 65:29, 89; *verecundus* 65:29, 31
- Scleranthus annuus* 53:268; 62:109, 115
- Scleria* 67:125; *amphigaea* 67:125-126; *arundinacea* 67:126, 130, 132; *bracteata* 67:126, 131; f. *simplicior* 67:131; *castanea* 67:125, 127; *ciliata* 67:322; *composita* 67:126, 128; *cyperinoides* 67:126, 129; *eggeriana* 67:322; *georgiana* 71:31; *grisebachii* 67:322; *hirtella* 67:125-126; *lagoënsis* 67:126, 131; *latifolia* 67:126, 130, 132; *leptostachya* 67:125-127; *lithosperma* 67:125, 127; *macrophylla* 67:125, 128; *melaleuca* 67:126, 132; 69:372; *microcarpa* 67:125, 128; *minor* 52:258; *mitis* 67:125, 129; *nitida* 60:207-208; 73:111; *obtusata* 67:126, 129; *oligantha* 52:23; 71:31; *paludosa* 67:128; *panicoides* 67:126, 130; *pauciflora* var. *caroliniana* 54:126; 65:29, 33-34; *pleostachya* 67:127; *pterota* 67:126, 132; 69:372; *reflexa* 67:133; *reticularis* 60:41; 61:291; 63:21; 65:29, 31, 81; 71:31; *secans* 67:126, 133; *setacea* 67:126, 131, 321; *stevensiana* 67:322; *tenacissima* 67:126, 131; *triglomerata* 52:24; 60:208; 62:202 (pl. 1254); 65:29, 31; 67:322; *vaginata* 67:126, 132; *verticillata* 65:29, 33-34
- Sclerocarpus columbianus* 74:203; *dentatus* 64:256, 261 (figs. 15-16), 267; *divaricatus* 64:261 (fig. 17), 267; *frutescens* 64:261 (fig. 18), 267; *phyllocephalus* 64:261 (fig. 19), 267; *schiedianus* 64:255-256; *sessilifolius* 64:261 (fig. 20), 267; *uniserialis* 64:256
- Sclerodermatales* 67:89; ser. *Gasteromycetes* 67:89
- Sclerotium rolfsii* 51:365
- Scoliosorus ensiformis* 66:110
- Scolosanthus densiflorus* 67:353; *grandiflorus* 67:353; *multiflorus* 67:353; *versicolor* 67:353
- Scoparia* 69:442; *dulcis* 57:288; 60:24; 64:154, 159 (fig. 45); 66:14; 69:442
- Scosanthus versicolor* 67:353
- Scrophularia lanceolata* 51:111; 54:177; 55:189; 72:525; *leporella* 55:189; *marilandica* 68:425; *nodosa* var. *marilandica* 51:111
- Scrophulariaceae* 52:297; 55:189; 63:211; 64:147, 153; 66:14, 229; 67:351; 69:442; 70:396; 71:33, 551; 73:48, 50; 75:320
- Scutellaria brittonii* 74:386; *churchilliana* 56:250; *epilobiifolia* 53:5, 158; 55:47, 188; 65:94; 71:20, 27; 72:524; 73:260; 75:320; *galericulata* 53:159; 55:188; var. *epilobiifolia* 53:158; *integrifolia* 64:153, 157 (fig. 37); 66:379; 71:33; var. *glandulosa* 73:496; *lateriflora* 53:5; 55:188; 67:373; 72:524; 73:260; *nervosa* f. *alba* 54:257; *ovata* 57:320; var. *ovata* 74:148-149; var. *rugosa* 74:148-149; var. *versicolor* 74:148-149; *racemosa* 75:401; sp. 72:79
- Scybalium jamaicense* 61:79
- Scytonema* 64:58; *densum* 58:122; *figuratum* 58:122; *mirabile* 58:122; sp. 71:154; *tolypotrichoides* 58:122

- Scytonemataceae 63:281; 75:293
 Scytosiphon 55:105; lomentaria 66:
 220, 233; 71:127; 72:117, 322, 338;
 73:280; 74:267, 298, 409, 420, 479-
 480; 75:59, 270
 Scytosiphonaceae 71:127; 75:270
 Sebestiana corniculata 67:337; ligu-
 strina 52:263
 Sebesten rickseckeri 67:347; 69:438;
 sebestena 67:348; 69:438
 Secale cereale 69:31; 72:510
 Sechium 69:447; edule 69:447
 Securidaca diversifolia 67:336; longi-
 pedunculata 64:104; virgata 67:336;
 volubilis 67:334
 Securinega buxifolia 65:199; capensis
 56:48, 54; fasciculata 56:55; var.
 hallii 56:57; hallii 56:57
 Sedum 53:95; 59:243; 60:233; 70:399,
 401, 403; 72:460; acre 54:256; 61:
 247; 63:50, 54; alamosanum 74:311;
 alboroseum 63:50, 55; anopetalum
 61:247; 63:50, 55; anophyllum 61:
 247; beyrichianum 72:467; cocke-
 rellii 74:302-306, 307 (figs. 1-14),
 309 (fig. 29, map), 311-312, 314;
 cymosum 66:90; var. **smallii** 66:90;
 diffusum 74:311; glaucophyllum 72:
 460-462, 463 (figs. 1-12), 465-470,
 471 (fig. 17, map), 472, 474-476; 74:
 312; griffithsii 74:302-303, 308, 311;
 havardii 74:302, 308 (figs. 27-28),
 311, 320; lanceolatum 74:311-312;
 nevii 72:460, 463 (fig. 13), 465-469;
 niveum 74:302, 305, 307 (figs. 15-
 16), 317; nuttallianum 66:90-91;
 pulchellum 72:460, 462, 463 (fig.
 16), 465, 469; purpureum 60:65-66;
 63:50, 54; 72:518; pusillum 66:87-
 91; 70:394, 399, 400 (fig. 6; fig. 8,
 map); 401, 403, 405; rosea 53:1;
 55:248, 251; 57:302; 60:219, 232-
 233, 251; 61:23; 63:50, 52; 64:345;
 65:91, 286; 68:411 (fig. 2, map),
 415-416; 70:182, 184-185; 71:521;
 72:460, 518, 530; 75:318; var. leedyi
 60:232; rupestre 63:50, 55; sarmen-
 tosum 57:313; 63:50, 55; sexangu-
 lare 61:247; smallii 70:399, 400 (fig.
 6; fig. 7, map), 401, 405; 73:497,
 508, 510-511, 513; sparsiflorum 73:
 380; spathulifolium 74:312; spurium
 63:50, 55; 71:170; stellatum 70:401;
 stelliforme 74:302, 305-306, 308
 (fig. 21), 309, 311-312, 318; tele-
 phium 63:50, 55; f. purpureum 75:
 318; ternatum 63:50, 53; 72:460,
 462, 463 (figs. 14-15), 465-469, 471
 (fig. 11, map), 474-475; 74:306, 312;
 wrightii 74:302, 305-306, 308 (figs.
 22-26), 310 (fig. 30, map), 311, 318
 Selaginella 55:353; acanthonota 62:
 32; albonitens 67:360; apoda 51:
 109; apus 51:109; arenicola 62:320;
 subsp. acanthonota 60:291; 62:320;
 70:290; subsp. riddellii 62:320; var.
 acanthonota 62:320; var. riddellii
 62:320; armata 67:360; densa 56:
 208-209; flabellata 67:361; plagio-
 chila 67:360; plumosa 67:360; por-
 toricensis 67:360; riddellii 62:320;
 rupestris 55:46, 93; 72:508; var.
 acanthonota 62:320; selaginoides
 53:7; 55:51, 76, 93; 56:244; 67:382;
 70:210, 212; sintenisii 67:361; spp.
 71:59; stipitata 67:361; stolonifera
 67:360; subcaulescens 67:361; sub-
 stipitata 67:360; tenella 67:360; un-
 derwoodii 74:82
 Selaginellaceae 55:93; 67:361
 Selenastrum minutum 63:277
 Selenicereus 69:428; grandiflorus 69:
 428
 Seligeriaceae 62:147, 153
 Selinocarpus diffusus 53:131
 Selloa glutinosa 62:44; plantaginea
 68:144
 Sematophyllaceae 62:147, 166
 Sematophyllum adnatum 53:126; 59:
 257; 62:166; carolinianum 62:166
 Sempervivum 53:95; tectorum 51:8;
 63:50, 54; 72:518
 Senecio 59:242; 61:272; 62:44; 67:
 239; 70:233; 75:211; adamantinus
 70:230 (fig. 24), 239; anonymus
 75:211-212, 213 (fig. 1), 214, 216-
 218; antennariifolius 61:77; atro-
 purpureus 71:507; subsp. atropur-
 pureus 65:222; subsp. frigidus 65:
 222; var. tomentosus 55:252; aureus
 52:297; 53:7; 55:200; 65:65; 67:373;
 var. angustifolius 75:217; var.
 aquilonius 53:8; var. semicordatus
 53:8; brasiliensis 70:239; cobanensis
 var. sublaciniatus 64:269; confusus
 64:269; 75:423; conterminus 65:222;
 conzatii 64:269, 276; **costaricensis**
 67:239, 240 (pl. 1312), 241; cunei-
 folius 72:99; cyclophyllum 63:123
 (fig. 25), 125, 129; deformis 64:
 269; desiderabilis 72:99; earlei 75:
 219; eremophilus 55:53, 81, 200;
 erisithalifolius 70:239; filifolius 74:
 111; fuscatus 65:222; hemmendorffii
 72:99; hirsuticaulis 64:269; hyper-
 borealis 65:211, 222; icoglossus 72:
 99; imparipinnatus 64:259, 261
 (fig. 31), 269; indecorus 53:11;
 iodanthus 64:276; jacobaea 53:22;
 kingii 55:200; longilobus 51:20; 74:
 111; lugens 65:222; obovatus 65:
 66-67; pauciflorus 53:159; pauper-
 culus 55:200; 61:78; 65:65-67;
 68:414 (fig. 11, map), 417; var.

- balsamitae* 55:200; *f. inchoatus* 55:200; *var. pauperculus* 65:65; *picridis* 64:269; *plattensis* 61:78, 183; 65:65-67; *pseudo-arnica* 51:99; *resedifolius* 51:99; 63:125; 65:222; *robinsii* 72:528; *salignus* 64:269; *sanguisorbae* 63:125, 129; *smallii* 61:78; 65:66-67; 73:497, 508, 510-511, 513; 75:211-212, 214, 216-217; *f. tristis* 75:219; *squalidus* 56:251; *streptanthifolius* 65:66-67; *sylvaticus* 65:95; 72:528; 75:321; *tolucanus* 63:123 (fig. 24), 125, 129; 64:269; *tomentosus* 65:66-67; 75:211, 214, 216-218; *townsendii* 67:241; *tridenticulatus* 51:20, 28; *viscosus* 59:289; *vulgaris* 51:112; 65:95; 66:142; 72:528; 74:395; 75:321
Senegalia muricata 69:408; *westiana* 69:408
Senna obovata 67:332
Separotheca 61:136; 75:149; *pumila* 61:138
Sequoia gigantea 52:4-5; *semper-virens* 52:4
Sequoiadendron 52:5; *giganteum* 52:5
Serapias helleborine 51:163; 53:240
Serenoa repens 57:284
Serjania 69:422; *polyphylla* 69:422
Serpicula 67:171; *canadensis* 67:12, 171; *occidentalis* 67:6, 167, 169-171; *verticillata f. β var. angustifolia* 67:6, 171
Serratula caroliniana 72:146, 154; *glauca* 72:147, 150; *noveboracensis* 72:146, 153; *praealta* 72:146, 153
Sertularia 71:132
Sesamum indicum 67:352; *orientale* 67:352
Sesban emerus 67:333; *exaltata* 60:17; *sericea* 67:333; *sesban* 67:333
Sesbania 57:213; 69:414; *subgen. Agati* 57:215; *subgen. Daubentonia* 57:213-218; *subgen. Eusesbania* 57:213-217; *subgen. Glottidium* 57:213, 216-218; *aculeata* 57:215; *aegyptiaca* 57:215; *australis* 57:214; *bispinosa* 57:215-216; 67:333; *drummondii* 57:215 (fig. 2), 216-217; *emerus* 67:333; *exaltata* 57:215 (fig. 1), 216-217; 60:10, 17; 62:234; *grandiflora* 57:215-216; 67:333; 69:414; *longifolia* 57:214; *macrocarpa* 57:215, 286; *marginata* 57:215; *punctata* 57:215; *punicea* 57:215; *sericea* 57:215; 67:333; *sesban* 57:215-216; 67:333; *speciosa* 57:215; *spinosa* 67:333; *tetraptera* 57:215; *vesicaria* 57:215 (fig. 3), 216-217
Seseli divaricatum 57:291; 70:49; *lucidum* 57:291; 70:49
Sesuvium 69:404; *erectum* 68:421-422; *maritimum* 57:285; 68:422; *microphyllum* 75:415; *portulacastrum* 57:278, 281, 285, (pl. 1219); 67:313; 68:422-423; 69:404; *sessile* 68:422; *trianthemoides* 68:422; *verrucosum* 62:94; 68:421
Setaria 51:391-392; 53:27; 68:105, 335; *argentina* 68:336, 338; *barbata* 67:319; *barbinodis* 68:336, 339; *faberi* 51:391-392; 53:113; 55:289; 58:43; 59:234; 61:220-223; 67:195; 75:372; *geniculata* 57:284; 66:380; 67:319; 68:336; 73:50; 75:413; *glauca* 53:27-28, 30; 57:284; 59:234; 60:65; 63:136; 68:445-446; 72:511; *gracilis* 68:336; *f. brevispica* 68:336; *f. penicillata* 68:336; *grisebachii* 56:180; *italica* 51:8; *leiophylla* 67:319; *liebmannii f. trichorachis* 68:339; *lutescens* 51:392; 53:27-28; 56:180; 59:234; 63:136; 67:319; *macrosperma* 57:284; *macrostachya* 52:20; 56:208, 210; *magna* 67:319; *muricata* 58:48, 331; 68:440; *oblongata* 68:336, 338; *poiretiana* 68:336; *pradana* 67:319; *rariflora* 67:319; *scandens* 68:336-337; *setosa* 67:319; *tenacissima* 67:319; 68:336-337; *tenax* 68:336-337; *trichorachis* 68:336, 339; *utowanaea* 67:318; *verticillata* 59:234; *viridis* 51:392; 53:29; 59:234; 61:220-222; 67:195; 72:511; 73:105; ×*faberi* 59:234; *vulpiseta* 67:319; 68:336, 338
Setcreasea 64:329; 72:268; *australis* 64:72; 72:268; *brevifolia* 64:68-70, 71 (figs. 5-6), 72-73, 330; 72:264-265, 267, 269; *var. brevifolia* 72:265-266, 268-269; *var. buckleyi* 72:265, 267-269; *var. nanella* 72:265-266, 269; *var. pulchella* 72:265-266, 269; ×*ovata* 64:69; *buckleyi* 64:68; 72:264, 267-268; *hirsuta* 64:330; *jaumavensis* 64:69-70; *lanceolata* 64:330; *leiandra* 64:72; *ovata* 64:68-70, 71 (figs. 2-4), 72; 72:264-265; ×*pallida* 64:69; ×*purpurea* 64:69; *pallida* 64:68-70, 71 (fig. 1), 72, 329; 72:264, 268; ×*ovata* 64:69; *palmeri* 64:329-330; *purpurea* 64:69, 71-72; 72:264, 268; ×*ovata* 64:69; *tumida* 72:268
Setiscapella cleistogama 58:90; *pusilla* 67:352; *subulata* 67:351
Seymeria cassioides 64:90; *tenuifolia* 64:90
Seynesiella exigua 71:196 (figs. 6-8); *juniperi* 71:197
Sharpiella striatella 72:493

- Shepherdia canadensis* 55:53, 82, 176; 57:113; 67:92
Sherardia arvensis 62:263; *orientalis* 63:45
Shortia 52:229-232; *galacifolia* 52:229-231, 232 (map 1); 54:121-124; 57:189-201; 58:38; 61:297; 68:147, 151-152, 154; var. *brevistyla* 54:124
Shultzia 61:59
Sibara viereckii var. *endlichii* 59:62
Sibbaldia procumbens 52:47; 67:380; 69:315-316
Sicyos 70:50; *angulatus* 55:225; 70:50
Sida 69:10, 12-14, 22, 425; *acuminata* 69:425; *acuta* 67:339; 69:425; *aggregata* 69:374; *alba* 67:339; 69:374; *carpinifolia* 57:279, 287; 67:339; 69:425; 73:48; *ciliaris* 69:425; *eggersii* 69:425; *elliottii* 52:264; 75:393; *erecta* 67:339; 69:425; *glabra* 69:425; *glomerata* 69:425; *hispida* 69:9-14, 23; *humilis* 69:425; *inflexa* 52:264; *physocalyx* 52:20; *rhombofolia* 54:127; 69:11; 72:393; *salviaefolia* 67:339; 69:425; *setifera* 69:374; *spinosa* 54:127; 69:11, 374; 74:378, 384; f. *albiflora* 74:383; *urens* 69:425
Sideranthus 70:49, 370; *annuus* 62:321; *integrifolius* 57:291; 70:49; *megacephalus* 62:321; *pinnatifidus* 57:291; 70:50
Sideroxylon foetidissimum 57:277, 287; 67:345; 69:434; *portoricensis* 67:345
Sidopsis 69:9, 14, 16, 21-22; *hispida* 69:23
Siegesbeckia flosculosa 74:204; *nudicaulis* 64:272, 275; *orientalis* 64:272; *repens* 64:272, 275; 68:144; *triangularis* 64:272, 275
Sieglingia chapmanii 56:27; *decumbens* 67:377
Silene 51:367; 52:233-234; *acaulis* 51:367; 52:62; 55:247-249; 67:380; 70:206, 209, 211; subsp. *acaulis* var. *exscapa* 70:209; f. *athabascensis* 70:209; var. *exscapa* 62:109, 112-113; 65:216; *antirrhina* 55:11, 148; 62:109, 113; 70:452; f. *apetala* 62:109; f. *deaneana* 62:109; *armeria* 55:47, 148; 62:109, 115; 66:54; 72:517; *caroliniana* 72:59 (map 1), 60-62; subsp. *caroliniana* 72:59-62; subsp. *pennsylvanica* 72:64; subsp. *wherryi* 72:59 (map 1), 60-62, 64; var. *caroliniana* 72:59 (map 1), 62-63; var. *pennsylvanica* 62:109, 114; 72:59 (map 1), 61-63; var. *wherryi* 72:64; *conica* 62:109, 115; *cserei* 55:238; 62:109, 115; 69:32; *cucubalus* 52:294; 62:109, 115; 63:288; 69:32; *dichotoma* 59:29; 62:109, 115; *drummondii* 52:242; *furcata* 52:238; *gallica* 62:109, 115; 72:273; 75:387; *menziesii* 70:210; *nivea* 62:109, 116; *noctiflora* 52:243; 62:109, 115; 71:306; 72:517; *nutans* 62:109, 116; *pendula* 62:109, 116; *pennsylvanica* 72:62, 64; *pumilio* 67:196; 69:32; *regia* 59:33; *stellata* 62:109, 112, 114; var. *scabrella* 52:24; *virginica* 58:27, 28 (fig. 1, map); 72:60; *wherryi* 72:60; *williamsii* 53:157
Silphium 72:536; *albiflorum* 56:25; *asperrimum* 64:158, 159 (fig. 54); *betonicifolium* 52:40; *compositum* 64:158, 159 (fig. 55); 73:497, 507, 509, 511, 513; *integrifolium* 72:536, 537 (fig. 1), 538 (fig. 2), 539-542; var. *deamii* 72:539-540, 541 (fig. 3, map), 542; var. *gatteringeri* 72:539-540, 541 (fig. 3, map); var. *integrifolium* 72:539, 541 (fig. 3, map), 542; var. *neglectum* 72:539-540, 541 (fig. 3, map), 542; *laciniatum* 57:266; 60:127; *laevigatum* 72:538-539; *perfoliatum* 52:297; 65:75; *scaberimum* 72:540; *speciosum* 72:540; *terebinthaceum* 53:133-135; 57:159-160, 266; var. *lucy-brauniae* 53:134; 57:160
Silybum marianum 52:164
 Simaroubaceae 67:336; 69:417
Simsia dombeyana 72:94, 98
Sinapis alba 69:373; *arvensis* 55:154; 62:19; 67:331; var. *stricta* 52:127; *nigra* 62:12
Siphonanthus indicus 67:350
Siphoneugenia densiflora 67:343
Sirodesmium compositum 61:98; *ellipticum* 61:99
Sirosiphon 64:58
Sisymbrium 54:162, 183; 71:552; *alpinum* 58:156; *altissimum* 51:111; 63:49, 54; 72:518; *amphibium* 62:16; *arcuatum* 62:58-60; *berlandieri* 62:14; *curvisiliquum* 63:3; *humile* 55:109; *indicum* 62:19; *kearneyi* 62:60; *linearifolium* 59:66, 68; *loeselii* 57:267; 59:7, 29; 63:49, 54; *longipes* 59:65-66, 68; *microtites* 59:71; *nasturtium-aquaticum* 67:331; 69:373; *officinale* 52:169; 63:49, 54; var. *leiocarpum* 63:50, 54, 288; 72:518; *orientale* 63:50, 55; *pauciflorum* 68:513; *polyspermum* 62:14; *purpusii* 62:59-60; *retrofractum* 59:66, 67 (fig. 2), 68; *shinnersii* 62:56, 57 (fig. 1), 58-60; *sophia* 62:20; *standleyi* 58:156; *streptocarpum* 62:13; *tanacetifolium* 63:7; *torulosum* 55:109; *vaseyi* 62:55-56; *vir-*

- gatum 54:163; walteri 63:6-7; watsonii 62:55
- Sisyrinchium* 53:53; 64:291; 72:287; *albidum* 51:8; 53:84; 61:32; 71:32; *angustifolium* 53:82, 85, 268; 55:139; 59:159-160; 68:459; 71:24; *arenicola* 53:82, 87; 60:319-320; 68:459; *atlanticum* 53:82, 86-87; 57:285; 60:67; 68:459; 73:498; *avenaceum* 72:287; *bermudiana* 59:159; 61:32; *bromelioides* 64:311; *campestre* f. *albiflorum* 52:56; *deflexum* 64:312; *exile* 66:12; 75:415; *farwellii* 68:459; *fibrosum* 73:498; *graminoides* 53:268; 59:159-160; *iridioides* 59:159; *macrocephalum* 64:311; *marchio* 72:287; *micranthum* 66:12; 75:415; *montanum* 53:7; 61:31-32; 64:345; 71:520; var. *crebrum* 53:82, 84; 55:139; 59:160; 60:67; 65:90; 72:514; 75:316; *mucronatum* 53:82-88; 59:159; *papillosum* 72:287; *pruinatum* 63:147; *reitzii* 64:312; *varians* 63:147; *wettsteinii* 64:311; 72:287
- Sitanion* 69:122; *hystrix* 51:19-20
- Sium* *cicutaeifolium* 55:178; 69:453; *cicutifolium* 69:453; *suave* 53:5, 10; 55:178; 73:259; 75:57; f. *carsoni* 73:259; f. *fasciculatum* 73:259
- Sloanea amygdalina* 67:339
- Smelowskia* 54:85; *americana* 54:99; *borealis* 54:87-89, 91, 93-94, 96, 110-111, 118, (pl. 1186); var. *borealis* 54:91, 93 (fig. 2, map), 110-112, 115-118, (pl. 1186); var. *jordalii* 54:91, 93 (fig. 2, map), 112, 115-118, (pl. 1186); var. *koliana* 54:91, 93 (fig. 2, map), 110-111, 114-117, (pl. 1186); 55:247, 250; var. *villosa* 54:88, 89 (fig. 1), 90-91, 93 (fig. 2, map), 95, 112, 114-116, (pl. 1186); 55:250; *calycina* 54:85-88, 90-91, 93, 96-98, 101, 110, (pl. 1185); 65:211; *prol. americana* 54:99; f. *integrifolia* 54:102; subsp. *integrifolia* 54:86, 95, 102; 65:217; var. *americana* 54:88, 89 (fig. 1), 90-92, 93 (fig. 2, map), 94-95, 98-99, 101, 110, (pl. 1185); var. *calycina* 54:90, 98, 101, (pl. 1185); var. *glabrata* 54:90; var. *integrifolia* 54:85, 91, 93 (fig. 2, map), 94, 98, 101-102, 105, 110, (pl. 1185); var. *media* 54:91, 93 (fig. 2, map), 94, 98, 100-101, (pl. 1185); var. *pectinata* 54:90; var. *porsildii* 54:91, 93 (fig. 2, map), 94, 98, 105, 109 (fig. 3); *holmgrenii* 54:85, 93 (fig. 2, map), 94, 96, (pl. 1185); *lineariloba* 54:99; f. *virescens* 54:99; *lobata* 54:99; *ovalis* 54:85-88, 93 (fig. 2, map), 94-96, 107, 110, (pl. 1185); var. *congesta* 54:93 (fig. 2, map), 107; var. *ovalis* 54:86-88, 93 (fig. 2, map), 94, 96, 108, 109 (fig. 3), 110, 115
- Smilacaceae 64:148-149; 67:324
- Smilacina racemosa* 53:12, 81, 85; 55:48, 138, 173; 57:131; 63:295; 66:312; 67:375, 377, 386; 72:339, 514; 73:206; var. *cylindrata* 53:81, 86-87, 131; var. *racemosa* 55:225; *stellata* 53:81, 85-86; 63:308-309; 65:90; 71:520; 72:330; var. *crassa* 53:81; 54:226; 65:90; 71:23; 75:316; *trifolia* 53:81, 85; 55:138; 56:273; 58:247; 65:90; 70:206; 72:514; 75:316
- Smilax* 52:45; 70:55-57, 62, 72-73, 77-78, 247; 72:289-293, 295, 297, 301, 303, 306, 311; sect. *China* 70:57, 247; sect. *Coilanthus* 70:57, 247; sect. *Coprosmanthus* 70:55-58, 60-61, 63, 72-73, 77-78, 247; sect. *Eusmilax* 70:57; sect. *Macranthae* 70:57, 247; sect. *Nemexia* 70:57, 247; sect. *Pleiosmilax* 70:56-57, 247; sect. *Smilax* 70:57, 247; 72:289; subgen. *Nemexia* 70:247; *acirrha* 70:265; *auriculata* 53:110; 57:284; 70:225; 72:289-290, 294 (figs. 1, 4), 295, 297, 299, 304-305, 307, 309-311; *balbisiana* 70:271; *beyrichii* 72:290; *biltmoreana* 70:58-59, 61 (figs. 6, 14), 65-66, 70, 73-74, 76 (fig. 23, map), 77, 79 (fig. 24), 84, 248, 254, 266, 268-270; \times *hugeri* 70:61 (figs. 8, 16); *blancoi* 70:271; *bona-nox* 53:110; 64:149, 155 (fig. 7); 70:225; 72:289-290, 294 (fig. 3), 295, 297, 298 (fig. 18), 299-300, 304-312; var. *hederaefolia* 53:81, 87; 69:453; var. *hederifolia* 69:453; var. *littoralis* 72:306; *china* 70:57; *cordifolia* 70:271; *diversifolia* 70:58, 253; *domingensis* 67:324; 75:414; *ecirrhata* 55:156; 57:131; 68:459; 70:58-59, 65, 68-69, 70 (fig. 20), 71-72, 74-75, 76 (fig. 23, map), 77-78, 79 (fig. 24), 80 (fig. 25), 81, 247-248, 263-266, 268, 270; var. *biltmoreana* 70:270; var. *hugeri* 70:268; *glauca* 64:149; 72:2, 289-290, 294 (fig. 2), 295, 296 (fig. 12), 297, 298 (fig. 16), 299, 303-305, 307-308, 310-312; 73:498, 503, 505, 508-509, 511, 513; var. *leurophylla* 53:81, 87; 60:295; *havanensis* 75:414; *herbacea* 53:81, 85; 63:20; 70:56-57, 59-60, 61 (figs. 2, 10), 62-63, 67-69, 70 (fig. 20), 71-73, 74 (fig. 21, map), 77-78, 79 (fig. 24), 248-250, 254, 257-258, 261, 265, 271; subsp. *crispifolia* 70:249;

- var. *crispifolia* 70:58; var. *ecirrhatta* 70:58, 265; var. *inodora* 70:253; var. *lasioneuron* 70:253; var. *peduncularis* 70:249; var. *pulverulenta* 70:257; var. *simsii* 70:249; *hispida* 53:109-111; 70:77, 271; 72:290; var. *australis* 53:110-111; var. *hispida* 53:111; *hugeri* 70:58-59, 61 (figs. 5, 13), 64-66, 70 (fig. 20), 71, 74, 75 (fig. 22, map), 77-78, 79 (fig. 24), 81, 248, 254, 266-268, 270; \times *biltmoreana* 70:66 (pl. 1372); *illinoensis* 70:61 (figs. 3, 11), 62, 64, 68, 70 (fig. 20), 71-72, 75 (fig. 22, map), 77, 79 (fig. 24), 80 (fig. 25), 81, 248, 263; *inermis* 70:260; *lanceolata* 53:110; 67:324; 70:260; 72:290; *lasioneuron* 70:57-59, 61 (figs. 1, 9), 65, 68, 70 (fig. 20), 71, 73, 74 (fig. 21, map), 75, 77, 79 (fig. 24), 248, 250, 253-254, 257-258, 263; *laurifolia* 66:379; 71:32; 72:289, 297, 298 (figs. 13-14, 17), 299-300, 303-307, 309-311; *leptanthera* 70:58, 260; *macrophylla* 70:72; *moranensis* 70:271; *peduncularis* 70:56, 249; *pseudo-china* 53:110; 70:57, 59, 61 (figs. 7, 15), 62, 64, 67, 70 (fig. 20), 71, 73, 74 (fig. 21, map), 77, 79 (fig. 24), 248, 250, 260-262, 271; 72:290; *pulverulenta* 53:81; 70:56-57, 59, 61 (figs. 4, 12), 62 (fig. 17), 64, 70 (fig. 20), 71, 74, 75 (fig. 22, map), 77-78, 79 (fig. 24), 248, 250, 257-258; *pumila* 72:289, 311; *riparia* 70:78; *rotundifolia* 51:304; 53:81, 86; 71:24, 32; 72:2, 289, 294 (fig. 5), 295, 297, 299, 304, 308-312; 73:503, 505, 508, 510; *salicifolia* 70:271; *smallii* 71:32; 72:289-290, 294 (fig. 6), 295, 296 (fig. 7), 297, 299-300, 304, 307, 309-311; *tamnifolia* 70:57, 260-261; *tamnoides* 53:109-111; 72:289-290, 297, 299-300, 303-306, 308-312; var. *hispida* 53:81; 72:289, 296, 297 (figs. 8, 10), 298 (fig. 15), 299, 303, 307-309; var. *tamnoides* 72:289, 296 (fig. 11), 297, 299, 307-309; *telferiana* 70:271; *tenuis* 70:58, 253; *walteri* 72:289, 296 (fig. 9), 297, 299, 304-307, 309, 311-312; *zeylanica* 70:271
- Solanaceae** 52:297; 55:189; 63:211; 64:153; 65:20; 67:351; 69:395, 440; 71:551, 561; 75:146, 325, 421; trib. *Solaneae* 75:331-333; subtrib. *Solanineae* 69:84; subtrib. *Lyciinae* 69:84
- Solandra grandiflora* 67:351
- Solanum** 69:82, 441; *americanum* 60:68-69; 72:393; *antillarum* 67:351; *asperum* 71:551; *campechiense* 67:351; *caribaeum* 67:351; 69:376; *carolinense* 60:68-69; *chamaesarachidium* 75:364; *ciliatum* 67:351; *coniodes* 75:359; *coronopus* 75:339; *dulcamara* 60:58, 66; 63:45; 71:522; 72:524; *elaegnifolium* 67:351; 69:393, 441; 75:421; f. *albiflorum* 52:172; *erianthum* 67:351; 69:441; *ficifolium* 67:351; 69:441; *gracile* 52:268; 57:288, (pl. 1221); *guanicense* 67:351; *interius* 63:44; *lanceifolium* 69:441; *melongena* 69:441; *nigrum* 69:376, 441; 71:522; 72:524; *nodiflorum* 69:376, 441; *paniculatum* 71:511; *persicaefolium* 69:441; *platyphyllum* 65:20-21; *polygamum* 69:441; *pterocaulon* 67:351; *quitoense* 69:376; *rostratum* 53:225; 60:66; 64:354; 72:524; *rufum* 71:551; *sarchoides* 59:19; 71:172; 74:386; sp. 71:551; *torreyi* f. *album* 51:27; *torvum* 67:351; 69:441; *triflorum* 52:297; *tuberosum* 51:8; 59:30; 63:274; 69:441; *verbascifolium* 67:351; 69:441; *villosum* 59:20; *woodburyi* 69:376
- Solenostoma** *appalachianum* 60:245 (fig. 18, map), 246; *hyalinum* 59:253; *monticola* 60:246; *obscurum* 59:252-253, 256; *sphaerocarpum* 60:253
- Solidago** 51:83, 97; 55:45; 62:44; 69:450; 70:221, 304; 71:514; 72:565; *altissima* 55:322; *arguta* var. *neurolepis* 62:131; var. *strigosa* 62:131; *bicolor* 57:302; 72:526; *boottii* 63:20; 73:497; *brachyphylla* 73:497; *buckleyi* 57:319; 60:292; 63:20; *caesia* 52:288; 60:68; 72:350; *canadensis* 53:11, 15; 55:195; 60:62, 64, 68; 65:95; 66:404-405; 72:526; var. *canadensis* 66:404, 405 (fig. 1); *chilensis* 70:230 (fig. 13), 232, 238; *chrysolepis* 51:94; *cutleri* 74:367; *dumetorum* 55:322; *elliottii* 75:405; *erecta* 52:288; *flexicaulis* 53:5; 70:179; 74:107; \times *macrophylla* 55:19; *gigantea* 53:15; 55:322; var. *gigantea* 55:322; var. *leiophylla* 55:196, 322; var. *pitcheri* 55:322; var. *salubrosa* 55:322; *graminifolia* 55:196; 73:261, 460; var. *nuttallii* 65:95; 72:526; 75:321; *gymnospermoides* 70:287; *hispida* 53:270; var. *arnoglossa* 55:196; var. *lanata* 53:13; var. *typica* 55:195; *houghtonii* 60:214; *humilis* 51:93-94, (pl. 1146); *juncea* 55:195; 60:68; 70:304, 305 (fig. 1); 72:526; *lepida* 53:15; var. *elongata* 55:322; var. *fallax* 53:15; 55:196; *macrophylla* 53:268; 56:243; 65:94; 75:321; var. *thyrsoides* 65:312;

- media* 70:287; *microcephala* 66:379; *microglossa* 69:450; *multiradiata* 54:228; 65:221; 67:92-93, 381; 68:412 (fig. 5, map), 416; 70:184; 74:107; var. *scopulorum* 74:107; *neglecta* 51:93; *nemoralis* 51:101; 55:195; 60:68; 72:526; *neurolepis* 62:131; *odora* 61:24; 66:404; 71:34; 73:497; 75:160; *ohionis* 57:114; *patula* 51:119; 54:254; 60:206, 295; *pauciflosculosa* 60:290; 70:290; *petiolata* 71:34; *pitcheri* 55:322; *pruinosa* 55:322; *puberula* 51:111; 71:301; 72:526; *purshii* 51:93-94, (pl. 1146); *racemosa* 51:94; *randii* 71:166; *rigida* 54:180; *rugosa* 53:19; 60:62, 64, 68; 63:20; 67:373; 72:79; var. *aspera* 54:131; var. *celtidifolia* 54:131; 60:206; var. *villosa* 65:95; 71:523; 72:526; 75:321; *rupestris* 66:404, 405 (fig. 1); *satanica* 55:322; *sciaphila* 54:180; *sempervirens* 52:297; 54:210; 63:289; 65:94; 67:89; 70:443-444; 71:19, 28, 523; 72:526; 73:47; 74:108, 478; 75:53-54, 56, 321, 423; f. *citrea* 60:261; var. *mexicana* 54:210; 57:281, 289; 63:177; 74:108; 75:423; var. *sempervirens* 74:108; *squarrosa* 71:166; *stricta* 66:379; *strigosa* 62:131, 241; 63:20; *tenuifolia* 71:28; 73:261; *tortifolia* 73:497; *uliginosa* 51:93-94; 54:180; 55:44, 195; 63:21; 75:405; var. *linoides* 61:26; 72:526; var. *terrae-novae* 54:222; 65:95; 72:526; *ulmifolia* 51:112; var. *palmeri* 57:36; var. *ulmifolia* 57:36; *uniligulata* 51:93; *velutina* 64:264; *wrightii* 64:264
- Solieriaceae* 72:214; 75:274
Soliva sessilis 60:29
Sonchus 69:450; 70:40; *arvensis* 55:201; 58:247; 65:95; 72:528; var. *arvensis* 55:225; *asper* 58:247; 64:346; 65:95; 71:28, 523; 72:528; 75:322; *ludovicianus* 70:431; *oleraceus* 57:289; 63:177, 343-344; 66:15; 69:450; 71:523; 72:528; *pulchellus* 70:40; *uliginosus* 60:54; 72:50
Sonerila 69:165
Sophora 69:414; 70:498-499, 521-523, 527, 530; sect. *Eusophora* 70:521-522; sect. *Pseudosophora* 70:521-522; *affinis* 70:530; *alopecuroides* 70:521-522; *arenicola* 70:526; *arizonica* 70:530; *conzattii* 70:523, 524 (fig. 3, map), 527; *formosa* 70:530; *havanensis* 70:526; *japonica* 70:521, 530; *littoralis* 70:526; *nuttalliana* 70:29, 523, 524 (fig. 3, map); *occidentalis* 70:526; *purpusii* 70:523, 524 (fig. 3, map), 525; *secundiflora* 70:523, 524 (fig. 3, map); f. *xanthosperma* 70:528; *sempervirens* 70:528; *sericea* 58:281, 289; 70:521, 523; *speciosa* 70:528; *tomentosa* 57:279, 286; 69:414; 70:521-523, 524 (fig. 3, map), 526; β *truncata* 70:526; β var. *littoralis* 70:526
Sophranthe pilosa 66:380
Sorapion kjellmani 74:420, 427
Sorastrum americanum 63:277; 64:56; var. *undulatum* 63:277; *spinulosum* 63:277; 71:458
Sorbaria sorbifolia 69:315, 318; 71:306
Sorbus americana 51:111; 52:275-276; 55:165, 358-360; 59:257; 66:61; var. *decora* 55:360; *arbutifolia* 71:32; *aucuparia* 55:359; var. α 55:359-360; var. β 55:358-360; *decora* 55:165, 358-360; 66:61; *micrantha* 55:358, 360; *microcarpa* 55:359-360; *scopulina* 52:276; 55:360; *subvestita* 55:165
Sordaria fimicola 73:308
Sordariaceae 68:186
Sorghastrum 68:106, 352; *elliottii* 51:127; 56:38; *minarum* 68:352; *nutans* 51:20; *parviflorum* 67:318; 68:352-353; *secundum* 56:38; *setosum* 67:318; *stipoides* 68:352-353
Sorghum 68:106, 352; *bicolor* 68:446; *brevicallosum* 58:136; *coriaceum* 73:47; *dimidiatum* 58:136; *halepense* 56:180; 57:284; 59:234; 67:318; 68:352; 75:413; *intrans* 58:136, (pl. 1226); *matarankense* 58:136; *nitidum* 58:136; *purpureo-sericeum* 58:136; *saccharatum* 67:318; *stipoidum* 58:136; *versicolor* 58:136; *vulgare* 56:180; 58:140; 68:352, 446; var. *drummondi* 59:124; var. *technicum* 56:180; 59:28
Sorocarpus micromorus 71:154
Sparganiaceae 55:116; 68:436; 75:314
Sparganium 53:41; *americanum* 55:116; 72:509; 73:254; 75:314; *androcladum* 71:167; *angustifolium* 55:48, 116, 223; 72:509; 73:254; *chlorocarpum* 53:19; 55:116; 63:40; f. *acaule* 68:436; var. *acaule* 53:14; 55:116; 72:509; var. *chlorocarpum* 72:509; *fluctuans* 55:116; 56:244; *hyperboreum* 54:223; 55:17; 71:504; *minimum* 53:14, 156; 54:223; 55:116; 56:245; 57:303; 72:509; *multi-pedunculatum* 56:244; 63:40; *simplex* var. *acaule* 68:436
Sparganophorus verticillatus 56:256
Spartina 57: (pl. 1215); 75:53, 60-61, 80, 82, 258-259, 262, 266, 270; alter-

- niflora 53:20; 71:23; 72:511; 74:411, 413-414, 417-418; 75:53-54, 56, 61, 315; var. *glabra* 70:442, 444-445; 73:263; 74:476, 482, 483 (fig. 1); *bakeri* 57:278, 284; \times *caespitosa* 65:76; 72:511; *cynosuroides* 52:255; 70:225; *michauxiana* var. *suttiei* 68:446; *patens* 57:281, 284; 70:275-276, 442-445, 448; 71:20, 22-24, 27; 72:511; 73:263, 268, 276; 74:411, 476, 483 (fig. 1), 484; 75:53-54, 56, 61; *pectinata* 53:5, 19; 59:124; 67:374; 70:442; 72:511; 73:263; var. *suttiei* 68:446; *spartinae* 75:370; *townsendii* 57:105
- Spathanthem orbignyagnum* 65:68-69, 72
- Spathelia bahamensis* 75:417; *vernica* 75:417
- Spathicarpa sagittifolia* 62:256
- Spathiger ramosus* 67:326; *rigidus* 67:326
- Spathiphyllum cannaefolium* 62:252, 256; *floribundum* 62:252, 256
- Spathodea* 69:442; *campanulata* 69:442
- Specularia biflora* 53:111; *lamprosperma* 57:317; \times *leptocarpa* 57:317; *leptocarpa* 53:225; 57:317; *perfoliata* 70:452; f. *alba* 62:131
- Spergula arvensis* 53:157; 62:109, 115; 72:517; var. *sativa* 62:109; *morisonii* 68:520; *pentandra* 60:15; 68:520
- Spergularia canadensis* 62:109, 115; 71:521; 72:517; 75:317; *marina* 62:109, 115; 63:288; 70:443-444; 71:25; 75:57, 317; var. *leiosperma* 62:109, 115; 64:345; 65:91; 71:521; 72:517; *rubra* 62:109, 115; 72:517; 75:317
- Spermacoce* 69:446; 72:36; *aspera* 73:48; 75:422; *confusa* 67:354; 69:446; *floridana* 72:36; *glabra* 51:21; *keyensis* 72:35; *lanceolata* 61:171; *portoricensis* 72:34; *riparia* 67:354; *tenuior* 67:354; 69:446; 72:36; var. *floridana* 72:36; var. *tenuior* 72:36; *tetraquetra* 72:36-37
- Spermatocnaceae* 75:269
- Spermatophyta* 51:109
- Spermolepis divaricata* 59:40; *echinata* 59:40; *inermis* 75:395; *patens* 75:395
- Spermothamnion* 75:540; *repens* 72:224, 231, 239, 325, 335; *turneri* 72:224
- Sphacelaria* 75:87; *cirrosa* 71:123; 72:117, 322, 338; *fusca* 71:528; 75:268; *plumosa* 71:124; 74:420, 427; *racemosa* var. *arctica* 71:123; *radicans* 74:420, 428
- Sphacelariaceae* 71:123; 75:268
- Sphacelariales* 71:123, 528
- Sphaeralcea* 69:13-16, 21; *ambigua* 54:84; *angusta* 53:132; 69:9, 13, 23; *coccinea* 57:293; 58:287; 70:41; *fendleri* 74:83
- Sphaerella eucarpa* 68:189; *lacustris* 58:122; *leightonii* 68:188
- Sphaerellopsis fluviatilis* 67:252
- Sphaeria atrofusca* 65:303-304; *cerea* 65:307; *nigerrima* 71:193; *phaeostromoides* 68:190; *subcorticalis* 71:198
- Sphaeriaceae* 71:200
- Sphaerocarpus terrestris* 59:258; *texasanus* 59:258
- Sphaeroceptis schroeteri* 64:56
- Sphaerocystis schroeteri* 71:458
- Sphaerognomonia carpinea* 62:196
- Sphaerophoropsis* 56:113, 148; *stereocauloides* 56:111, 148, 149 (fig. 12), 151-152
- Sphaeropteris atahualpa* 74:442-443, 444 (figs. 5-8); *brunei* 73:2 (figs. 9-14), 3-4, 6 (map B), 7, 9, 11, 13-15; *concinna* 73:1; *cuatrecasasii* 73:3, 5 (figs. 15-17), 6-7, 9, 13-15; *gardneri* 73:3-4, 5 (figs. 23-24), 6 (map C), 7, 9, 17; *horrida* 73:1, 2 (figs. 5-8), 3-4, 6 (map B), 7-8, 11-12; 74:443; *insignis* 73:2 (figs. 1-4), 3-4, 6 (map B), 7-10, 12; *marginalis* 74:442; *medullaris* 73:1; *quindiensis* 73:4, 5 (figs. 18-22), 6 (map C), 7, 9, 15-16; *sipapoensis* 74:441-442, 444 (figs. 1-4)
- Sphaerotrichia* 75:559; *divaricata* 71:125; 74:267
- Sphaerosozma* 64:58; *excavatum* 63:279; *filiforme* 63:279; *granulatum* 63:279
- Sphagnaceae* 53:122; 62:147, 150
- Sphagnum* 55:44, 247; 70:193, 195-198, 206-208; 72:280-281; 75:499; *ångströmii* 58:52, 59; *balticum* 58:59, 63-64; *capillaceum* 53:122; 62:150; 64:18, 19 (pl. 1265); var. *tenellum* 58:249; 62:150; var. *tenerum* 74:524; *centrale* 58:249; 70:207; *compactum* 53:119, 122, 127; 58:249; 62:150; *cuspidatum* 53:122; 58:249; 62:150; var. *torreyi* 62:150; *cyclophyllum* 53:119, 122; 62:150; *dusenii* 58:59, 63; 64:125; *erythrocalyx* 53:119, 122; *fimbriatum* 58:52, 249; 62:150; *flavicomans* 62:150; *fuscum* 58:59, 63, 249, 323; 59:26; 62:150; 67:372; *girgensohnii* 58:249; 62:150; *imbricatum* 53:122; 58:249; 62:150; var. *affine* 53:122; 62:150; *lindbergii* 58:59, 64, 249; 67:380; *macrophyllum* 53:119, 122; 62:150;

- 67:377, 385; magellanicum 53:122; 58:249; 62:150; molle 67:376, 385; palustre 53:122; 62:151; 71:20-21; papillosum 53:119; 58:59, 63, 249; 62:151; plumulosum 58:52; 62:151; portoricense 53:119; pulchrum 58:59; pylaesii 53:119; 67:376; recurvum 53:122; 58:52, 59, 249; 62:151; 70:206; var. tenue 62:151; riparium 58:52, 59, 249; robustum 58:52; 59:26; 62:151; rubellum 67:372; spp. 70:206-207; squarrosus 53:119; 58:249; 62:151; strictum 53:127; 67:376; subsecundum 53:122; 59:253; 62:151; tabulare 53:119, 122; tenellum 58:249; 62:151; tenerum 62:151; teres 58:52, 59; 62:151; 70:207; warnstorffianum 58:322-323; 59:26; 62:151; 70:207; warnstorffii 58:249; 62:151
- Sphenoclea* 64:147; zeylanica 51:141; 60:24; 64:156
- Sphenopholis filiformis* 51:127; 56:158; intermedia 53:11; 55:289; 57:304; 70:187; nitida 65:78; pallens 55:289
- Sphinctospermum* 51:204-208; constrictum 51:204-205, 208, 381, (pl. 1152)
- Spigelia marilandica* 57:319
- Spilanthus acmella* 72:95, 98; americana 64:256, 261 (fig. 21), 267; 72:95; var. stolonifera 64:267; decumbens 64:256; guatemalensis 74:177
- Spiloma melanopa* 61:100
- Spinacea glabra* 60:301, 305; oleracea 60:301, 305
- Spiraea* 53:203-205; alba 52:57; 53:204-205; 55:47, 165; 69:315, 317; f. rosea 52:57; billiardii 53:205; corymbosa 53:204-205; japonica 53:204-205; 69:315, 318; cv. Anthony Waterer 72:519; latifolia 53:205; 65:92; 60:67; 69:315; 72:519; 75:318; var. septentrionalis 53:204-205; 69:315; myrtilloides 53:205; prunifolia 57:314; 69:315, 318; tomentosa 53:280, 282-283, 286 (map 1), 287 (map 2), 290-291; 66:61-62; 69:315; 71:26; 72:519; f. albiflora 53:204-205, 280; var. alba 53:205; var. rosea 53:280-281, 286-287, 290-291; var. tomentosa 53:280-281, 286-287, 289-291; f. albiflora 53:290; ulmaria 72:546; virginiana 53:205
- Spiranthes* 53:72; adnata 67:325; amabilis 67:325; cernua 53:83, 85; 60:67; 70:197-198; 73:301; var. cernua 72:515; var. ochroleuca 53:83; 72:515; cranichoides 67:325; elata 67:325; fawcettii 67:325; gracilis 53:83, 86-87; 55:46, 140; 62:94; 68:462-463; 72:514; 73:301; grayi 72:11; 73:498; lacera 53:83, 86; 68:462-463; 73:300; ×romanzoffiana 53:83; lucayana 67:325; lucida 53:83, 88-89; 62:94; 73:300; 75:158, 160; orchioides 67:325; ovalis 59:127; 70:485; praecox 51:110; 71:32; romanzoffiana 53:83, 86; 55:80, 140; 70:206, 212; 72:515; 75:316; speciosa 67:325; tortilis 67:325; tuberosa 72:141; var. grayi 53:83, 87; vernalis 51:110; 53:83-87; 66:379; 71:32; 73:301
- Spirodela oligorrhiza* 64:83-85; polyrrhiza 51:110; 52:259; 53:80, 85; 64:85; 70:171; 72:10
- Spirogyra catenaeformis* 58:122; cleveana 64:56; communis 58:123; condensata 58:123; crassa 58:123; denticulata 73:67; dubia 58:123; ellipsospora 64:56; fluviatilis 58:123; gracilis 58:123; grevilleana 58:117, 123; hantzschii 58:123; hyalina 63:278; hydrodictya 64:56; inflata 58:123; jugalis 64:56; jurgensii 58:123; longata 58:123; majuscula 58:123; maxima 58:123; mirabilis 64:56; neglecta 58:123; nitida 64:56; orthospira 58:123; rivularis 63:278; sp. 63:278; 75:261; spp. 71:460; submaxima 64:56; weberi 58:123
- Spirotaenia condensata* 63:278; 64:56
- Spirulina duplex* 64:56; laxa 63:280; 71:450; major 67:252-253; 73:267; 75:290; sp. 63:280; 75:291; subsalsa 71:117; 73:267; 75:291; f. oceanica 75:291; tenerrima 75:291
- Splachnum ampullaceum* 62:156; wormskjoldii 54:277
- Spondias* 69:421; mombin 69:421; purpurea 69:421; 75:418; sp. 69:421
- Spondylosium papillosum* 63:279; planum 63:279; 71:460; pulchellum 63:279; 64:56; pulchrum 63:279
- Spongilla* 51:4
- Spongomorpha* 72:324; arcta 66:233; 71:121, 134; 72:116, 318, 332; 74:266, 297, 415; 75:58, 60, 62; hystrix 71:121; 72:319, 332; lanosa 71:121; 72:116; spinescens 66:220, 233; 71:121; 72:116, 319, 332; 74:266, 415
- Spongonema tomentosum* 72:322, 338; 74:421
- Sporidesmium asperum* 61:96; aurantiacum 61:87; bakeri 61:98; var. bakeri 61:96-97; var. maydicum 61:96-97; var. sacchari 61:104; bogoriense 61:96; chartarum 61:96-97; compositum 61:98; curvatum 61:98; ellipticum 61:99; epicoccoides 61:

- 87; exasperatum 61:99; fumagineum 61:103; funereum 61:99; fusus 61:99; globiferum 61:99; heteromerum 61:99; lepraria 61:95; var. nigerrima 61:95; lepratia 61:95; melanopum 61:100-101; nitens 61:101; nodosum 61:102; paradoxum 61:101-102; phaeosporum 61:96; polymorphum 61:103; pulchellum 61:103; quadratum 61:103; sacchari 61:104; scutellare 71:87; subsp. tumulosum 61:105; striatum 61:104; stygium 61:104; subcuticulare 61:105; suffultum 61:105; trichophilum 61:105; trigonellum 61:105; ulmicolum 61:105; viticolum 61:106
- Sporobolus* 68:99, 267; aeneus 68:267-268; airoides 52:19; 63:41; 74:390; argutus 67:319; 68:267; asper 56:29; 59:234; 63:25, 136; var. asper 56:29-30; var. canovirens 56:29-30; 63:25; var. clandestinus 56:30; var. hookeri 56:29-30; var. macer 56:29; var. pilosus 54:125; 56:29; berteronanus 67:319; 68:268; brevifolius 63:137; canovirens 56:30; 63:25; clandestinus 51:125, 127; 63:25, 137; var. canovirens 63:25; var. clandestinus 63:25; confusus 63:341, 344; cryptandrus 51:19; 52:125; 67:180; 68:518; 72:7; subsp. fuscicolor 52:126; subsp. typicus var. occidentalis 52:125; var. typicus 52:125; dominicensis 57:278, 284; 67:319; eximius 68:269; giganteus 52:166; indicus 68:267-268; junceus 57:284; 71:31; macer 56:29; muralis 67:319; neglectus 52:53; 56:29; 63:25, 331; 68:448; 71:168; var. neglectus 63:25; var. ozarkanus 63:25; ozarkanus 56:29; poiiretii 52:22; 67:319; 68:267-268; pyramidatus 56:179; 67:319; tenuissimus 67:319; 68:267; teretifolius 66:378; texanus 52:19; 70:450-451; vaginiflorus 51:109; 52:53; 63:25, 137; 68:448; 75:135; var. inaequalis 56:29; 57:267; 63:331; var. neglectus 56:29; 68:447; var. ozarkanus 56:29; 63:25; var. vaginiflorus 56:28; virginicus 57:278, 281-282, 284; 63:137; 67:313; 68:448
- Sporocybe sphaerophila* 64:134
- Sporotrichium* sp. 73:308
- Spyridia filamentosa* 71:528; 75:278
- Squamariaceae* 71:134; 72:208; 74:269
- Stachys* arvensis 56:250; 69:376; borealis 51:168; floridana 64:231; 75:401; foeniculum 70:38; hispida 75:401; palustris 53:22; 55:188; 74:393; scopulorum 74:393; sieboldii 60:23; tenuifolia 64:153, 157 (fig. 38)
- Stachytarpheta* 69:439; cayennensis 67:350; var. albiflora 67:350; ×hybrida 67:350; jamaicensis 67:350; 69:439; 72:393; strigosa 67:350; urticaefolia 67:350
- Stanleya amplexifolia* 66:18, 20-23; pinnata 58:149
- Stanleyella wrightii* 59:64
- Staphylea trifolia* 55:156; 57:131; 65:304
- Staphyleaceae* 69:422
- Statice brasiliensis* var. angustatum 72:25
- Stauraspermum* 64:58
- Staurostrum* 63:279; alternans 63:279; 64:56; anatinum var. longibrachiatum 71:460; ankyroides 71:460; arctiscon 71:460; var. glabrum 63:279; aspinosum 63:279; avicula 64:56; var. subarcuatum 69:57; bienianum var. ellipticum 63:279; 69:57; brebissonii 63:279; brevispinum 63:279; var. tumidum 64:56; cerastes 64:56; cingulum 71:460; controversum 69:57; crenulatum 63:279; 64:56; cryptoserum 69:57; cuspidatum 71:461; var. canadense 71:461; dejectum 63:279; 69:57; dickiei 63:279; 69:57; 71:461; var. maximum 64:56; dilatatum 63:279; 64:56; furcatum var. pisciforme 69:57; furcigerum 64:56; gracile 63:279; 64:56; 69:57; grande 64:56; granulosum 63:279; habeebense 58:117; johnsonii 71:460; var. depauperatum 69:57; leptocladum 63:279; var. denticulatum 64:56; var. divergens 63:279; limneticum var. cornutum 71:458, 459 (figs. 26-27), 460; manfeldtii 71:458, 459 (fig. 29), 460; margaritaceum 63:279; megacanthum 63:279; 71:462; odontatum 63:279; 64:56; orbiculare 64:56; paradoxum 63:279; 64:56; 69:57; pentacerum 69:57; 71:458, 459 (figs. 24-25), 460; pilosum 63:279; 71:461; pingue 71:458, 459 (fig. 30), 461; polymorphum 69:57; pseudopelagicum 71:458, 459 (fig. 28), 461; setigerum 69:57; sp. 75:261; subgrande var. minus 64:57; tetra-cerum 63:279; vestitum 71:461
- Staurodesmus* bulnheimii 71:461; cuspidatus 71:461; dickiei 71:461; extensus var. joshuae 71:461; incus var. ralfsii 71:461; mamillatus var. maximum 71:461; megacanthus 71:462; subtriangularis 71:462

- Stauroneis acuta* 64:57; *inflata* 63:280; sp. 63:280
Stegnosperma cubense 67:329
Steironema gramineum 75:397; *quadriflorum* 75:398
Steirosanchezia 66:313; *scandens* 66:337
Stelis ophioglossoides 59:250; *pygmaea* 58:291
Stellaria 51:78; *alsine* 52:250; 62:109, 113; f. *alpina* 52:251; f. *ovalifolia* 52:250; var. *alpina* 52:251; *antillana* 67:330; *aquatica* 74:381; *arenicola* 70:204-205; *borealis* 55:14; *calycantha* 55:14, 54, 79, 148; 62:109, 113; 66:413; 70:210; var. *floribunda* 55:54, 148; 62:109, 113; 72:517; var. *isophylla* 62:109, 113; 65:91; 72:517; 75:317; *ciliatosepala* 71:505; *crassifolia* 53:15; 55:249; *edwardsii* 54:51; *graminea* 51:110; 62:109, 115; 64:345; 65:91; 71:521; 72:517; 75:317; *holostea* 53:268; 55:18; 62:109; *humifusa* 53:268; 54:40-41, 54; 57:303, 307; 62:109, 113; 75:317; *longifolia* 52:56; 55:147; 62:109, 113; 70:210; var. *atrata* 52:56; var. *subaequalis* 52:56; var. *typica* 52:56; *longipes* 54:51; 55:249; 59:292; 65:216; var. *laeta* 53:11; *media* 52:251; 55:11, 147, 225; 60:65; 62:109, 115; 63:288; 64:223, 345; 65:91; 71:521; 72:517; 75:317; *pubera* 51:147-148; 62:109, 116; 73:19; var. *sylvatica* 61:27; 62:109; *uliginosa* 52:57, 250; f. *ovalifolia* 52:250; n. *alpina* 52:251; var. *latifolia* 52:250; *uniflora* 52:71
Stelmanis 62:64; *scabra* 62:73-74
Stemphylium 61:112 (pl. 1240); subgen. *Pseudostemphylium* 61:87; *consortiale* 73:308; *crataegi* 61:103; *paradoxum* 61:101; *phaeosporum* 61:96; *polymorphum* 61:103
Stenandrium carolinae 75:422; *tuberosum* 67:352
Stenochlaena amydrophlebia 67:358; *kunzeana* 67:358; *sorbifolia* 67:358
Stenophyllus barbatus 54:170; *capillaris* 75:378; *coarctatus* 52:257; *curassavicus* 67:321; *portoricensis* 67:321; *vestitus* 67:321
Stenorrhynchus lanceolatus 67:325; *speciosus* 67:325
Stenostomum acutatum 67:353; *coriaceum* 67:353; *lucidum* 67:353; *obtusifolium* 67:353; *portoricense* 67:353; *sintenisii* 67:353
Stephanodiscus sp. 63:280
Stephanomeria pauciflora 51:20; 65:231, 232 (fig. 34), 238; *tenuifolia* 63:45; 65:231, 232 (fig. 35), 238
Stephanotis floribunda 69:436
Stereuliaceae 65:11; 67:340; 69:425
Stereocaulaceae 56:106-108, 113
Stereocauliscum gomphillaceum 56:124
Stereocaulon 56:105-106, 108, 110, 112; subgen. *Enteropodium* 56:113; subgen. *Holostelidium* 56:113; *buchanani* 56:121, 123; *coralloides* 60:81; *dactylophyllum* 60:81; *evolutoides* 60:81; *laseroni* 56:128; *pileatum* 60:81; *piluliferum* 56:124
Sternotherus odoratus 51:232
Stethoma comata 67:352; *pectoralis* 67:352; *verticillaris* 67:352
Stevia 69:46; 70:231; 72:95; *commixta* 70:237; *decussata* 70:237; *organensis* 72:95, 97; sp. 63:123 (fig. 3), 126; *veronicae* 70:230 (fig. 5), 237
Stewartia 71:434, 437; *malachodendron* 51:138; 53:64; 71:437-438; *ovata* 63:206; 67:394, 396 (fig. 6, map); 71:434, 436 (fig. 2), 437-438; *pentagyna* 71:434
Stiburus alopecuroides 58:96
Stichococcus bacillaris 67:251; *marinum* 71:118
Stictocardia 69:437; *tiliaefolia* 67:348; 69:437; 72:32
Stictyosiphon tortilis 71:127
Stigeoclonium aestivale 63:276; *flagelliferum* 64:57; *glomeratum* 63:276; *lubricum* 63:276; *nanum* 64:57; sp. 63:276; *subsecundum* 63:276; *tenue* 63:276
Stigmaphyllon 69:416; *diversifolium* 67:336; 69:374, 393, 416; *ledifolium* 67:336; 69:374, 416; *lingulatum* 67:336; 69:416; *periplocifolium* 67:336; 69:416; spp. 69:416
Stigmatea sylvatica 71:197
Stigmella crataegi 61:103; *manilensis* 61:100; *martagonis* 61:112, (pl. 1240); *nemopanthis* 61:101-102; *palawanensis* 61:100; *sacchari* 61:103; *vernoniae* 61:106
Stigonema mamillosum 58:123; 63:281; *panniforme* 58:123
Stigonemataceae 75:293
Stillingia aquatica 57:286; 60:18; *sylvatica* 57:286; 73:494
Stilophora 75:562; *rhizodes* 75:29
Stipa 51:22; 68:99, 270; *boliviensis* 68:275; *brachyphylla* 68:271, 275; *capilliseta* 68:271, 273; *comata* 59:274, 277; 65:284; *curviseta* 68:271, 275; *dasycarpa* 68:271, 275; *depauperata* 68:271, 274; *florulenta* 68:271, 276; *hans-meyeri* 68:271, 273; *holwayi* 68:271, 276; *ichu* 68:271-272; *illimanica* 68:272, 276; in-

- conspicua* 68:271, 274; *mucronata* 68:271, 273-274; *nardoides* 68:271, 273; *neesiana* 68:271, 274; *neomexicana* 51:22; 56:208; 59:274-277, (pl. 1230); *obtusata* 68:271, 275; *pampagrandensis* 68:271-272; *pflanzii* 68:269; *plumosa* 68:271-272, 276; *polyclada* 68:271, 275-276; *robusta* 59:274; *scribneri* 51:21-22; 56:208; 59:274; *spartea* 55:362; 59:277; 65:284; *speciosa* 68:271-272; *tiraquensis* 68:269; *trollii* 68:272, 276; *viridula* 56:212; 59:273-274; \times *Oryzopsis hymenoides* 59:273
Stipitococcus capense 71:463
 \times *Stiporyzopsis caduca* 59:273
Stipulicida 69:59; *setacea* 59:98; 69:59; 70:290; 73:492; var. *lacerata* 59:98; var. *setacea* 59:98
Stizolobium prurimum 67:335
Stokesia laevis 71:34
Stomoisia juncea 67:352
Stratiotes aloides 70:170
Streptanthus 58:354; 65:45; *carinatus* 65:45-46, 57 (figs. 3-4), 48; *cutleri* 65:45-46, 47 (figs. 1-2), 48; *longifolius* 62:16; *maculatus* 58:355; *micranthus* 62:16; *squamiformis* 58:354; 63:224; 72:503
Streptocalyx 71:36, 269; *fuerstenbergii* 71:269; *poepigii* 71:269
Streptopus amplexifolius 65:184, 310-313, 314 (fig. 1), 315-316; var. *americanus* 53:81, 86; 55:138; 65:90, 186, 311-312; 75:316 [\times *roseus* var. *perspectus*] 65:310-317; var. *denticulatus* 55:138; 65:311-312; var. *oreopolus* 53:81, 88; 65:312; *longipes* 51:168; \times *oreopolus* 65:310-313, 314 (fig. 1), 315-316; *roseus* 51:168; 58:310; 65:187, 310-313, 314 (fig. 1), 315-316; var. *longipes* 55:46, 138; var. *perspectus* 53:81, 85; 63:295; 65:90, 312; 72:514; spp. 71:514
Striaria attenuata 75:269
Striariaceae 71:127; 75:269
Striga asiatica 60:289-290; 68:167; *lutea* 68:167
Strongylocentrotus drobachiensis 71:155; 72:326
Struthiopteris 52:246; *exaltata* 67:358; *lineata* 67:358; *polyodioides* 67:357; *underwoodiana* 67:358
Strychnos 70:335
Stylagrostis leiopoda 68:250
Stylesia ambrosioides 66:208-209; *puberula* 66:208-209
Stylisma 51:38; 72:32; *abdita* 72:32; *aquatica* 51:35, 37-38; *elliptica* 51:37-38; *evolvuloides* 51:40; β *angustifolia* 51:40, 42; *pickeringii* 56:274; *trichosanthes* 51:37
Stylites andicola 63:88; *gemmifera* 63:88
Stylophorum diphyllum 70:432
Stylosanthes 65:245; 69:414; 75:416; sect. *Astyposanthes* 65:245; sect. *Eu-Stylosanthes* 65:245; sect. *Stylosanthes* 65:245-246, 249; sect. *Styposanthes* 65:245-246; *angustifolia* 62:343; 65:249, 255 (fig. 20); *aprica* 62:341; *biflora* 62:340; 65:249, 254 (fig. 18); 73:494, 512, 514; *bojeri* 62:341; *bracteata* 65:246, 250 (fig. 2); *calicicola* 65:246, 250 (fig. 3); 75:416; *capitata* 65:246, 250 (fig. 1); *cayennensis* 65:249, 255 (fig. 22); *erecta* 65:246-247, 251 (fig. 5); *figueroae* 65:257 (fig. 28), 258; *flavicans* 62:341; *fruticosa* 62:341; 65:247, 252 (fig. 10); *guyanensis* 65:249, 254 (fig. 19); subsp. *guyanensis* 62:341; *hamata* 62:343; 65:245-246, 248, 254 (fig. 16); 69:414; 73:50; *hippocampoides* 65:249, 255 (fig. 23); *humilis* 65:245, 257 (fig. 30), 258; *ingrata* 62:341; 65:246, 256 (fig. 25), 258; *leiocarpa* 65:249, 255 (fig. 21); *macrocarpa* 65:247-248, 253 (fig. 13); *macrosoma* 65:256 (fig. 26), 258; *mexicana* 65:246, 251 (fig. 4); *montevideensis* 62:341; 65:257 (fig. 29), 258; *mucronata* 62:341, 343; 65:246-248, 252 (fig. 9); *nervosa* 65:247-248, 253 (fig. 15); *procumbens* 65:245; *racemosa* 70:49; *scabra* 65:247, 251 (fig. 6); *sericeiceps* 65:246, 248-249, 254 (fig. 17); *setosa* 62:341; *suborbiculata* 62:342; 65:246, 256 (fig. 24), 258; *subsericea* 65:248, 253 (fig. 12); *suffruticosa* 62:342-343; 65:246, 248, 253 (fig. 14); *sundaica* 65:245-247, 252 (fig. 11); *sympodialis* 65:247, 249, 252 (fig. 8); *tuberculata* 62:343; 65:247, 251 (fig. 7); 75:416; *viscosa* 62:343; 65:245, 257 (fig. 27), 258
Stylosphaeridium stipitatum 71:462
Styphnolobium 70:521-522; *japonicum* 70:530
Stypocaulaceae 71:124
Styracaceae 52:296; 60:86; 64:147, 152; 71:33
Styrax americana 71:33; *grandifolia* 71:33; *pulverulenta* 66:380
Suaeda 51:23; 52:18; 70:448; *americana* 60:301, 304; 71:521, 560; 75:317; *depressa* 62:94; 70:451; *fruticosa* 67:329; *linearis* 57:285; 60:301, 304; 70:443-444, 448; 71:560; 72:516; *maritima* 60:301, 304; 70:

- 443, 448; 71:24; 72:516; 75:317;
 novaezelandiae 70:448; richii 60:
 301, 304; 70:225, 443-444, 448; 71:
 521; sp. 65:91; suffrutescens 51:23;
 52:20
- Subularia* 66:127; *aquatica* 55:48, 54,
 83, 154; 56:40; 60:34; 61:276, 283
 (map 4), 284; 63:50-52; 66:127, 128
 (fig. 1), 130-131, 133; 70:202; 73:
 105, 258; subsp. *americana* 66:127,
 128 (fig. 1, map), 129 (fig. 2), 130-
 133, 134 (pl. 1295); 70:211; subsp.
aquatica 66:127, 128 (fig. 1, map),
 129 (fig. 2), 130-133, 134 (pl. 1295);
 70:211; *monticola* 66:127, 130, 133,
 134 (pl. 1295), 135
- Succisa pratensis* 67:230
- Suckleya suckleyana* 54:126; 74:380
- Suessenguthia* 72:119-120; *cuscoensis*
 72:120 (fig. 1, map), 121-122, 123
 (fig. 2); *leucerythra* 72:119, 120
 (fig. 1, map); *trochilophila* 66:314,
 343; 72:119, 120 (fig. 1, map), 124;
vargasii 72:119, 120 (fig. 1, map),
 121, 123 (fig. 2)
- Suprigo glauca* 72:150
- Suriana* 69:417; *maritima* 57:280-281,
 286, (pl. 1220); 69:417
- Surianaceae* 67:336
- Surirella* 70:292; *elegans* 64:57; sp.
 63:280; *splendida* 64:57
- Surirellaceae* 63:280
- Svida microcarpa* 75:396
- Swartzia* 68:431; *brachystachya* 68:
 429; *grandiflora* 67:351; *multijuga*
 70:514
- Sweetia* 70:499; *fruticosa* 70:499;
panamensis 70:500, 501 (fig. 1,
 map), 527; *carolinensis* 53:132; 54:
 64, 176; 61:27; *coloradensis* 56:212;
difformis 57:7, 9-11, 25; *elliottii* 57:
 10, 26; *lanceolata* 57:10; *quadrangula*
 57:11
- Swietenia* 69:418; *macrophylla* 69:
 418; *mahogani* 65:190; 69:418
- Syagrus campos-portoana* 65:260;
coronata 65:260-261; *getuliana* 65:
 260; *metaforme* 65:260; \times *meta-*
forme 65:260; *ruschiana* 65:261;
tostana 65:261; *vagans* 65:260
- Sycios* 70:50; *angulata* 70:50
- Sycopsis* 70:425
- Sylitra* 51:222
- Symphonia* spp. 70:122
- Symphoricarpos* 75:211; *albus* 55:193;
 var. *albus* 72:525; var. *laevigatus*
 72:526; var. *pauciflorus* 55:193; *oc-*
cidentalis 52:39; 69:458; *orbicu-*
latus 75:135
- Symphopappus* 70:231, 233; *cuneatus*
 70:230 (fig. 9), 231, 237; *poly-*
stachyus 70:230 (fig. 10), 231, 237
- Symphytum asperum* 55:238
- Symploca atlantica* 73:268; 75:291;
dubia 58:123; *funicularis* 73:268;
hydenoides 73:268; *muralis* 58:123
- Symplocaceae* 52:296; 69:434; 71:33
- Symplocarpus foetidus* 52:293; 53:80,
 85; 68:27; 72:513
- Symplocos* 69:434; *martinicensis* 69:
 434; *tinctoria* 52:296; 53:277; 71:
 33
- Syncephalanthia* 64:4, 9-10
- Synechococcus aeruginosa* 67:252
- Synechocystis aquatilis* 64:57; 67:
 252-253; *crassa* 67:252; *sallensis*
 67:252
- Synedra acuta* 63:280; *radians* 63:
 280; *ulna* 63:280; 64:57; 71:468;
 var. *aequalis* 64:57; var. *biceps* 63:
 280; var. *danica* 63:280
- Synedrella* 69:450; 75:171, 181; *nodiflora*
 69:450
- Syngonanthus flavidulus* 66:380; *glandulosus*
 73:159; *gracilis* var. *koernickeanus*
 73:159
- Syngonium erythrophyllum* 62:256;
podophyllum 62:256-257
- Synstima* 53:232
- Syntherisma argillacea* 67:318; *chinensis*
 67:318; *digitata* 67:318; *filiformis*
 60:11; 67:318; *ischaemum* 67:318;
sanguinalis 67:318
- Synthlipsis berlandieri* 57:245; 61:
 254; 74:78-79; var. *hispida* 57:244;
 61:254; 74:78-79; *densiflora* 61:255,
 257, 262, 263 (fig. 3), 264; *elata* 61:
 255, 256 (fig. 1), 257; *greggii* 61:
 254-255, 257-258, 259 (fig. 2), 260-
 261, 264; var. *greggii* 61:258, 260;
 var. *hispidula* 61:258, 261; *heterochroma*
 57:245-246; 61:254; 74:78
- Synthyris borealis* 55:247, 251
- Synura adamsii* 71:464 (fig. 41), 465-
 466; *uvella* 64:57; 71:466; 73:66
- Syringa villosa* 55:186; *vulgaris* 52:
 296; 68:523; 72:524
- Syringodium filiforme* 67:317
- Syrrhopodon texanus* 53:123
- Syzgium* 69:432; *jambos* 69:392-393,
 432
- Tabebuia* 69:443; *heterophylla* 67:
 352; 69:376, 442; *pallida* 67:352;
 69:376, 442; *rufescens* 69:443
- Tabellaria* 71:465; *fenestrata* 63:280;
 64:57; 71:468; var. *asterionelloides*
 63:280; *flocculosa* 63:280; 64:57;
 71:468
- Tabellariaceae* 63:280
- Tabernaemontana coronaria* 67:346;
divaricata 67:346
- Taeiniatherum asperum* 72:378

- Taeniostema* 67:201; 69:184; *micranthum* 67:65, 201, 298, 300
Taenitis desvauxii 63:35
Tagetes lucida 63:129; 65:231, 232 (fig. 32); *patula* 70:48
Tainionema occidentale 62:238
Talinum 69:405, 466-468, 474; 70:402; *appalachianum* 69:467, 469, 474; *calcaricum* 69:466, 469-474; \times *calycinum* 69:473; \times *mengesii* 69:473; *calycinum* 57:319; 60:292; 63:21; 69:467-469, 473; *mengesii* 69:467-474; 70:399, 401-403, 406; \times *calcaricum* 69:473; *paniculatum* 69:405; *parviflorum* 69:467, 469; *rugospermum* 69:467-469; *teretifolium* 69:468-471, 474; 70:399, 401-403, 405; *triangulare* 69:405; 75:415
Tamarindus 69:411; *indica* 57:286; 69:393, 411; 71:438; 73:50
Tamonea guianensis 67:342; 69:429; *macrophylla* 67:342
Tanacetum huronense 54:201, 236; var. *floccosum* 70:204; *vulgare* 60:66; 72:527; 75:321; f. *crispum* 72:527
Taonabo heptasepala 67:340; *luquillensis* 67:340; *pachyphylla* 67:340; *peduncularis* 67:340; *stahlii* 67:340; *subsessilis* 67:340
Tapeinanthus 52:247
Tarasa 69:15, 21
Taraxacum ceratophorum 53:7; *croceum* 53:13; *erythrospermum* 51:112; 60:66; 64:346; 65:95; 71:523; 72:528; 75:410; *kamtchaticum* 55:252; *kok-saghyz* 63:45; *laevigatum* 51:112; 75:410; *lapponicum* 53:6, 13; *longii* 53:7; *lyratum* 65:222; *officinale* 60:66; 63:289; 64:346; 65:95; 67:89; 70:179, 559; 71:523; 75:322; var. *officinale* 72:528; var. *palustre* 72:528; *palustre* 55:201; *phymatocarpum* 54:50, 283; 65:211, 222
Targionia hypophylla 68:471-472
Taxaceae 55:100; 67:356
Taxodiaceae 71:31
Taxodium 70:217; *ascendens* 60:18; 66:375; 71:31; *distichum* 51:20
Taxus baccata 51:366; *canadensis* 55:100; 65:88; 72:508; *floridana* 56:82; *globosa* 56:82
Tecoma 69:443; *stans* 69:443; 73:49
Tecomaria 69:443; *capensis* 69:443
Tectaria incisa 67:359; *martinicensis* 67:359
Tectona 69:439; *grandis* 67:350; 69:391, 439
Teesdalia nudicaulis 63:50, 55
Tektona grandis 69:439
Telaranea nematodes 59:253, 255
Teliostachya alopecuroidea 67:352
Tephrosia 51:193, 227 (map), 233, 305, 369; 55:343; 69:394, 414; sect. *Apodynomene* 51:223; sect. *Brissonia* 51:223; sect. *Eutephrosia* 51:223, 374; sect. *Pogonostigma* 51:223; sect. *Reineria* 51:223; sect. *Requienia* 51:223; *abbottiae* 51:212, 217-218, 237, 357, 359, 363 (map 22), (pl. 1155); *adscendens* 51:377; *adunca* 51:377, 379; var. *acutifolia* 51:377; var. *genuina* 51:377; f. *pseudomarginata* 51:377; var. *guaranitica* 51:377-378; var. *intermedia* 51:377; f. *glabrior* 51:377; var. *rufescens* 51:377, 379; f. *grandifolia* 51:377; f. *paraguayensis* 51:377, 379; var. *subglabrata* 51:377; *affinis* 51:256; *albida* 51:336, 338; *ambigua* 51:305, 311; var. *gracillima* 51:305, 310; var. *intermedia* 51:384; *amorphaeifolia* 51:380; *angustifolia* 51:276, 279-280; *angustissima* 51:204-205, 377, 379, (pl. 1152); *aniloides* 51:380; *arcuata* 51:242; *ascendens* 51:377; *astragalina* 51:380; *astragaloides* 51:201; *barclayi* 51:380; *belizensis* 51:204-205, 208, 211-212, 228, 240-41, 343, 345-346, 363 (map 24), (pl. 1152); *bracteolata* 51:216, 219, 235, 239, 372, 376-377; *brandegei* 51:378; *brevipes* 51:378, 380; *cana* 51:205, 208, 212, 217, 236, 284, 286-287, 323 (map 15); *candida* 51:203, 220, 233, 237, 256, 372, 374, 376; 67:333; *caribaea* 51:380; *carpenteri* 51:312; *cathartica* 51:203, 378, 380; *chilensis* 51:381; *chrysophylla* 51:204-206, 209, 212, 220, 230-231, 236, 301, 309 (map 12), 310-311, 314-318, 343, (pl. 1152); var. *chapmanni* 51:312; \times *florida* 51:210, 237, 315, 384; *cinerea* 51:203, 205, 211, 219-220, 231, 284, 378-380; 67:333; 69:414; β *littoralis* 51:378-379; γ *villosior* 51:378; var. *typica* 51:378; f. *pseudo-adunca* 51:378; *coerulea* 51:381; *constricta* 51:381; *conzattii* 51:204-206, 208, 212, 216, 225-226, 235, 250 (map 4), 259, 262, (pl. 1152); *cracoides* 51:381; *crassifolia* 51:212, 216, 239, 349, 353-355, 357, 360, 363 (map 23), 364; *cuernavacana* 51:212, 215-216, 235, 250 (map 4), 260-261; *decumbens* 51:378; *diversifolia* 51:212-213, 217, 238, 359, 363 (map 20), 369, 372; *dolichocarpa* 51:381; *domingensis* 51:378; *egregia* 51:378; *elegans* 51:299; *elliottii* 51:381; *emarginata* 51:249; *filiformis* 51:381; *flexuosa* 51:292-293; **florida** 51:204-206, 209, 212, 214, 220, 230-231,

236, 273, 282, 301-302, 305, 308, 309 (map 11), 310, 315-318, (pl. 1152); *foliolosa* 51:204-205, 208, 212, 214, 216, 240, 246, 250 (map 1), (pl. 1152); *frutescens* 51:381; *fruticosa* 51:381; *glabrescens* 51:381; *glandulifera* 51:382; *gracillima* 51:204, 305, (pl. 1152); *gracilis* 51:299; *grandiflora* 51:205, 208, 211, 215, 223, 233-235, 372, 374; *guaranitica* 51:377-378; *gynothrix* 51:378; *hamata* 51:288; *hassleri* 51:378; *heterantha* 51:382; *heydeana* 51:242; *hispidula* 51:204-205, 209, 212, 214, 230-231, 237, 273, 297, 299, 301-302, 308, 309 (map 13), 310, (pl. 1152); γ 51:292; *holosericea* 51:267, 276; *hookeriana* 51:204; *hypoleuca* 51:212, 237, 338-339, 341, 378; *intermedia* 51:315; *lanata* 51:212, 216, 228, 239, 354-355, 357, 363 (map 23); var. *velutina* 51:353, 360; *langlassei* 51:211-212, 226, 228, 240, 242, 323 (map 17), 345, 347-349, 364; *latidens* 51:201, 267; *leiocarpa* 51:205, 208, 212, 225, 228, 235, 247, 250 (map 6), 256, 258, 260, 265; *leptostachya* 51:378; β *leptophylla* 51:379; *leucantha* 51:208, 212, 215, 218, 229, 238, 262, 266, 323 (map 16), 335; var. *acuta* 51:262, 264-265; *leucosericea* 51:267, 274; *lindheimeri* 51:205, 212, 218-220, 224, 228, 231, 239, 309 (map 14), 321, 324-327; *linearis* 51:339, 372, 378-379; *littoralis* 51:284, 379; *longifolia* 51:382; *lupinoides* 51:360; *macrantha* 51:203, 212, 219-220, 237, 247, 249, 250 (map 2), 364; *macropoda* 51:201; *madrensis* 51:212, 219, 224-225, 235-236, 241, 319, 321, 353; *major* 51:212-213, 238, 248, 345, 347, 354, 359, 361, 363 (map 22); *marginata* 51:379; var. *cinerascens* 51:379; var. *pseudo-rufescens* 51:379; *mexicana* 51:212, 241, 344-346, 363 (map 24), (pl. 1153); *mollis* 51:382; *mollissima* 51:293; *moschata* 51:382; *multiflora* 51:276, 280; *multifolia* 51:200, 202, 205, 208, 211-212, 214, 216, 220, 225-226, 228-229, 239, 241-242, 246-247, 250 (map 1), 251, 255-256, 284; *nervosa* 51:379; *nicaraguensis* 51:211-212, 218, 226, 240-241, 250 (map 3), 332, 334, 364; *nitens* 51:204-205, 208, 212, 225-226, 228-229, 323 (map 18), 336, 338, 364, (pl. 1152); var. *lanata* 51:336, 338; *multiflora* 51:203-205, 208, 220, 372, 378-379, (pl. 1152); *ochroleuca* 51:382; *onobrychoides* 51:205-206, 212, 214,

217-218, 225, 228, 230, 240-241, 273, 276, 280-281, 282 (map 8), 302, 310; var. *texana* 51:277; *oroboides* 51:382; *pachypoda* 51:212-213, 238, 353, 359-361, 363 (map 22); *palmeri* 51:205, 208, 212, 236-237, 287, 289-290, 323 (map 15); *pauciflora* 51:276; *paucifolia* 51:292; *penicillata* 51:379; *perriniana* 51:378-379; *piscatoria* 51:379; *platyphylla* 51:212-213, 215, 238, 353, 359, 363 (map 20), 371-372; *pogonocalyx* 51:212, 217, 242, 341, 363 (map 21), (pl. 1153); *potosina* 51:205-206, 212, 218-220, 224, 228, 231, 240, 309 (map 14), 323 (map 18), 324-327; *pringlei* 51:211-212, 225-226, 239, 330, 351, 363 (map 19); *procumbens* 51:379; *prostrata* 51:311; *purisimae* 51:287, 289; *purpurea* 51:372, 377, 379-380; 69:373; var. *angustissima* 51:377, 379; *quercetorum* 51:212, 242, 349, 351, 359, 363 (map 21), (pl. 1154); *rhodantha* 51:205, 208, 211-212, 216, 219, 224, 226, 229, 236, 239, 250 (map 5), 282, 284; *rosea* 51:201, 372; *roseana* 51:262; *rufescens* 51:377, 379; var. *paraguayensis* 51:377, 379; *rugelii* 51:205-206, 212, 214, 217, 228, 230, 236, 290, 292, 297, 309 (map 10), 315, (pl. 1152); *saxicola* 51:212, 225, 239, 327-328, 330, 363 (map 19), (pl. 1153); *schiedeana* 51:246, 251, 256; *scopulorum* 51:380; *seemannii* 51:211-212, 225, 239, 328, 330, 363 (map 19); *senna* 51:203, 205, 208, 220, 378-380; 67:333; 69:415; *sericea* 51:249, 351; *sessiliflora* 51:217, 220, 234, 378, 380; 69:373; *simulans* 51:211-212, 241, 323 (map 17), 347, 349; *sinapou* 51:200-202, 204-205, 208, 211-212, 216, 218, 225-226, 228, 240, 246, 249, 250 (map 6), 251, 254-256, (pl. 1152); *smallii* 51:315; *spicata* 51:204-205, 209, 211-212, 214, 220, 228, 230-231, 235, 237, 276, 292, 297, 298 (map 9), 310, 318, 380, (pl. 1152); var. *semitonsa* 51:293, 397; *stipularis* 51:382; *submontana* 51:212, 238, 323 (map 18), 335; *talpa* 51:332, 334; *tenella* 51:204-205, 208-209, 211, 220, 289, 380, (pl. 1152); *tepicana* 51:212, 219, 224-225, 236, 242, 318-319, 321, 363; *texana* 51:277; *thurberi* 51:212, 214-215, 217-218, 228, 238, 265-267, 323 (map 16); *toxicaria* 51:202, 246, 249, 255-256; *velutina* 51:382; *venosa* 51:382; *venustula* 51:380; *vernica* 51:212, 238, 242, 323 (map 16), 339-340, 342, (pl. 1153);

- vicioides 51:204-205, 208, 216, 380, (pl. 1152); villosa 51:204, 233, 305, 310-311, 372, 378-380; var. flexuosa 51:293; virginiana 51:201-205, 209, 211-212, 214-215, 217-218, 224-225, 228, 230, 238, 267, 269, 271, 272 (map 7), 273-276, 330, 384, (pl. 1152); 61:24; 73:494, 508, 510, 512, 514; β glabra 51:267; γ holosericea 51:267; var. glabra 51:274; var. holosericea 51:274; var. leucosericea 51:384; virginica 51:267; viridis 51:256; vogelii 51:201, 203, 205, 220, 237, 372, 376; wallichii 51:379-380; watsoniana 51:212, 241, 351, 363 (map 21)
- Tepion alatum 67:355; 69:450
- Teramnus 69:415; labialis 69:415
- Terebraria resinosa 67:353
- Terminalia 69:430; catappa 69:430; muelleri 75:419
- Terminaliaceae 67:342
- Ternstroemia 59:36; hartii 59:38; heptasepala 67:340; howardiana 59:37-38; luquillensis 67:340; peduncularis 67:340; stahlia 67:340; subsessilis 67:340
- Tetmemorus 64:58; granulatus 58:124
- Tetracentron 70:426
- Tetraclea coulteri 67:194
- Tetracoccus 56:47 (map 1); subgen. Eutetracoccus 56:49; subgen. Halliophytum 56:49; subgen. Tetracocaster 56:49; capensis 56:46, 47 (fig. 1, map), 48 (fig. 2), 50, 52, 54-55; dioicus 56:46, 47 (fig. 1, map), 48 (fig. 2), 49-55, 60; engelmanni 56:50-51; fasciculatus 56:46-47, 55; var. fasciculatus 56:47 (fig. 1, map), 50, 55-57, 60; var. hallii 56:47 (fig. 1, map), 48 (fig. 2), 49-50, 54-57, 59-60, (pls. 1199-1200); hallii 56:47-48, 57; ilicifolius 56:46, 47 (fig. 1, map), 48 (fig. 2), 49-50, 52, 54; 65:196
- Tetradymia spinosa 52:53
- Tetraëdron caudatum 63:277; limneticum 64:57; 71:462; minimum 58:124; 63:277; obesum 63:277; trigonum 63:277; tumidulum 63:277
- Tetradesmus wisconsinense 63:278
- Tetragamestus modestus 67:325
- Tetragastris 69:417; balsamifera 69:392, 417
- Tetragonia expansa 60:14, 301, 305; 67:329; tetragonioides 67:329
- Tetragonotheca helianthoides 73:497
- Tetraneuris 59:131
- Tetraphidaceae 53:122; 62:147, 156
- Tetraphis geniculata 62:156; pellucida 53:122; 58:249; 62:156
- Tetraplodon mnioides 54:277; var. urceolatus 54:277; pennsylvanicus 62:156; urceolatum 54:277
- Tetrapteris 70:330; buxifolia 67:335; citrifolia 67:335; inaequalis 67:335; methystica 70:329 (fig.), 330
- Tetraspora cylindrica 64:57; gelatinosa 58:117; lubrica 64:57; 73:64, 66
- Tetrasporaceae 51:4
- Tetrasporales 67:252; 71:117
- Tetrastrum staurogeniaeforme 64:57
- Tetrazygia 69:429; angustifolia 69:429; elaeagnoides 69:429
- Tetrorum pusillum 66:90
- Teucrium canadense 53:3, 270; 55:225; 71:20, 27; charidemi 58:92; occidentale var. boreale 72:524
- Teuscheria cornucopia 61:36, 37 (fig.), 38-39; pickiana 61:36, 39, 41, 42 (fig.); venezuelana 61:35-36, 39, 40 (fig.)
- Thalesia 70:499
- Thalictrum alpinum 53:7; 67:382; arkansanum 53:131; confine 53:11; 54:201; 56:248; 62:111, 114; dasy carpum 55:47, 150; 58:82; 62:111, 116; var. hypoglaucom 63:331; debile 75:387; dioicum 54:64; 55:156; 62:111, 114; 75:388; macrostylum 75:388; mirabile 75:387; polygamum 62:111, 113; 64:345; 70:179, 184; 71:521; 72:339, 517; 75:318; var. hebecarpum 62:111, 113; var. intermedium 62:111, 116; var. polygamum 65:91; revolutum 62:111, 114; 72:13, 339; texanum 75:388
- Thalloedema 56:112
- Thalloidima conglomeratum 56:137
- Thamnidium 75:535; intermedium 75:536, 540, 547; mesocarpum f. penicilliformis 75:585, 587; rothii 75:537; spetsbergense 75:585, 587
- Thamnopsis 56:112
- Thaspium trifoliatum var. flavum 53:132
- Thaxteria fusca 68:190
- Theaceae 67:340
- Thecophyllum sintenisii 67:323
- Thelepogon elegans 60:73
- Thelesperma filifolium 61:244-246; flavodiscum 61:245-246; intermedium var. flavodiscum 61:245; var. rubrodiscum 61:244; marginatum 73:59; 74:395; nuecense 61:243, 245-246
- Thelia asprella 52:72; 53:118, 126; 62:161; var. lescurii 52:72; 62:161; hirtella 53:126; 62:161; lescurii 52:72-73; 53:118-119, 126; 62:161
- Theliaceae 62:147, 161

- Thelypodium paysonii* 59:61-62, 63 (fig. 1), 64-65; *purpusi* 62:59; *tenuis* 59:62, 64-65; *texanum* 59:62, 64-65; *vaseyi* 62:56, 58; *wrightii* 59:62, 64-65
- Thelypteris* 61:305; 69:5; 70:2; subgen. *Thelypteris* 68:468; *abrupta* 61:305; *angustifolia* 67:359; *antillana* 63:33-34; *aspidioides* 69:5; *asplenioides* 69:376; *assurgens* 69:5; *balbisii* 67:358; 69:376; *bangii* 69:5; *biformata* 69:5; *boqueronensis* 69:5; *brittonae* 67:359; *clypeolutata* 61:306; *coarctata* 69:5; *confluens* 73:444; *consanguinea* 61:306; *consimilis* 68:468; *consobrina* 69:5; *cooleyi* 68:468-469; *cordata* 69:376; *decussata* 67:358; *deflexa* 69:5; *delicatula* 61:306; *deltoidea* 67:358; *densa* 69:5; *dentata* 67:359; *diplazioides* 67:358; 69:7; *dryopteris* 57:233; 72:281; *dumetorum* 69:5; *ensiformis* 69:6; *falcata* 69:6; *furva* 69:6; *germaniana* 61:306; 63:33; 67:358; *gigantea* 69:6; *glandulosa* 61:306; *glandulosalanosa* 69:6; *gongyloides* 67:358; *gracilis* 68:468; *guadalupensis* 67:359; *hastata* 67:359; *herzogii* 69:6; *hexagonoptera* 57:224, 229 (figs. 21-22), 232, 236, 239; *hydrophila* 61:306; 63:33-34; *invisa* 61:306; 63:34; *jamesonii* 69:6; *laevigata* 69:6; *leprieurii* 69:6; *leptocladia* 67:359; *leucothrix* 69:6; *limbata* 61:306; 68:469; *lindigii* 69:5; *linkiana* 69:6; *longifolia* 69:7; *lugubriformis* 69:7; *macbridei* 69:7; *macrotis* 69:7; *megalodus* 67:359; *membranacea* 69:7; *mollis* 69:7; *muscicola* 63:33; *nemoralis* 69:7; *nephrodioides* 67:359; *nervosa* 69:7; *nitens* 69:7; *normalis* 67:359; *noveboracensis* 57:224, 229 (figs. 23-24), 233, 236, 239; 67:402-403; 68:125; 72:508; *oligocarpa* 63:34; *oligophylla* 61:306; 67:359; *opposita* 67:358; *palustris* 67:399, 402-403; 68:124; 73:444-445, 453, 455, 458 (fig. 1, map), 459; var. *haleana* 73:444, 448 (figs. 12-13), 453-454, 456, 458 (fig. 1, map), 459; var. *palustris* 73:444, 449 (figs. 14-17), 453, 455-456, 458 (fig. 1, map); var. *pubescens* 57:224, 229 (fig. 25), 232, 236; 72:508; 73:444-445, 446 (figs. 2-5), 447 (figs. 6-9), 448 (figs. 10-11), 451-454, 456-457, 458 (fig. 1, map), 459; 75:314; var. *squamigera* 73:444, 450 (figs. 18-22), 453, 455-457, 458 (fig. 1, map); var. *typica* 73:444; *patens* 67:359; *pavoniana* 69:7; *peruviana* 69:7; *phacelothrix* 69:7; *phegopteris* 57:232, 236, 239; 72:508; *pedrensis* 67:358; 68:468; *pilosula* 69:7; *poiteana* 67:359; *pteroides* 69:8; *rep-tans* 67:359; var. *tenera* 61:306; *resinifera* 69:376; *reticulata* 67:359; *robertianum* 57:233; *rolandii* 69:8; *rosei* 69:8; *rosenstockii* 69:8; *rudis* 64:348; 69:376; *rusbyi* 69:8; *rustica* 61:306; *sancta* 67:358; var. *portoricensis* 67:358; *sclerophylla* 67:359; *serra* 67:359; *serrata* 67:359; *simulata* 67:399, 400 (pl. 1317), 401 (map), 402-403; 72:339, 508, 529; *sprengelii* 69:376; *standleyi* 69:8; *subandina* 69:8; *tetragona* 67:359; *tristis* 69:8; *warmingii* 69:8
- Thecbroma* 69:426; *cacao* 69:391, 426; *subincanum* 70:122
- Theophrastaceae* 67:344; 69:433; 73:50
- Therefon richardsonii* 55:248, 251
- Thermia* 70:34; *rhombifolia* 70:34
- Thermopsis* 70:531; *mollis* 70:45; *rhombifolia* 58:281; 70:34; *villosa* 75:159
- Thespesia* 69:425; *populnea* 66:13; 69:425; 73:50
- Thevetia* 69:435; *peruviana* 67:346; 69:435
- Thibaudia krugii* 67:344
- Thismia americana* 54:211; 58:45
- Thlaspi* 54:183; 69:461, 463; *alliaceum* 69:463; *arvense* 55:153; 63:50, 54; 64:101; 69:463; 72:518; *bursa-pastoris* 69:463; *perfoliatum* 60:16; *tuberosum* 69:460-463
- Thouinia portoricensis* 67:338; *striata* 67:338
- Thrasya* 68:107, 295; *campylostachya* 68:295
- Thrinax ponceana* 67:322
- Thryallis glauca* 67:336; 69:374
- Thuidiaceae* 62:147, 161
- Thuidium abietinum* 62:161; *alleni* 53:118, 126; 62:162; *delicatulum* 53:118, 126; 62:162; 72:277; *microphyllum* 53:126; 62:170; *minutulum* 53:126; 62:162; *recognitum* 62:162; *scitum* 62:162; *tamariscinum* 62:171; *virginianum* 62:162
- Thuja occidentalis* 52:273; 55:42-43, 46-47, 101; 57:113; 60:248; 61:210; 62:141; 63:65; 65:77, 88; 72:274, 509; 74:352, 353 (fig. 1), 353, 354 (fig. 2), 356; f. *prostrata* 74:354; var. *ericoides* 74:354
- Thunbergia* 69:444; *alata* 69:444; *erecta* 69:444; *fragrans* 57:288; 69:444
- Thuraria* 70:51; *herbacea* 57:291; 58:288; 59:100; 70:50

- Thuspeinantha* 52:247
Thyana portoricensis 67:338; *striata* 67:338
Thyella tamnifolia 67:347
Thymelaea passerina 74:384
 Thymelaeaceae 64:277
Thymophylla 64:5-6, 9, 11
Thymus 69:440; *vulgaris* 69:440
Thyphalea fruticosa 67:339
Thyridaria rubro-notata 71:196 (fig. 11), 198
Thysanella fimbriata 75:386
 Thysanoteciaceae 56:107
Thysanothecium 56:107
Tiarella cordifolia 55:295; 58:309-310; 63:51-52, 288; 67:50, 51 (pl. 1310)
Tiaridium indicum 67:348; 69:438; 72:34
Tibouchina 69:175
Tigridia purpurea 67:192
Tilia 72:339-340, 343, 350; *americana* 52:274, 296; 55:11, 174; 57:131; 62:200; 63:295; 72:340-341, 342 (fig. 1), 343-344, 554; 73:462; 74:472-473; β *pubescens* 72:341; var. *heterophylla* 74:473; var. *neglecta* 72:340; var. *vestita* 72:341; \times *heterophylla* 72:341; *argentea* 74:473; *caroliniana* 74:473; *europaea* 72:344; *glabra* 55:11; 63:65; 74:473; var. *neglecta* 72:341; *heterophylla* 72:341, 342 (fig. 1), 343-344; 73:248; 74:470, 472-473; *michauxii* 72:341; 74:472-473; *neglecta* 66:312; 72:339-341, 342 (fig. 1), 343-344, 350; 74:469 (fig. 1), 470, 471 (fig. 2), 472-474; *nigra* 72:340; β 72:341; *pubescens* 74:472; *vestita* 72:341
 Tiliaceae 51:208; 52:296; 55:174; 67:339; 69:423
Tillaea aquatica 53:2, 268; 54:227; 56:96-97, 98 (fig. 1, map), 100-101; 63:50, 53; *cymosa* 66:87, 89-90; *simplex* 56:96-97; *vaillantii* 56:96-97
Tillaeastrum aquaticum 56:96-97
Tillandsia 57: (pl. 1216); 71:36, 232-235; subgen. *Aërobia* 71:236, 238; subgen. *Allardtia* 71:236; subgen. *Anoplophytum* 71:236, 238; subgen. *Diaphoranthema* 71:236, 239; subgen. *Phytarrhiza* 71:236, 238; subgen. *Pseudo-Catopsis* 71:232, 236, 239; subgen. *Tillandsia* 71:236, 240; *adpressa* 71:240, 263; var. *tonduziana* 71:263; *aloifolia* 67:323; 69:60; *apoloensis* 71:253; *australis* 71:241; *bakeri* 71:240, 262; *balbisiana* 57:277, 284; 69:60; *bandensis* 71:239, 254; *bangii* 71:240; *bartrami* 66:20; *biflora* 71:237-238, 245; *boliviana* 71:236, 242; *boliviensis* 71:237, 244; *bryoides* 71:239, 256; *buchtienii* 71:244; *calocephala* 71:237, 247; *capillaris* 71:239, 258; f. *cordobensis* 71:259; f. *hieronymi* 71:260; f. *incana* 71:259; f. *virescens* 71:259; *cardenasii* 71:237, 248; *caulescens* 71:238, 249; *circinata* 57:284; *complanata* 71:237, 247; *condensata* 71:253-254; *confinis* 71:237, 243; *confusa* var. *saxatilis* 71:252; *crassifolia* 71:250; *crocata* 71:238, 254; *decomposita* 71:252; *depiana* var. *latifolia* 71:240; *didisticha* 71:238, 250; *duratii* 71:238, 252; var. *saxatilis* 71:252; *fasciculata* 57:277, 284; *fendleri* 71:236, 240; *flexuosa* 67:323; 71:262; *friesii* 71:249; *funebri* 71:239, 257; *fuscoguttata* 71:237, 245; *gilliesii* 71:239, 257; *guentheri* 71:244; *herzogii* 71:253; *incurva* 71:265; *incurvata* 71:265; *ixioides* 71:238, 248; *juncea* 71:240, 263; *krukoffiana* 71:236, 242; *kuntzeana* 71:236, 242; *laxissima* 71:238, 252; *lineatispica* 69:394; *loliacea* 71:239; 255; *longifolia* 71:237, 243; *lorentziana* 71:238, 249; var. *simplex* 71:249; *mandonii* 71:254; *marantoides* 71:237, 243; *maxima* 71:236, 241; var. *densior* 71:241; *maxoniana* 71:266; *micrantha* 71:260-261; *monticola* 71:240, 261; *myosura* 71:239, 257; *paleacea* 71:238, 254; *paraënsis* 71:240, 264; *pardina* 71:240, 262; *parviflora* 71:240, 262; *pendulispica* 71:240, 264; *pilosa* 71:254-255; *pohliana* 71:238, 251; *polystachia* 71:240, 262; *pulchella* 69:373; 71:251; var. *rosea* 71:251; *quadrifolia* 71:255; *recurvata* 57:284; 71:239, 258; *reichenbachii* 71:238, 253; *rosea* 71:251; *rubella* 71:236-237, 241; *rusbyi* 71:237, 244; *scalarifolia* 71:254; *seemannii* 71:239, 260; *setacea* 66:20; 69:372; *simulata* 66:20; *soratensis* 71:253; *sphaerocephala* 71:237, 245, 246 (fig. 2); *spiculosa* 71:239, 260; *streptocarpa* 71:238, 253; *sublaxa* 67:323; *subtropicalis* 71:243; *tenuifolia* 57:277, 284; 66:20; 69:372-373; 71:238, 251; *triangularis* 71:261-262; *tricholepis* 71:239, 255; var. *macrophylla* 71:256; *triticea* 71:260; *tucumanensis* 71:253; *usneoides* 57:277, 284; 67:323; 70:225; 71:31, 239, 260; *utriculata* 57:277, 284; 66:20; *valenzuelana* 67:323; 71:240, 264; *vernica* 71:238, 250; *violascens* 71:237, 244; *walteri* 71:237, 247; *weddellii* 71:252-253; *wil-*

- liamsii* 71:259; *xiphioides* 71:238, 249
 Tilopteridaceae 71:124
 Tilopteridales 71:124
Timmia austriaca 51:123; *megapolitana* 62:158
 Timmiaceae 62:147, 158
Tinospora smilacina 73:77
Tipularia discolor 53:83; 63:20; 73:552
Tithonia 69:450; *diversifolia* 69:450; *longeradiata* 64:267
Tium michauxii 69:48
Tofieldia coccinea 55:249; *glutinosa* 53:7, 81, 86; 88:414 (fig. 11, map), 417; 73:53; 75:160; subsp. *brevistyla* 73:53-54; subsp. *glutinosa* 73:53; var. *brevistyla* 73:54; var. *intermedia* 73:54; *intermedia* 73:53; *occidentalis* var. *intermedia* 73:54; *palustris* 55:137; *pusilla* 55:51, 76, 137; 67:382; *racemosa* 71:32
Tolmiea menziesii 54:256
Toluifera 70:502; *balsamum* 70:502-503; var. β *pereirae* 70:504; *pereirae* 70:504
Tolypothrix conglutinata 64:57; *distorta* 58:124; 64:57; *lanata* 58:124; 64:57; 71:450; *penicillata* 58:117, 124; *tenuis* 58:124; 73:268; 74:485
Tomanthera auriculata 58:88-89
Tomenthypnum nitens 54:51
Toninia 56:105, 108, 111, 113, 137; sect. *Eutoninia* 56:108-109; sect. *Thalloidima* 56:108-109; *aromatica* 56:139; *badia* 56:148; *bornmülleri* 56:112; *bossoniana* 56:109; *bumamma* 56:112, 139, 140 (fig. 9), 141, 152; *candida* 56:109; *caulescens* 56:142-145; *coeruleonigricans* 56:111; f. *caulescens* 56:112; *conglomerata* 56:109, 112, 137, 138 (fig. 8), 139, 152; *nigrescens* 56:139; *nitida* 56:148; *robinsonii* 56:119; *ruginosa* 56:111, 144, 146, 148, 152; f. *nigricans* 56:145-146, 152; var. *andicola* 56:111, 145-146, 147 (fig. 11), 152; *squalida* 56:141, 143, 145, 152; f. *caulescens* 56:112, 142, 143 (fig. 10), 144; subsp. *caulescens* 56:142-143, 152; *squarrosa* 56:142; subsp. *candida* 56:109
Tontanea herbacea 67:353
Torilis nodosa 52:265
Torrabasia cuneifolia 67:338
Torreya 51:125
Torreyochloa 52:53; 54:43, 197; *erecta* 54:199; *fernaldii* 52:53-54; 54:199; 68:445; *natans* 54:199; *otisii* 54:199; *pallida* 54:197-199; subsp. *pallida* var. *fernaldii* 68:445; var. *fernaldii* 70:205; *paucifolia* 54:199; *viridis* 54:199
Torrubia fragrans 69:404
Tortella caespitosa 62:154; *fragilis* 64:125; *humilis* 53:123; 62:154; *mucronifolia* 62:171; *muralis* 53:123; *papillosa* 62:155; *ruralis* 62:155; *tortuosa* 62:155
Torularia 59:291; *humilis* 53:158; subsp. *arctica* 55:114-115; *torulosa* 55:110
Toullichiba 70:518
Tournefortia 69:438; *bicolor* 69:438; *gnaphalodes* 67:348; 69:438; *hirsutissima* 69:438; *laurifolia* 67:348; *maculata* 67:348; *microphylla* 67:348; 69:438; *peruviana* 67:348; *volubilis* 67:348; 69:438
Touterea parviflora 61:57
Tovara 54:19, 305; *apoënsis* 54:21, 25, 305; *filiformis* 54:20, 23-25, 305; var. *filiformis* 54:21, 23, 25; var. *kachina* 54:21, 25, 305; *neofiliformis* 54:23-24; *ryukyuensis* 54:23-24; *smaragdina* 54:23-24; *virginiana* 54:21, 24, 305; 56:83 (map 2), 84; 60:300, 303; f. *rubra* 54:22; var. *apoënsis* 54:25; var. *filiformis* 54:23; var. *glaberrima* 54:21-22; 62:130; var. *kachina* 54:25; var. *virginiana* 54:21; f. *rubra* 54:22
Toxicodendron sect. *Simplicifolia* 73:163; sect. *Toxicodendron* 73:163, 168 (fig. 27, map); sect. *Venenata* 73:163; *aboriginum* 73:201, 228, 235; *arborescens* 73:443; *arizonicum* 73:370, 371 (fig. 44); *biternatum* 73:305; *blodgettii* 73:190; *borneense* 73:73, 119, 121, 130, 163-164, 165 (fig. 25), 166, 167 (fig. 26, map), 465; *comarophyllum* 73:175, 180; *compactum* 73:402; *coriaceum* 73:184, 431, 433; *crenatum* 73:441; *desertorum* 73:389; *divaricatum* 73:370; *diversilobum* 73:78, 99, 101, 109, 116-117, 119, 121, 124 (fig. 2), 126 (fig. 4), 130 (fig. 8), 138, 142, 152, 155, 164, 172, 173 (fig. 29), 174 (fig. 30), 177 (fig. 31, map), 180, 183-185, 187, 411, 416, 419, 422-423, 431-433, 466 (fig. 53, map), 468-469, 475, 481, 482 (fig. 58, map), 485-486, 488-489, 515-516, 518-519; \times *rydbergii* 73:431, 488; *dryophilum* 73:175, 181-182; *eximium* 73:383; *fothergilloides* 73:387 (fig. 48), 389, 399; *glabrum* 73:190, 201-203, 435; *goniocarpum* 73:191, 203; *griffithii* 73:95, 119, 121; *hesperium* 73:388, 399; *isophyllum* 73:175, 181; *laetevirens* 73:370, 374; *lobadioides* 73:184, 431, 433; *loba-*

- tum 73:139; longipes 73:388; macrocarpum 73:388; **magnifolium** 73:73, 103, 109, 136 (fig. 11), 137 (fig. 12), 138; magnum 73:402; monticola 73:402, 403 (fig. 50), 414; negundo 73:227 (fig. 42), 228, 235; **nodosum** 73:73, 88, 99-100, 116-117, 119, 121, 145, 163, 167 (fig. 26, map), 168, 169 (fig. 28), 171-172, 469, 484, 515; orientale 73:128, 206, 207 (fig. 35), 210-211; oxycarpum 73:174 (fig. 30), 175, 181; phaseolcides 73:370, 374; pubescens 73:414, 441; pumilum 73:388, 399; punctatum 73:389, 399; quercifolium 73:402; radicans 73:77, 82, 97, 99-104, 111, 113, 115-117, 146 (fig. 17), 149, 152, 162, 186-187, 200, 386, 411, 415-417, 420-421, 443, 474-475, 490, 516, 518, 520, 522, 525-527; subsp. **barkleyi** 73:107-108, 163, 223 (fig. 40), 224, 225 (fig. 41, map), 226, 235, 275, 424, 467 (fig. 55, map), 469, 481, 484-486, 520; \times subsp. **divaricatum** 73:423, 467 (fig. 55, map); subsp. **divaricatum** 73:107-109, 114, 163, 225 (fig. 41, map), 226, 235, 370, 371 (fig. 44), 375, 434, 467 (fig. 55, map), 469, 474, 481, 484-485, 515; \times rydbergii 73:433; subsp. **eximium** 73:111-112, 164, 225 (fig. 41, map), 235, 383, 384 (fig. 47), 386, 469, 519; subsp. **hispidum** 73:73, 96, 98, 101-103, 138, 152, 164, 204, 213, 214 (fig. 37), 215 (fig. 38, map), 217, 235, 473; subsp. **negundo** 73:104, 112-115, 119, 121, 123 (fig. 1), 127 (fig. 5), 129 (fig. 7), 146 (fig. 17), 147 (fig. 18), 148 (fig. 19), 151 (fig. 20), 155, 156 (fig. 23), 163, 201, 205-206, 222, 227 (fig. 42), 228, 229 (fig. 43, map), 236-237, 400-401, 415, 423, 426-427, 429-431, 435-437, 465, 467 (fig. 54, map), 468-470, 474, 480 (fig. 57, map), 483, 485-486, 489, 515-517; \times subsp. **pubens** 73:426-427; \times subsp. **radicans** 73:428, 467 (fig. 54, map); \times rydbergii 73:435, 467 (fig. 54, map); subsp. **orientale** 73:96, 98, 101-103, 115, 119, 121, 123 (fig. 1), 125 (fig. 3), 127 (fig. 5), 128, 130 (fig. 8), 131, 137 (fig. 12), 138, 146 (fig. 17), 152, 164, 204, 206, 207 (fig. 35), 208 (fig. 36, map), 212-213, 217, 235, 400, 469-470, 473, 481, 483, 486; subsp. **pubens** 73:107-108, 113-114, 163, 182, 205-206, 218, 219 (fig. 39, map), 222, 236-237, 377 (fig. 46), 380, 416, 426-427, 468-469, 484, 515; \times subsp. **radicans** 73:426-427; subsp. **radicans** 73:81-82, 86, 98, 100-101, 103-104, 112-114, 116, 119, 121, 125 (fig. 3), 127 (fig. 5), 129 (fig. 7), 130, 138, 143 (fig. 15), 144 (fig. 16), 152, 155, 164, 188 (fig. 32), 189 (fig. 33), 190, 192 (fig. 34, map), 200-203, 205-206, 217-218, 222, 235-237, 400-401, 415-416, 418-419, 423, 426-427, 429-431, 435-436, 438, 440, 443, 467 (fig. 54, map), 468-469, 479, 482, 483 (fig. 59, map), 485-486, 488-490, 499, 503, 505, 507, 509-510, 513-516, 518, 522-524 (fig. 62); \times rydbergii 73:436, 467 (fig. 54, map); \times toxicarium 73:439; subsp. **verrucosum** 73:108, 114, 163, 219 (fig. 39, map), 221, 235, 375, 376 (fig. 45), 377 (fig. 46), 386, 414, 416, 418, 441-442, 468-469, 485-486, 488-489, 519; \times toxicarium 73:441; var. **divaricatum** 73:370, 424; var. **eximium** 73:383; var. **littoralis** 73:191; var. **microcarpon** 73:190; var. **rydbergii** 73:388; var. **volubile** 73:443; **rhomboidea** 73:378; **rufescens** 73:202, 435; **rydbergii** 73:79-80, 85-86, 104-106, 109, 113-114, 116, 119, 121, 123, 124 (fig. 2), 126 (fig. 4), 127 (fig. 5), 129 (fig. 7), 130, 141 (fig. 14), 145, 155-156, 157 (fig. 24), 163, 184, 187, 198-199, 205, 212, 236-237, 380, 387 (fig. 48), 388, 390 (fig. 49, map), 398, 400-401, 411, 415-416, 419, 422-423, 431-438, 466 (fig. 53, map), 467 (fig. 54, map), 469-471, 475, 479 (fig. 56, map), 480, 485-486, 488-489, 515-516, 518-519; **ser-ratum** 73:443; **silvestre** 73:94, 96; **striatum** 73:98, 116; **succedaneum** 73:88, 96, 99; **toxicarium** 73:97, 110-112, 114, 116-117, 119, 121, 124 (fig. 2), 126 (fig. 4), 127 (fig. 5), 130 (fig. 8), 132, 145, 151 (fig. 20), 152, 153 (fig. 21), 154 (fig. 22), 155-156, 157 (fig. 24), 162, 164, 386, 402, 403 (fig. 50), 404 (fig. 52), 406 (fig. 51, map), 411, 413-421, 440-442, 469, 481, 482 (fig. 58, map), 484-486, 488-490, 499, 504, 506-507, 509-510, 513, 515-516, 520, 521 (fig. 61), 522-523, 524 (fig. 62), 525-528; **toxicodendron** 73:402, 412; **trichocarpum** 73:88, 94, 96, 99, 119, 121, 124 (fig. 2), 126 (fig. 4), 127 (fig. 5), 130 (fig. 8), 155; **vaccarum** 73:175, 181; **vernificium** 73:78, 88, 94, 96, 98; **vernix** 73:98, 119, 121, 130; **verrucosum** 73:377; **volubile** 73:443; **vulgare** 73:86, 388, 412-413; **wallichii** 73:94, 152

Tracaulon 72:187

- Trachelomonas armata* var. *longispina* 69:57; *crebea* 64:57; *hispida* 63:280; *horrida* 69:57; *volvocina* 69:57
Trachelospermum difforme 70:36
Trachypogon 68:106, 354; *canescens* 68:355; *montufari* 68:354-355; *plumosus* 68:355; *polymorphus* var. *bolivianus* 68:355
Trachypteris pinnata 63:88
Tradescantia bracteata 60:42; f. *albiflora* 52:55; f. *rosea* 52:55; *brevifolia* 72:265; *canaliculata* 64:149; *elongata* 67:323; *ernestiana* 56:160; *fluminensis* 63:89; *geniculata* 67:323; *leiandra* 61:137; 72:265; var. *brevifolia* 72:265, 267; var. *ovata* 64:68, 70; 72:264; *longipes* 51:116; *navicularis* 64:149, 155 (fig. 6); *ohioensis* 53:80, 88; 64:149; f. *pilosa* 56:160; \times *subaspera* 53:80; \times *virginiana* 53:80; *palmeri* 64:329; *reverchoni* 64:149; *rosea* var. *graminea* 70:290; *semisomna* 64:69; *speciosa* 72:264, 267; *subaspera* 53:80, 88; *virginiana* 52:293; 53:80, 88; 65:75; 71:303
Tragia 69:241-242, 244-246, 249, 251-255, 257-258, 297, 421; sect. *Eutragia* 69:242-243, 255, 260, 297; sect. *Bia* 69:254, 297, 303; sect. *Leptobotrys* 69:251, 254-255, 259-261, 285, 296-297; sect. *Leptorachis* 69:242; sect. *Leucandra* 64:138; 69:242-243, 255, 260-261, 285, 297; sect. *Tragia* 64:138; 69:243, 251, 254-255, 257, 259-261, 297; sect. *Zuckertia* 69:303; *affinis* 69:255, 267; *amblyodonta* 64:140; 69:242-243, 245, 251, 254-257, 260, 268 (fig. 13), 283, 286-287 (fig. 24), 288, 289 (map 7), 290; *angustifolia* 64:139; 69:281; *bahiensis* 69:257; *bailloniana* 69:421; *betonicifolia* 69:244, 251, 256, 259, 261, 270, 271 (fig. 20), 272, 273 (map 4), 274, 281, 283, 286, 292, 298-299, 303; *brevispica* 69:242, 244, 251, 254-257, 260-261, 266, 268 (figs. 9-11), 273 (map 5), 274, 275 (fig. 21), 276-278, 281, 283, 285-286, 290, 303-304; *capensis* 69:251; *cordata* 64:358; 69:244-245, 251, 255, 259, 261, 263 (map 2), 265 (fig. 18), 266-267; *discolor* 69:300; α *subovalis* 69:300; β *cuneata* a. *lanceolata* 69:300; b. *latifolia* 69:300; δ *linearis* 69:300; *fallax* 69:251; *geraniifolia* 69:251, 257; *glanduligera* 69:244, 246, 251, 254-255, 257, 259, 261, 262 (fig. 17), 263 (map 1), 264, 266, 278, 290; *innocua* 69:297, 300; *laciniata* 69:241, 251, 256-257, 259, 289 (map 8), 292, 293 (fig. 26), 293-294; *leptophylla* 69:244; *linearifolia* 54:174; 69:300, 302; *macrocarpa* 69:266; *mexicana* 69:246, 303; *michauxii* 69:266; *nepetaefolia* (see also *nepetifolia*) 69:453; var. *amblyodonta* 64:140; var. *angustifolia* 64:140; var. *latifolia* 64:140; var. *leptophylla* 64:140; var. *scutellariaefolia* 64:140; var. *teucრიifolia* 64:140; *nepetifolia* 69:242-244, 251, 255-257, 260-261, 263 (map 1), 270, 277-278, 279 (fig. 22), 280-281, 283, 285-286, 294, 453; β *latifolia* 69:283; γ *amblyodonta* 69:288; δ *teucრიifolia* 69:276-277; ϵ *genuina* 69:278; η *scutellarifolia* 69:284; θ *angustifolia* 69:284; ξ *ramosa* 69:283, 285-287; var. *leptophylla* 69:284, 286; var. *ramosa* 64:139; *nigricans* 69:244-245, 247 (pl. 1356), 249, 251, 256, 259, 289 (map 8), 295 (fig. 27); *paxii* 69:257; *pinnata* 69:257, 294; *pungens* 69:252; *ramosa* 64:139; 69:242, 244, 248 (fig. 5), 249, 250 (fig. 7), 251, 254, 256, 260-261, 268 (fig. 12), 273 (map 6), 274, 277, 280-281, 282 (fig. 23), 285-286, 290, 292, 304; α *latifolia* 69:284; γ *leptophylla* 69:283; var. *leptophylla* 64:140; *saxicola* 69:244, 251, 256, 260, 273 (map 5), 290, 291 (fig. 25), 292, 299; *scandens* 64:140; *scutellariaefolia* 64:140; *scutellariifolia* 69:283; *sellowiana* 69:251; *smallii* 69:249, 250 (fig. 8), 251-252, 254-255, 260-261, 268, 273, 289 (map 9), 297, 298 (fig. 28), 299, 302-303; *stoltziana* 69:251-252; *stylaris* 64:140-141; 69:249, 283, 285-286; α *latifolia* 69:283; β *angustifolia* 69:283; γ *leptophylla* 69:283; var. α *latifolia* 64:140; var. *angustifolia* 64:140; var. *leptophylla* 64:140; *tenella* 69:257; *teucრიifolia* 64:139; 69:242, 274, 276-277, 290; *tristis* 69:251-252; *urens* 69:245-246, 249, 251-252, 254-255, 260-261, 268, 289 (map 10), 297, 299-300, 301 (fig. 29), 302-303; α *subovalis* 69:300; β *lanceolata* 69:300; δ *linearis* 69:300; var. α *innocua* 69:300; *urticifolia* 59:40; 69:247 (pl. 1356), 248 (fig. 6), 251, 254, 256, 259, 261, 263 (map 3), 267, 268 (fig. 14), 269 (fig. 19), 270, 274, 281, 285, 292, 302, 304; var. *laciniata* 69:292; var. *texana* 69:272, 274; *volubilis* 69:242-243, 251, 260, 421
Tragiola 64:147; *pilosa* 64:154, 159 (fig. 46)

- Tragoceros americanus* 64:265; 74:511-512; *microglossus* 74:511-512; *mocinianus* 64:265; *schiedeanus* 64:265; 74:203, 511-512; *zinnioides* 74:512
Tragopogon 55:325; 56:7; *brevirostris* 56:7; *cupani* 56:7-8, 11 (figs. 18-20), 13, 21; *dubius* 55:325-327, (pl. 1197); 56:7-8, 11 (figs. 1-17), 12-13, 15, 18-19, 21; 60:29; subsp. *dubius* 55:326-327; subsp. *major* 55:325-327; *longirostris* 56:9, 14 (fig. 40), 16, 21; *major* 54:260; 55:325-327; 56:7; subsp. *dubius* 55:326-327; *marginatus* 56:7; *mirus* 56:7, 10, 17 (figs. 45-47), 18-19, 21; 57:105; *miscellus* 56:7, 10, 17 (figs. 48-50), 19, 21; 57:105; *orientalis* 56:9, 16, 17 (figs. 41-44), 18, 21; *porrifolius* 56:7-9, 13, 14 (figs. 21-30), 15-16, 18-19, 21; *pratensis* 51:112; 55:326; 56:7, 9, 14 (figs. 31-39), 15-16, 18-19, 21; 63:45; subsp. *pratensis* 56:16; *racemosus* 56:179
Tragus 51:7; 68:104, 279; *berteronianus* 51:7, 67:318; *racemosus* 51:7; 68:279
Trailiella intricata 66:229; 71:132, 527; 72:201, 208, 239; 73:284; 75:279
Trapa natans 54:135; 59:265; 70:171
Trautvetteria carolinensis 54:212; 61:291
Treleasea brevifolia 72:265; *pumila* 61:138-139
Trema 69:400; *lamarckiana* 73:206; *micrantha* 69:400
Trematodon ambiguus 62:152; *longicollis* 62:152
Trentepohlia 75:535, 566; *daviesii* 75:81, 551, 577; *purpurea* 75:536; *virgatula* 75:95, 577; var. *secundata* 75:577
Trepocarpus aethusae 51:21
Triactina 53:89
Triadenum virginicum 62:294
Triantha intermedia 73:54
Trianthema 69:404; *portulacastrum* 69:404
Tribonema bombycinum 58:124; 63:279; 64:57; f. *tenue* 58:124; *minus* 63:279
Tribonemataceae 63:279
Tribulus 69:415, 455-456; *alacranensis* 69:456; *alatus* 69:455-456; *cistoides* 69:415, 455-456; 74:117, 118 (figs. 1-4), 119 (figs. 5-8), 120; *sericeus* 69:456; *terrestris* 67:181; 69:455-456
Tricera citrifolia 67:338; *vahlii* 67:338
Trichachne 65:355; 68:107, 293; *affinis* 65:355; 68:293; 69:372; *californica* 51:20, 22; 56:208; 68:293; *eggersii* 67:318; *insularis* 57:160; 65:355; 67:318; 68:293; *patens* 51:22; *saccharata* 68:294; *sacchariflora* 65:355; 68:293
Trichasterophyllum hyssopifolium 67:298
Trichaetolepis 64:8
Trichilia sp. 70:130
Trichipteris cordata 74:446; *cyclodium* 74:446-447, 448 (figs. 13-14), 449; *maguirei* 74:447, 448 (figs. 15-16), 449; *sagittifolia* 74:446; *steyermarkii* 74:446, 448 (figs. 11-12); *williamsii* 7:447, 449
Trichloris 68:101, 286; *mendocina* 68:286; *pluriflora* 68:286
Trichocladus 71:311
Trichocolea tomentella 53:120
Trichocoronis wrightii 64:252, 260 (fig. 7), 263
Trichoderma viride 73:308
Trichodesmium lacustre 63:280; *thiebautii* 75:291
Trichodium laxiflorum 68:438
Trichodon cylindricus 64:122-123
Trichogonia 70:233; 72:94; *gardneri* 70:231, 237
Tricholaena repens 69:372; *rosea* 68:296
Tricholoma 71:178, 190; *davisiae* 64:132; *griseum* 71:184; *hygrophorus* 71:184; *rubescentifolium* 68:176
Tricholomopsis 71:189, 191; *bella* 71:190-191, 192 (pl. 1412), 193; *flavescens* 71:191; *ornata* 71:191; *sulphurea* 71:188 (pl. 1411), 189-191; *sulphureoides* 71:191; *thompsonianae* 71:191
Trichomanes angustifrons 67:360; *boschianum* 57:220; 60:143-144; *fimbriatum* 63:31; *kepplerianum* 67:360; *ovale* 67:360; *punctatum* subsp. *sphenoides* 67:360; *pusillum* 67:360; *radicans* 64:348; *robustum* 67:360; *sphenoides* 67:360; *superbum* 63:31; *trigonum* var. *fimbriatum* 63:31
Trichometasphaeria gloeospora 62:195 (fig. 6), 197-198
Trichophaea bullata 71:202
Trichophyllum oppositifolium 66:185, 285
Trichopteryx 68:100, 291; *flammida* 68:291
Trichosanchezia chrysothrix 66:343
Trichosphaeria barbicineta 65:305; *subcorticalis* 71:198
Trichostema dichotomum 52:297; 60:43; 71:33; 73:496; *setaceum* 60:207-208; *suffrutescens* 57:279, 288

- Trichostigma* 69:404; *octandrum* 69:404
Trichostomum cylindricum 62:155; 64:123; *tenuirostre* 59:26; 62:155; 64:123; 72:494
Trichothecium roseum 73:306
Trichothyria parasitica 71:194
Trichothyrium 71:195; *epimyces* 71:195
Tricyrtis hirta 65:186
Tridactylina kirilovii 62:261
Tridax 69:450; 70:241, 245; *accedens* 70:241-242, 245-246; *dubia* 70:242, 245-246; *oligantha* 70:241-242, 245-246; *pringlei* 70:241; *procumbens* 66:15; 69:450
Tridens ambiguus 71:31; *elongatus* 56:28; var. *muticus* 56:28; *flavus* 56:179; 59:72; var. *aristatus* 56:27; var. *chapmanii* 56:27; *muticus* var. *elongatus* 56:28; *oklahomensis* 59:72; *pulchellus* 56:179; *strictus* 52:126-127; 59:72; 71:31
Trientalis 72:340; *americana* 55:46; *borealis* 52:296; 55:45, 185; 58:310; 65:23, 94; 67:402; 71:26; 72:282, 489, 490 (map 1), 491-492, 523; 75:320; *europaea* subsp. *arctica* 71:506
Trifolium 59:243; 72:387; 75:115; *agrarium* 55:14, 170; 60:65; 72:520; 75:319; *angustifolium* 75:391; *arvense* 70:443; 72:520; *hybridum* 55:169; 64:346; 71:522; var. *elegans* 72:520; *monanthum* 58:281; *pratense* 51:8; 52:295; 53:22; 55:169; 60:65; 64:346; 65:92; 71:522; 72:520; f. *leucochraceum* 54:209, 213, 255; 74:150; f. *pilosum* 72:520; var. *frigidum* 53:22; var. *sativum* 53:22; 75:318; *procumbens* 51:111; 55:170; 72:520; *repens* 55:169; 60:65; 63:288; 64:346; 65:92; 71:522; 72:520; 75:319; f. *phyllanthum* 71:170; *resupinatum* 53:130, 132; *simplicifolium* 64:61-62; *vesiculosum* 75:391
Triglochin maritimum 54:203; 65:88; 68:436; 70:442; 71:22; 72:509; 75:56, 314; *palustre* 53:156, 160; 54:203; 55:84, 117; 57:114; 58:65; 68:436; 71:504; 72:509; 75:314
Trigonospermum adenostemmoides 74:513
Trilisa 70:474-476, 480-482; *carnosa* 60:120; 70:475; *odoratissima* 60:118-119, 121; 64:90; 66:379; 70:474-478, 480-481; 71:34; *paniculata* 53:114; 60:119, 121; 64:90; 70:474-482; f. *alba* 53:114
Trillium 55:101; 72:2; *catesbaei* 73:244, 247-248; *cernuum* 53:81, 84-85; 55:139; 57:265; 67:373; 72:11, 554; var. *macranthum* 53:81; 55:139; 57:265; var. *terrae-novae* 55:101; *cuneatum* 63:20; 73:248; *discolor* 73:248; *erectum* 53:10, 81, 85; 55:156, 295; 57:265, 336; 61:124; 63:21, 295; 65:77; 72:492; f. *albiflorum* 53:81; 57:306; f. *luteum* 53:81; f. *sessiloides* 55:102; *erythrocarpum* 55:295; *flexipes* 55:156; *grandiflorum* 53:81, 87; 54:64; 57:265; 61:124; 72:492; 73:247-248; *nivale* 57:315; 73:247; *ozarkanum* 51:116; 62:130; *persistens* 73:244, 246-248; *pictum* 55:295; *pusillum* 51:368; 52:261; 63:307; 73:247; var. *ozarkanum* 62:130; 63:307; var. *virginianum* 51:304, 368 (fig. 1); *recurvatum* 54:126; 61:124; f. *foliosum* 61:124; f. *petaloideum* 61:124; f. *shayi* 56:227; 60:42; *sessile* 71:303; *undulatum* 53:16, 81, 85; 65:23; 72:282, 514; f. *cleavelandicum* 53:81; f. *polymerum* 53:81; *vaseyi* 72:492; *viride* 66:312
Trimezia 64:291, 307; *fistulosa* 64:309; *lutea* 64:308; *martii* 64:309; *martinicensis* 64:307-308, 310; 67:324; *meridensis* 64:308; *steyermarkii* 64:310
Triniochloa 68:99, 266; *stipoides* 68:266
Triodanis biflora 74:387; *perfoliata* f. *alba* 62:131
Triodia 68:99, 235; *avenacea* 68:235; *chapmani* 51:127; *cuprea* 56:179; *elongata* 56:28; *flava* f. *cuprea* 57:266; 59:234; *pilosa* 51:19; 52:19; *seslerioides* var. *aristata* 56:28; *stricta* 52:126; 55:289
Triosteum 72:344, 347; 75:120-121; *angustifolium* 55:346-347; f. *rubrum* 55:347; *aurantiacum* 55:346; 72:349; *hispidum* 55:346-347; *perfoliatum* 75:121
Triphasia 69:417; *trifolia* 69:417
Triphora pendula 58:34; *trianthophora* 53:83, 87; 58:31, 33-34; 71:509; 74:141; var. *schaffneri* 68:420; var. *trianthophora* 68:420
Triplasis 51:6-7; *purpurea* 51:6; 56:181; 57:284; 63:134, 136; 68:518; 74:390
Triploceras gracile 63:278
Tripogandra elongata 67:323; *grandiflora* 64:338
Tripogon 68:104, 282; *spicatus* 68:282
Tripsacum 68:106-107, 357; *australe* 68:357; *dactyloides* 66:11, 371-372; 68:357; *floridanum* 66:371-373
Tripterella coerulea 56:256-257

- Trisetum* 68:101, 103, 242; *floribundum* 68:243; *interruptum* 52:166; *melicoides* var. *majus* 65:78; *oreophilum* 68:243; *pensylvanicum* 60:207; *spicatum* 54:224; 55:41, 121-122, 248; 65:212; 67:382; 68:243, 449; subsp. *molle* 68:450; var. *maidenii* 54:277; 55:121-122; 68:449-450; var. *molle* 51:109; 54:224; 55:121-122; 61:23; 68:411 (fig. 3, map), 416, 449; var. *pilosiglume* 54:224; 55:121; 56:243, 245; 57:301-302, 304; 68:411 (fig. 3, map), 416, 419; subsp. *molle* 51:109; *triflorum* subsp. *molle* 68:450
Trismeria 75:412; *trifoliata* 67:357; 75:412
Tristachya 68:100, 292; *chrysothrix* 68:292
Triteleia uniflora 60:13
Triticum aestivum 56:180; 69:31; 72:510; *trachycaulum* 56:28
Tritomaria exsecta 59:252-253; *exsectiformis* 60:234; *quinquedentata* 60:253; *scitula* 60:253
Tritonia riparia 64:307
Triumfetta 69:423; *bartramia* 67:339; 69:374, 423; *bogotensis* 67:339; *excisa* 67:339; *hispida* 67:339; *lappula* 69:423; *rhomboidea* 69:374; *semitriloba* 69:423
Trixis 70:233-234; *californica* 64:270; *divaricata* 70:233, 240; *pinnatifida* 70:230 (fig. 25), 233, 240; *radialis* 64:259, 261 (fig. 33), 270
Trizeuxis pygmaea 59:288
Trochiscia 63:277; *obtusata* 63:277; *reticularis* 63:277; 67:251
Trochodendrales 70:425-426
Trollius laxus 62:111, 115; 70:285
Tropaeolaceae 71:550
Tropaeolum glaziovii 71:550
Troximum ciliatum 70:50; *cuspidatum* 70:50; *glaucum* 57:291; 70:50; *marginatum* 70:50
Tsuga canadensis 57:194; 60:243-244, 329; 61:21; 62:90, 92; 63:65-69; 64:99; 65:77; 67:92; 72:5, 280-281, 509; 73:248; *heterophylla* 72:497
Tuberaria 69:186
Tubeufia cerea 65:302 (figs. 4-5), 307-308
Tubiflora caroliniensis 64:89
Tubiflorae 51:70
Tulostoma brumale 67:89-90; 73:20, 22, 23 (fig. 1), 24, 27, 31, 33, 34 (fig. 2), 35, 36 (fig. 3); *imbricatum* 67:90; *mammosum* 67:90; *pedunculatum* 67:90; *simulans* 67:90; *squamosum* 67:90
Tunica 52:233; *prolifera* 52:245; 75:387; *saxifraga* 52:245; 62:109, 115
Tupa portoricensis 67:354; *robusta* 67:354
Turbina 69:437; *corybosa* 69:437
Turnera 69:427; *subulata* 66:107; *ulmifolia* 69:427; var. *angustifolia* 66:107-108; var. *elegans* 66:107-108; var. *ulmifolia* 66:107-108
Turneraceae 64:147, 152; 69:427; 75:419
Turpina 69:422; *paniculata* 69:422
Turritis hirsuta 62:20
Tussilago farfara 51:112; 53:22, 93; 74:403, 404 (fig. 1, map)
Tynnanthus caryophylleus 67:352; *myrianthus* 67:352
Typha 56:207; *angustifolia* 56:80; 57:283; 61:276; 63:40; 66:11, 141; 67:317; 70:171; 71:20, 22; 72:285; *domigensis* 57:283; 66:11; 67:317; *latifolia* 53:19, 156; 55:47, 116; 60:207; 64:284; 66:141; 67:374; 70:171; 71:297; 72:509; 73:105; 75:57, 314; f. *ambigua* 54:221; 60:207
Typhaceae 55:116; 66:11; 67:317; 75:314
Ucacou 75:171, 181
Udora 67:171; *brasiliensis* 67:171; *canadensis* 67:7, 12, 171; *granatensis* 67:171; *guyannensis* 67:171; *lithuanica* 67:171; *occidentalis* 67:21, 171; *orinocensis* 67:171; *pomeranica* 67:171; *surinamensis* 67:171; *verticillata* 67:171; var. *minor* 67:170-171
Ulmaceae 58:129; 67:327; 69:400
Ulmus 70:294-295; 71:544; *alata* 70:295; 71:545; *americana* 53:3; 54:138-139; 58:91, 129, 131; 60:67, 71; 62:200; 63:65, 288; 64:333; 65:366; 67:386; 70:295; 71:169, 544-545; 72:554; f. *alba* 58:129; 71:169; f. *intercedens* 58:129; 71:169; f. *laevior* 54:139; 58:129; 71:169; f. *pendula* 58:129; 69:31; 71:169; var. *floridana* 71:545; *campestris* 54:138-139; 71:544; *carpinifolia* 70:295; 71:544; *crassifolia* 71:545; 73:222; *fulva* 54:139; 71:544; *glabra* 54:138; 58:129; 70:295; 71:544; \times *hollandica* 70:295; var. *klemmer* 70:395; *japonica* 70:295; *laevis* 70:295; *macrocarpa* 71:545; *montana* 71:544; *parvifolia* 71:546; *procera* 58:129; 74:143; cv. *argenteovariegata* 73:306; *pumila* 57:313; 63:42; 71:544; *rubra* 53:225; 54:139; 58:129, 132; 71:169, 303, 544; 72:554; *serotina* 71:546; *thomasii* 58:129, 133; 70:295; 73:306; *wilsonii* 70:295

- Ulota americana* 62:159; *crispa* 58:249; 59:257; 62:159; *drummondii* 62:171; *hutchinsiae* 62:159; *ludwigii* 62:159; *phyllantha* 58:249
Ulothrix belkiae 67:247 (pls. 1315-1316), 248, 251; *cylindricum* 63:276; *endosporangia* 75:261; *flacca* 66:220, 234; 71:117-118, 527; 72:319, 332; 73:268; 74:265, 415; 75:58, 261; *implexa* 58:124; *pseudoflacca* 73:268; sp. 63:276; 75:261; *subconstricta* 63:276; 71:462; *subflaccida* 73:269; 74:485; 75:261; *subtilissima* 67:251; *tenerrima* 63:276; 64:57; 71:462; *variabilis* 63:276; 71:462; *zonata* 64:57
Ulotrichaceae 63:276; 67:251; 71:118; 74:265; 75:261
Ulotrichales 67:251; 71:117, 526; 73:268
Ulva 75:488; *gigantea* 73:275; 74:479; *lactuca* 66:220, 234; 71:154, 527; 72:116, 319, 321, 332; 74:266, 409, 411, 416; 75:58, 63, 264; var. *latissima* 75:265; var. *rigida* 75:265; *rigida* 73:275; 74:480
Ulvaceae 71:118; 74:265; 75:262
Ulvales 67:251
Ulvaria oxysperma 73:275
Umbelliferae 55:177; 59:242; 63:211; 67:344; 69:432; 71:550; 75:319, 420
Umbilicaria dillenii 60:84; *mammulata* 60:84; *muhlenbergii* 60:84; *papulosa* 60:84
Umsema 75:448; *mucronata* 75:452; *obtusifolia* 75:452
Uncinia 67:133; 74:322 (fig. 13); *hamata* 67:133; *phleoides* 67:133; *uncinoides* 74:322 (figs. 1-2), 323
Ungnadia speciosa 56:25; 73:388
Uniola latifolia 51:127; 70:51; *laxa* 54:251; *nitida* 75:369; *paniculata* 57:280-281, 284, (pl. 1220); 73:48
Unisema 75:428-429; *acutifolia* 75:453; *cordata* 75:454; f. *angustifolia* 75:454; f. *latifolia* 75:454; *deltifolia* 75:452; *heterophylla* 75:453; var. *lanceolata* 75:453; var. *stenocardia* 75:453; *lancifolia* 75:462; f. *trullifolia* 75:454; *latifolia* 75:452; var. *albiflora* 75:453; var. *elatior* 75:452; var. *pallida* 75:453; var. *undulata* 75:453; *media* 75:452; var. *albiflora* 75:452, 454; var. *angustifolia* 75:452; *obliquata* 75:452; *orbiculata* 75:473; *peduncularis* 75:453; var. *parvifolia* 75:453; *purshiana* 75:452; *rotundifolia* 75:453; *sagitata* 75:452
Unxia camphorata 73:291-292; 74:204-205; *digyna* 74:204; *hirsuta* 74:205; *suffruticosa* 74:206
Uralespis elongata 56:28
Urceolaria exotica 67:353
Urechites 69:437; 72:30; *jaegeri* 72:31; *lutea* 57:287; 69:435; 72:30; var. *lutea* 72:30-31; var. *sericea* 72:30-31; *pinetorum* 72:31
Urena 69:425; *lobata* 69:425; var. *sinuata* 69:375; *sinuata* 69:375
Urocarpidium 69:15, 21
Urococcus foslieanus 60:284; 73:284; 74:487
Uroglenopsis americana 71:452 (fig. 13), 453, 466
Urospora 72:317; *collabens* 71:121; 72:116, 319, 332; 74:416; *mirabilis* 71:153; *penicilliformis* 71:121; 72:116, 319, 332; 74:416; 75:58; *speciosa* 72:116, 319, 332; 74:416; *wormskjoldii* 66:234; 72:116, 319, 332
Urostachys sintenisii 67:360
Urtica canadensis 55:295; *chamaedryoides* 60:298, 305; 66:312; *dioica* 53:22; 60:298, 304; 64:343, 345; 66:312; 72:516; var. *dioica* 62:240; var. *gracilis* 62:240; var. *procera* 62:240; *gracilis* 55:145; 60:298, 302; 65:91; 71:520; *procera* 55:145; 60:298, 302; 75:317; sp. 71:516; *urens* 60:298, 304; 72:516; *viridis* 60:298; 302; 64:343, 345; 71:520; 72:516; 75:317
Urticaceae 55:145; 60:297; 66:12; 69:401; 75:317
Usnea florida 60:81; *hirta* 60:81
Utricularia 51:12; 64:147; *adpressa* 73:159; *biflora* 58:41-43; *cornuta* 53:10, 160; 57:113; 68:428; 71:33; 72:525; 73:260, 541-544, 545 (figs. 1-7); *fibrosa* 58:41-43; 66:379; 71:33; *geminiscapa* 51:10; 67:376; 72:525; 74:136; *gibba* 51:12; 69:376; *inflata* 64:154, 159 (figs. 48-49); 72:58; 73:260; var. *minor* 67:197; 72:58; 73:260; *intermedia* 55:47, 191; 57:113; 63:45; 70:208; 73:260; *juncea* 67:352; 68:428; 71:33; 73:541-544, 545 (figs. 8-9); *macrorhiza* 53:159; 55:191; *macrorhyncha* 66:380; *minor* 55:47, 191; 61:276, 283 (fig. 6, map), 287; *obtusata* 69:376; *orbiculata* 73:543; *purpurea* 71:418 (pl. 1424), 419; 73:260; *pusilla* 67:352; *radiata* 72:58; *resupinata* 75:403; sp. 70:208; *striatula* 73:544; *subulata* 66:380; 67:351; 71:33; var. *cleistogama* 58:90; *virgatula* 66:379; *vulgaris* 53:10; 55:191; 71:418 (pl. 1424), 419; 73:260
Uvularia 54:57; 65:158; sect. *Oakesiella* 65:168-169; sect. *Uvularia* 65:169-170; *acutifolia* 65:184; am-

- plexicaule 65:184; amplexifolia 65:158, 184; betua 65:184; calcarata 65:185; caroliniana 63:39; 64:90; 65:185; chinensis 65:186-187; cirrhosa 65:186; distorta 65:186; flava 65:178-181; floridana 65:161, 163-164, 166 (fig. 1), 167, 169, 173 (fig. 3, map); grandiflora 53:81, 87; 54:57-60, 61 ((fig. 1, map), 63-64, 66; 57:131; 65:160-165, 166 (fig. 1), 167, 170, 176, 178 (fig. 5, map), 179, 181-183, 186-187; f. latifolia 65:176; f. variegata 67:176; grandifolia 65:186; hamiltoniana 65:186; hirta 65:186; lanceolata 65:177, 186-187; lanuginosa 65:187; β major 65:187; leschenaultiana 65:187; multiflora 65:187; nitida 63:36, 39; 65:170; oppositifolia 65:187; parviflora 65:187; perfoliata 52:260, 293; 53:81, 87; 54:57-59, 62-64, 65 (fig. 2, map), 66; 61:269; 63:38; 65:158, 160-165, 166 (fig. 1), 167-168, 170, 176, 178-179, 180 (fig. 6, map), 181-183, 186-187; α major 65:176; β major 65:178; pitsutu 65:187; puberula 63:36, 38-39; 64:90; 65:160-164, 166 (fig. 1), 167, 169, 172 (fig. 2, map), 185-187; var. nitida 63:37, 39; 65:162, 170; pudica 52:260; 63:37-39; 64:90; 65:187; var. nitida 63:37, 39; 65:170; rosea 65:187; sessiliflora 65:187; sessilifolia 52:256; 53:81, 84; 54:58-59, 64, 65 (fig. 3, map), 66; 55:295; 63:42, 295; 65:158, 161, 163-165, 166 (fig. 1), 167, 169, 174-175, 176 (fig. 4 map), 183-184, 187; 67:372; 72:281; sessilis 65:165, 187; smithii 65:187; umbellata 65:188; viridescens 65:188
- Vaccaria 52:233; pyramidata 52:244; segetalis 52:244; vaccaria 52:244
- Vacciniaceae 67:344
- Vaccinium 51:367; 75:313; albiflorum 51:104; angustifolium 52:296; 55:41, 44, 183; 62:276; 63:66; 68:189; 72:280-281; var. angustifolium 72:523; 74:367; var. hypolasium 51:104; var. laevifolium 60:68; 65:93, 273; 72:523; 75:320; var. myrtilloides 51:104; var. nigrum 71:26; 72:523; arboreum 64:134, 358; 73:495, 504, 506; boreale 68:414 (fig. 12, map), 417; caespitosum 53:270; 54:227; 55:183; 62:276; 65:312; 68:414 (fig. 12, map), 417; canadense 51:104; 55:183; chamissonis 54:222; corymbosum 52:296; 63:66, 68, 284; 64:134; 70:291; 71:20-21, 26; 72:281; 73:495; var. albiflorum 72:523; var. atrococcum f. leucococcum 53:98; var. fuscatum 60:86; var. glabrum 54:212; \times corymbosum f. albiflorum 51:104; var. albiflorum 51:104; crassifolium 69:59; 70:290; elliottii 69:59; gaultherioides 62:276; 72:443, 446, 449; macrocarpon 64:350-351; 65:93, 273; 67:373; 71:20, 26; 72:523; 73:259; f. eburnea 64:351; microphyllum 59:292; 62:276; 72:450; myrsinites 64:91; myrtilloides 51:104; 53:10; 55:46, 183; 63:66; 64:98; 65:23; 66:61; 72:523; f. chiococcum 51:104; myrtillus 62:262; occidentale 72:454; ovalifolium 52:286; 54:222; 56:250; 68:414 (fig. 12, map), 417; oxycoccus 55:44, 184; 58:59, 322; 65:93; 72:523; 75:320; f. leucocarpum 64:351; var. intermedium 66:151; var. ovalifolium 65:93; 66:151; 75:320; var. oxycoccus 66:151; pensilvanicum var. myrtilloides 51:104; pubescens 72:448; salicinum 72:443, 453; stamineum 63:146; 64:134, 357-358; 73:503, 505, 508, 510, 512, 514; var. neglectum 64:358; tenellum 64:91; 66:379; 69:59; 73:495, 507, 509; uliginosum 53:270; 55:41, 51, 53, 77, 182, 295; 58:59; 59:292; 62:262; 67:380; 68:189; 71:506; 72:439, 440 (fig. 1), 441-450, 452-453, 455-456; 74:365, 367-368, 370-375; *microphyllum 72:450; f. pubescens 72:448; subsp. gaultherioides 72:443, 447, 449-450, 451 (fig. 3, map), 455-456; subsp. occidentale 72:454 (fig. 6, map), 455-457; var. occidentale 72:448, 453, 454 (fig. 6, map), 455, 457; var. salicinum 72:448, 453, 454 (fig. 6, map), 455, 457; subsp. pedris 72:443, 447-448, 450, 452 (fig. 4, map), 455, 457; subsp. pubescens 72:447-448, 449 (fig. 2, map), 452, 455-456; subsp. uliginosum 72:447, 450, 452, 453 (fig. 5, map), 455; var. alpinum 51:367; 54:53; 56:249; 61:123; 62:276; 68:412 (fig. 6, map), 415-416; 72:448; f. langeanum 72:448; var. gaultherioides 72:450; var. langeanum 72:448; var. pedris 72:450; var. pubescens 72:448; vacillans 57:315; 69:59; 73:495; vitis-idaea 53:60, 244-245; 55:295; 62:262; 64:341; 65:286; 74:365, 367, 370, 374; subsp. minus 54:40; 55:251; 62:276; var. minus 55:183; 65:93; 72:523; 75:320
- Vachellia farnesiana 67:332; 69:408
- Vagnera stellata 63:308
- Vaillantia 52:223
- Valantia 52:223-224

- Valeriana capitata* 65:221; *pauciflora* 51:118; 75:404; *septentrionalis* 53:7
Valerianella bushii 54:129; *chenopodiifolia* 69:453; *chenopodiifolia* 69:453; *intermedia* 54:178; *locusta* 54:178; *longiflora* 54:129; 59:40; *olitoria* 54:178; 55:160; *patellaria* 54:179; *radiata* var. *fernaldii* 54:179
Valerianoides cayennense 67:350; *jamaicense* 67:350; 69:439; *strigosum* 67:350
Vallisneria americana 67:196; 70:171; 71:418 (pl. 1424), 419; 74:133
Valota eggersii 67:318; *insularis* 67:318
Valsa pulviniceps 71:194-195
Vandellia diffusa 67:351
Vanilla 53:248; *barbellata* 58:291; *dilloniana* 58:291; 67:325; *eggersii* 67:325
Varronia angustifolia 67:348; *bahamensis* 67:348; *bellonis* 67:348; *corymbosa* 67:348; 69:437; *globosa* 67:348; *lima* 67:348; *lucayana* 66:8; *rupicola* 67:348
Vasquezia depauperata 66:308
Vaucheria 70:274; *arcassonensis* 70:274, 275 (figs. 2-3), 276; 73:286; 74:484; *aversa* 58:124; *compacta* 60:283, 285 (figs. 3-8), 286-288; 70:274, 276-277; 73:240, 286; var. *koksoakensis* 60:285 (figs. 9-12), 286-288, 329; 70:275 (figs. 4-8), 276-277; 74:486; *coronata* 70:274; *crenulata* 56:42; *dichotoma* 60:287; f. *marina* 60:287; *geminata* 73:65; var. *racemosa* 58:124; *intermedia* 60:284; 70:274, 275 (fig. 1), 276; 73:286; 74:482, 484-485; *litorea* 70:274; *minuta* 60:284; 70:274; *ornithocephala* 64:57; *piloboloides* 70:274; var. *compacta* 70:277; *sessilis* 64:57; sp. 63:279; 72:317; 75:59-62; *sphaerospora* 60:283-284, 285 (figs. 1-2), 287-288; *submarina* 60:285 (figs. 13-17), 287-288; *terrestris* var. *crenulata* 56:42; *thuretii* 70:274; *vipera* 70:274
Vaucheriaceae 63:279
Velezia 52:233; *rigida* 52:244
Venturia rhododendri 71:201
Veratrum album subsp. *oxysepalum* 71:505; *viride* 53:9, 81, 85; 65:312
Verbascum blattaria 59:182; 67:197; f. *albiflorum* 55:225; var. *albiflorum* 51:27; *nigrum* 55:348; *thapsus* 59:182; 60:66; 71:27; 72:524; *virgatum* 53:270; 59:182; 60:24
Verbena 69:439; 75:400; *ambrosifolia* 56:207; f. *eglandulosa* 51:27; *binatifida* 75:400; *bonariensis* 51:20, 27; 66:379; 67:349; 71:218; 72:393; *brasiliensis* 60:22; 71:218; *canadensis* 64:91; f. *candidissima* 57:316; var. *candidissima* 57:316; *caroliniana* 73:496; *chamaedrifolia* 69:439; \times *engelmannii* 60:22; *hastata* 72:524; \times *urticifolia* 60:22; 74:150; \times *hybrida* 60:22; *plicata* 52:20, 38; 56:209; *rigida* 60:22; *scabra* 57:288; *stricta* 55:225; f. *roseiflora* 61:26; *tenuisecta* 67:349; *urticifolia* 60:68
Verbenaceae 63:211; 66:14; 67:349; 69:395, 438; 71:33; 72:33; 73:48, 50; 75:420
Verbesina 69:450; 70:95-96, 99; 74:92; 75:172; sect. *Lipactinia* 70:95; sect. *Ochractinia* 70:100; sect. *Pterophyton* 65:238; 70:96-100; sect. *Saubenetia* 70:100; sect. *Sonoricola* 70:100; sect. *Verbesinaria* 70:97-100; sect. *Ximenesia* 70:100; *alata* 67:355; 69:450; *alba* 69:376; *alternifolia* 70:96, 98-102; \times *aristata* 70:98, 101-102; \times *occidentalis* 70:101; \times *virginica* 70:101; \times *warei* 70:101; *aristata* 70:96-102; \times *alternifolia* 70:101; \times *occidentalis* 70:97, 102; \times *rothrockii* 70:101; \times *virginica* 70:101; \times *warei* 70:101; *callilepis* 65:229, 232 (fig. 25), 237; *chapmanii* 74:100; *crocata* 64:267; *encalioides* 60:29; 67:355; 70:100-101; 72:396; \times *oligocephala* 70:101; \times *virginica* 70:101; *glabrata* 70:239; *heterophylla* 74:98-99; *hypargyrea* 64:267; *hypomalaca* 63:123 (fig. 14), 124, 128; *lindenii* 70:96, 100; *longifolia* 70:96, 98-102; \times *rothrockii* 70:101; *occidentalis* 70:96-98, 100-102; \times *alternifolia* 70:101; \times *virginica* 70:101; *oligocephala* 70:96, 100-101; \times *encalioides* 70:101; \times *rothrockii* 70:101; *pauciflora* 74:99-100; *rothrockii* 70:96-102; \times *aristata* 70:101; \times *encalioides* 70:101; \times *longifolia* 70:98, 101-102; \times *occidentalis* 70:101; \times *warei* 70:101; *seatonii* 64:267; *serrata* 63:123 (fig. 15), 128; 70:96, 100; *tetraptera* 65:229; *virginica* 70:96, 100-101; var. *laciniata* 57:289; \times *encalioides* 70:101; \times *occidentalis* 70:101; \times *oligocephala* 70:101; *warei* 70:96-98, 100, 102; 74:98-100; \times *alternifolia* 70:101; \times *aristata* 70:101-102; \times *occidentalis* 70:98, 101-102; \times *rothrockii* 70:101; \times *virginica* 70:101
Vernonia 59:23; 66:382; 68:49; 69:450; 70:229, 486; 72:145-146, 155;

75:517-518, 519 (figs. 1-2), 522-524, 525 (fig. 3), 526-527; gr. *Angustifoliae* 66:384, 389, 393; gr. *Fasciculatae* 75:522; gr. *Paniculatae verae* 75:518, 522; gr. *Pulchellae* 66:384; gr. *Scaberrimae* 66:384; subsect. *Paniculatae verae* 75:518; *acaulis* 66:386; 68:50; 72:145-147, 148 (fig. 1, map), 149-151, 159, 161-162; 75:519, 523, 525 (fig. 3); *albicaulis* 69:450; *altissima* 66:386, 398; 68:51; 70:486, 487 (fig. 1), 488 (fig. 2), 489-490; 71:34; 72:161; var. *taeniotricha* 54:213; \times *angustifolia* 70:487 (fig. 1); \times *angustifolia* var. *mohrii* 66:399; *angustifolia* 66:383, 386-389, 393-394, 395 (fig. 2), 396-397; 68:51; 70:486, 487 (fig. 1), 488 (fig. 2), 489-490; 72:146, 148-150, 161-162; 73:497; 75:519, 523-524, 525 (fig. 3); var. *angustifolia* 66:386, 388-389, 392 (fig. 1), 395 (fig. 2, map), 396-398; 68:51; var. *mohrii* 66:387-389, 392 (fig. 1), 395 (fig. 2, map), 396-398; 68:51; var. *pumila* 66:383, 394; var. *scaberrima* 66:383, 387-389, 392 (fig. 1), 395 (fig. 2, map), 396-399; 68:51; var. *texana* 66:383; \times *missurica* 66:395 (fig. 2, map); *anthelmintica* 68:51; *arkansana* 75:519, 523-524, 525 (fig. 3); *baldwinii* 68:49, 51; subsp. *baldwinii* 75:519, 520 (fig. 1F), 523, 525 (fig. 3), 526-527; subsp. *interior* 75:519, 520 (fig. 1E), 523, 525 (fig. 3), 526; var. *interior* f. *alba* 52:175; *blodgettii* 66:383, 385, 389, 391, 392 (fig. 1), 393, 395 (fig. 2, map); 68:51; 75:519, 523, 525 (fig. 3), 526; *brevifolia* 66:383, 397; *cinerea* 68:49, 51; 69:450; 73:49; *cognata* 70:235; *colorata* 68:51; *concinna* 66:384, 386, 389, 400; \times *concinna* 66:389, 393, 395 (fig. 2, map), 400; 68:51; *conferta* 68:51; *crinita* 59:119; 63:21; *diffusa* 70:235; *dissimilis* 66:384, 386, 389, 399; \times *dissimilis* 66:389, 393, 395 (fig. 2, map), 399; 68:51; *ervendbergii* 75:519, 523-524, 525 (fig. 3); *fasciculata* 66:383, 396; 70:486; 75:519, 522-524, 525 (fig. 3); *flaccidifolia* 72:152; 75:519, 522-523, 525 (fig. 3); *georgiana* 72:146; *gigantea* 75:519, 523-524, 525 (fig. 3); *glabra* 68:51; *glauca* 72:145, 147-150, 151 (fig. 2, map), 152, 159-162; 75:519, 523, 525 (fig. 3); f. *longiaristata* 72:147, 150, 152; *graminifolia* 66:383, 396; *granienifolia* 66:383, 396; *greggii* 68:51; 75:519, 523-524, 525 (fig. 3);

guadalupensis 68:51; *guineensis* 68:51; *harperi* 72:147, 154-156; *illinoensis* 58:229; \times *illinoensis* 70:486; *interior* 68:51; *karwinskiana* 64:262; 68:51; *kotschiana* 68:51; *larsenii* 75:519; 522-523, 525 (fig. 3); *lettermannii* 75:519, 523, 525 (fig. 3); *lindheimeri* 68:51; 75:519, 522-523, 525 (fig. 3); *marginata* 68:51; 75:519, 520 (figs. 1B-1D), 522-524, 525 (fig. 3); *missurica* 59:23-24; 60:320; 66:386, 395 (fig. 2), 398; 70:486; 75:519, 520 (fig. 1A), 523, 525 (fig. 3), 526; f. *swinkii* 59:24; *noveboracensis* 52:297; 59:264; 66:379, 383, 386, 391; 68:52; 72:145-152, 153 (fig. 3, map), 155-156, 157 (fig. 4), 158 (fig. 5), 160, 162; 75:519, 523-524, 525 (fig. 3); f. *albiflora* 72:154; f. *lilacina* 72:154; var. *latifolia* 72:147, 150, 154; var. *praealta* 72:154; var. *tomentosa* 72:147, 150, 154; *nudiflora* 68:52; *oligophylla* 72:146, 148; *ovalifolia* 66:386, 398; 68:52; \times *angustifolia* var. *mohrii* 66:400; *perottetii* 68:52; *platensis* 68:52; *polyanthes* 70:230 (fig. 1), 235; *praealta* 72:146, 154; *primulina* 68:52; *pulchella* 66:383-385, 389, 392 (fig. 1), 393, 395 (fig. 2, map), 397-399; 68:52; 75:519, 523, 525 (fig. 3); \times *angustifolia* var. *scaberrima* 66:399; *pumila* 66:384; *recurva* 66:384-385, 389, 399; \times *recurva* 66:389, 393, 395 (fig. 2, map), 398-399; 68:52; *rugeliana* 72:147, 154; *scaberrima* 66:383-386, 389, 397; var. *pulchella* 66:398; *schaffneri* 75:519, 523-524, 525 (fig. 3); *scirpoides* 70:235; *sericea* 69:450; *texana* 51:20, 28; 66:383; 68:52; 73:497; 75:519, 523-524, 525 (fig. 3); *tomentosa* 72:147, 154; *vulturina* 56:25

Veronica 51:38; *americana* 55:189; *anagallis-aquatica* 75:402; f. *anagallidiformis* 69:455; f. *anagalliformis* 69:455; *arvensis* 55:225; 57:321; 73:340, 525; *barbinervis* 74:513; *biloba* 58:44; *campylopoda* 58:44; *chacalana* 74:513; *chamaedrys* 51:149; *didyma* 57:317, 320; *filiformis* 51:365; *hederaefolia* 69:453; 72:283; *hederifolia* 69:453; *humifusa* 55:189; *longifolia* 59:7, 32; *officinalis* 51:111; 72:525; *palmeri* 74:513; *peregrina* 51:111; 56:250; 63:45; var. *peregrina* 69:33; var. *xalapensis* 55:189; 72:525; *persica* 64:154, 159 (fig. 47); *polita* 54:129; 57:320; *scutellata* 55:189; 73:260; f. *villosa* 53:159; var. *vil-*

- losa 55:189; serpyllifolia 52:297;
 60:66; 72:525; var. borealis 56:250;
 tenella 55:189; 56:250; triflosculosa
 74:513-514
Veronicastrum virginicum 74:394
Verticillium sp. 73:308
Vesicaria arctica 54:216; *argentea* 62:
 14; *argyrea* 62:14; *auriculata* 57:
 260; *brevistyla* 57:262; *globosa* 54:
 191; *grandifolia* 57:262; var. *pin-*
natifida 57:262, 264; *lasiocarpa* 57:
 244; 74:77; *lescurei* 54:186; *shortii*
 54:191
Vetiveria zizanioides 67:318
Vexibia 70:521; *sericea* 70:523
Vexillifera 70:515; *micranthera* 70:
 515
Vibexia 70:521; *sericea* 70:523
Viburnum 53:277-278; 71:554; 75:
 120-121; *acerifolium* 54:64; *affine*
 var. "hypoleucum" 52:172; var.
hypomalacum 52:172; 55:193; *alni-*
folium 61:23; 63:66, 68; 65:23; 72:
 281; *bitchiense* 52:297; *cassinoides*
 52:179-182; 53:5, 277-279; 59:122;
 63:66, 68; 65:23, 94; 66:379; 67:
 373; 72:281, 526; *corybosum* 52:
 179-180, 182-183; *dentatum* 52:172;
 54:213; 70:288-289; 71:27, 560;
edule 55:193; 65:338; *lantana* 59:
 32; 61:26; *lentago* 56:228; *nudum*
 71:33; var. *cassinoides* 52:182; *obo-*
vatum 52:179-182; *opulus* 57:268;
 var. *americanum* 55:194; *pauci-*
florum 55:193; *pyrifolium* 52:182;
rafinesquianum 55:193; *recognitum*
 54:213, 307; 63:66; 70:288-289; 71:
 561; 72:526; var. *recognitum* 70:
 288; *reticulatum* 71:555; *trilobum*
 55:194; *venosum* 72:340; *weber-*
baueri 71:555, 557, 559; *wurdackii*
 71:554-555, 556 (fig.), 557, 558
 (pl. 1428), 559
Vicia 51:198; 70:496; *acutifolia* 57:
 286; 60:256, 257 (figs. 1-2), 258;
americana 55:170; 70:43; var. *trun-*
cata 55:170; *angustifolia* 51:111;
 64:346; 71:522; var. *segetalis* 72:
 520; *benghalensis* 51:198; 58:2;
cracca 55:160; 75:315; 58:247; 60:
 65; 64:346; 71:522; 72:520; 75:319;
dasycarpa 54:209, 213; 59:30; 62:
 94; *floridana* 60:256, 257 (figs. 5-6),
 258; *gerhardi* 51:198; *hirsuta* 53:22;
littoralis 51:379; *ludoviciana* 62:93;
ocalensis 60:256, 275 (figs. 3-4),
 258; *sativa* var. *angustifolia* 51:
 111; *tetrasperma* 51:111
Vigna 69:415; *antillana* 69:415; *lute-*
ola 67:335; 69:415; *peduncularis* 67:
 335; *repens* 57:279, 286; 67:335;
 69:415; *sinensis* 57:266; *unguiculata*
 69:415
Viguiera blakei 74:514; *dentata* 64:
 256; *grammatoglossa* 64:267; *hem-*
sleyana 64:275; *longifolia* 64:256,
 267; *multiflora* 64:256; 74:109;
porteri 70:394; 75:408; *puruana* 74:
 514; *stenoloba* 63:128
Vilfa drummondii 56:26; *macra* 56:
 29; *tenacissima* var. *sucicolor* 52:
 126; *vaginiflora* 68:447-448
Villanova achillaeoides 74:203; *biter-*
nata 66:203; *chrysanthemoides* 66:
 190; *dissecta* 66:190
Villarsia aquatica 64:90
Vinca minor 52:296; 55:225; *rosea*
 69:434
Vincetoxicum acanthocarpus 70:37;
astephanoides 62:238; *sintenisii* 67:
 347; *stephanotrichum* 67:346; *varii-*
folium 67:346
Viola 51:51; 53:62, 103; 54:140; 71:
 563; 72:535; 75:513; sect. *Melanium*
 66:32, 43-44; sect. *Nomimium* 66:
 33; sect. *Plagiostigma* 66:33; sect.
Uncinatae 66:33; *acuta* 51:54;
adunca 51:57; 55:175; f. *glabra* 51:
 57; var. *glabra* 51:57; 53:11; 55:
 175; var. *minor* 51:57; 53:12; 55:
 80, 175; *affinis* 66:379; *arvensis* 66:
 34-36, 38-44; 71:171; *aurea* 65:49;
 × *bernardi* 63:43; *bicolor* 63:327,
 329, 334; 66:34-37; *biflora* 71:506;
blanda 72:522; *brainerdii* 75:513;
brittoniana 59:264; *canadensis* 51:
 52, 56-57, 167, (pl. 1133); 56:2, 203;
 65:49; *charlestonensis* 65:49; *cucul-*
lata 51:57; 55:174; 72:522; 75:319;
 f. *albiflora* 60:68; f. *prionosepala* 55:
 174; var. *microtitis* 65:93; *debilis*
 51:57; 55:13; *eriocarpa* 61:219-220;
 73:553; *eugeniae* 66:43-44; *fimbria-*
tula 51:56; 52:296; 72:522; f. *um-*
belliflora 51:56-57, (pl. 1136);
floridana 54:174; *hastata* 51:52-53,
 (pl. 1133); 73:248; β 51:52; var.
glaberrima 51:52; *incognita* 51:167;
 55:174-175; 63:44; 67:402; var.
forbesii 65:93; 72:522; var. *incog-*
nita 65:93; 72:522; *kitaibeliana* 63:
 327-329, 331-334; 66:34, 37-41, 43-
 44; *nana* 66:41; var. *machadiana*
 63:332; var. *nana* 66:41; var.
rafinesquii 63:327; 66:37; *labra-*
dorica 51:57; *lanceolata* 51:53-55,
 57, (pl. 1134); 66:61, 149, 379; 71:
 20, 26, 33; 72:522; 73:529; var. *vit-*
tata 51:54-55, 57, (pl. 1134); *mack-*
loskii subsp. *pallens* 65:93; 71:522;
melissaefolia 69:453; *melissifolia*
 69:453; *mirabilis* 66:33, 44; *muhlen-*
bergiana β *minor* 51:57; *nephro-*

- phylla 53:7; 63:43; 65:49; novae-angliae 53:8; nuttallii 65:49; odorata 66:33; pallens 51:53; 55:174; 72:522; 75:319; palmata 51:108, 111; palustris 51:53, 167; 55:46; 65:49; f. albiflora 51:53; papilionacea 54:27; 60:70; 63:43; var. albiflora 69:33; pedata 74:293; ranunculifolia 51:56; var. lineariloba 51:56; f. cuneatiloba 51:56-57, (pl. 1136); f. ranunculifolia 51:56-57, (pl. 1136); pedatifida 65:49; pennsylvanica 55:225; 61:219-220; var. leiocarpa 51:167; 53:7; 55:175, 225, 275; 63:295; var. pennsylvanica 66:312; primulifolia 51:53-54, 57, (pl. 1135); 71:33; f. subcordata 51:54; var. acuta 51:54, 57, (pl. 1135); 72:522; pseudogracilis 66:43-44; pubescens 61:219-220; 65:78; 73:553; var. eriocarpa 73:553; rafinesquii 63:327-334; 65:49, 273; 66:32-33, 36-44; ranunculifolia 51:56-57, (pl. 1136); renifolia 53:7; 55:46, 175; 63:295; var. brainerdii 55:175; reptabunda 51:54, 57, (pl. 1135); rothomagensis 63:43-44; rotundifolia 61:23; 63:295; rugulosa 51:52, 56-57, 167, (pl. 1133); rydbergii 51:52, 57, (pl. 1133); sarmentosa 63:43; selkirkii 53:7; 55:53, 174; 63:295; septentrionalis 65:93; 72:522; 75:319; sororia f. beckwithae 55:160; tenella 66:34, 36; tidestromii 59:166; tricolor 55:47, 175; 63:327; 66:34-42, 44; var. arvensis 66:36; triloba f. albida 54:256; tripartita 51:52-53; f. glaberrima 51:52-53, 57, (pl. 1133); glaberrima 51:52; umbraticola 65:49; viarum 63:21; vittata 51:54-55, 57, (pl. 1134); walteri 64:152, 157 (fig. 24)
- Violaceae 52:296; 55:174; 63:211; 64:152; 67:341; 71:33, 514; 75:319
- Viorna baldwinii 72:18
- Virgilia bicolor 70:51; fimbriata 70:51; grandiflora 57:291; 58:288; 59:100; 70:51; secundiflora 70:528
- Virola 70:113-122, 127-129, 136-139, 144-145, 147, 333, 335; calophylla 65:115 (fig.); 70:119, 130, 147, 148 (fig.), 150, 333; calophylloides 70:119, 130, 132, 149 (fig.), 150, 333; elongata 70:152; theiodora 70:130, 132, 133 (pl. 1373), 134-135, 140, 141 (pl. 1378), 145 (pl. 1380), 146, 150, 151 (fig.), 152, 332
- Viscaria alpina 52:235; vulgaris 52:235
- Viscum rubrum 65:191; terrestre 52:200
- Vitaceae 52:295; 55:174; 63:211; 67:339; 69:423; 70:410, 415; 71:32; 74:415
- Vitex 69:439; agnus-castus 69:439; divaricata 69:439; negundo var. intermedia 67:350; parviflora 67:359; trifolia var. subtrisecta 73:47
- Vitis 52:225; 53:244; 69:423; aestivalis 51:111; 60:61, 68, 72; 72:339; var. argentifolia 51:111; arizonica 73:388; campestris 57:291; 58:286; 70:51; coignetiae 73:213; cordifolia 73:494, 503, 505, 507, 509, 511, 513; labrusca 52:295; 53:60; lincecumii 63:20; longii 56:208; munsoniana 75:393; mustangensis var. lincecumii 73:494; riparia 52:225; 58:286; 70:52; var. syrticola 57:266; rotundifolia 71:32; vinifera 69:423; 71:171; vulpina 58:286
- Vittaria filifolia 66:114-115; 67:357; gardneriana 66:116; graminifolia 66:114-115; 67:357; latifolia 66:116; lineata 57:276-277, 283; moritziana 66:116; orbignyana 66:116; remota 66:116; ruiziana 66:116-117; stipitata 66:116; vittarioides 66:116
- Vogelia capitata 64:88
- Volkameria aculeata 67:350; 69:438
- Voluntarella muricata 74:339
- Volvocaceae 63:276; 67:252
- Volvocales 67:251
- Volvox 64:58
- Volvulus japonicus var. pubescens 51:73
- Vriesea 71:36, 233, 265; disticha 71:266; heliconioides 71:265-266; heterandra 71:265-266; incurva 71:265; macrostachya 67:323; maxoniana 71:265-266; sintenisii 67:323; 70:417
- Vulpia myuros 53:130
- Wahlbergella angustiflora 52:238; apetala 52:235; β arctica 52:235
- Wahlenbergia californica 65:329; gracilis 60:25
- Waldsteinia fragarioides 69:315, 317
- Wallenia pendula 67:344; yunquensis 67:344
- Waltheria 69:426; americana 57:279, 287; 67:340; 69:426; indica 67:340; 69:426
- Warea 66:18; 75:389; amplexifolia 58:149; 66:18, 20-25; 75:389; auriculata 66:18, 22-23; carteri 66:24-25; cuneifolia 60:16; 66:20-21, 24-25; 75:389; sessilifolia 66:20-25; 75:389
- Warszewiczella flabelliformis 67:327
- Watsonia 75:509

- Wedelia* 69:450; 70:233; 75:173; *brasiliensis* 62:125; 64:257; *calycina* 69:450; *filipes* 64:261 (fig. 22), 267; *minor* 74:175; *ovatifolia* 74:175; *parviceps* 64:267; *parviflora* 69:450; *perfoliata* 74:194; *pilosa* 70:230 (fig. 23), 239; *sp.* 62:124 (fig. 6), 125; *subvelutina* 70:239; *trilobata* 66:15; 69:450
Weigelia 51:6
Weisia controversa 62:155; *microstoma* 62:155; *viridula* 53:124; 62:155
Werneria nubigena 64:272, 273 (fig. 4), 276
Westella linearis 64:57
Wigandia kunthii 63:342-344
Wikstroemia indica 64:278
Windsoria pallida 54:44
Winteraceae 70:427
Winterlia 53:232
Wissadula 69:425; *amplissima* 69:425; *contracta* 67:339
Wisteria 51:222; *frutescens* 64:91; *sinensis* 52:295
Withania 69:83; *melanocystis* 69:98; *sordida* 75:355
Wittmachia lingulata 67:323
Wolffia 70:491; *columbiana* 53:80, 272; 54:137, 306; 59:265; 60:318; 70:491; 73:297; 74:136; *papulifera* 53:24, 92; 54:306; *punctata* 60:318-319; 70:171, 491; 73:297; 74:136
Wolfiella floridana 53:80; 63:20
Woodsia 54:48, 164; 70:346; *× abbeae* 55:81, 97; *alpina* 54:221; 55:53, 79, 96; 58:321, 324; 61:22; 68:411 (fig. 1, map), 416; 70:184; *belli* 54:221; *cathcartiana* 55:53, 97; *glabella* 54:221-222; 55:53, 79, 96; 56:244; 63:181; 68:411 (fig. 1, map), 416; 70:182, 184; *× gracilis* 55:96; *ilvensis* 55:95-97; 57:236; 68:411 (fig. 2, map), 415-416; 70:180-182, 187-188; *var. gracilis* 55:96; *obtusata* 63:40; *oregana* 51:167; 56:208; 63:40; *var. cathcartiana* 63:40; *scopulina* 55:53, 80, 97; 64:210
Woodwardia areolata 57:225, 229 (fig. 32), 235, 237; 60:206; 70:176; *chamissoi* 57:236; *virginica* 51:10; 53:265; 57:225, 229 (figs. 29-31), 234-235, 237
Wulffia 75:173; *baccata* 62:124 (fig. 7), 125; *stenoglossa* 72:98
Wulfschlaegelia aphylla 67:325
Wyethia 75:179
Xanthidium antilopaeum 63:279; 71:462; *var. hebridarum* 69:58; *var. minneapolisense* 63:279; *var. polymazum* 63:279; 64:57; 71:462
Xanthisma 62:62; *texanum* 56:103
Xanthium 69:450; *chinense* 67:354; 69:450; *echinatum* 54:181; 71:19-20, 28; *oviforme* 52:60; *strumarium* 67:354; 69:450
Xanthocephalum 67:182; *alamani* 63:158; *benthamianum* 63:153 (fig. 1, map), 156, 162-163; *bonplandianum* 63:152, 156; 67:184; *centauroides* 62:44; 63:152, 153 (fig. 1, map), 155-156; 67:182, 183 (pl. 1311), 184; *conoideum* 63:161; 74:514-515; *dentatum* 63:156; *dracunculoides* 75:404; *gymnospermoides* 62:47, 49 (fig. 1), 50, 52; 63:153 (fig. 1, map), 156, 158, 163; 64:264; 65:228, 230 (fig. 17), 236; *humile* 63:153 (fig. 1, map), 155, 157; 64:264; 67:182; *linearifolium* 63:153 (fig. 1, map), 154, 156-157, 163; 64:272, 274; *megaloccephalum* 63:153 (fig. 1, map), 155, 163; *sericocarpum* 63:152, 153 (fig. 1, map), 155, 161; 65:228, 230 (fig. 18), 236; 74:514; *suffruticosum* 63:152, 156; *wrightii* 62:49 (fig. 1), 52; 63:153 (fig. 1, map), 154, 156, 160, 163
Xanthocoma dentata 63:156; *humile* 63:152, 155, 157; 67:182, 184
Xanthophyceae 71:463; 72:336, 338; 73:285-286; 74:411; 75:54, 59
Xanthophyta 72:317
Xanthoria candelaria 60:81
Xanthorrhiza simplicissima 62:111, 115
Xanthosoma nigrum 67:323; *violaceum* 67:323
Xanthoxalis corniculata 67:335; 69:415; 73:48
Xenophya branceaefolia 65:69
Xeromphalina kauffmanii 64:133
Xerophyllum asphodeloides 63:308; *tenax* 63:308
Ximenesia encelioides 60:29; 65:229, 232 (fig. 26), 238
Ximenia 71:439, 441, 443; *americana* 67:328; 71:443; *var. americana* 71:439, 440 (fig. 1), 441, 442 (fig. 2), 443; *caffra* 71:443; *var. natalense* 71:441; *encelioides* 67:355
Xiphocarpus 51:233; *candidus* 51:374; *martinicensis* 51:233, 374
Xolisma 66:380; *apiculata* 62:237; *cryptogonia* 62:237; *elongata* 62:237; *longelaminata* 62:237; *orbiculata* 62:237; *pseudotinensis* 62:237; *rubiginosa* 67:344; *stahlii* 67:344; *urbaniana* 62:237
Xylariales 71:200
Xylobium palmifolium 59:251, 288-289; *pickianum* 61:41

- Xylophylla epiphyllanthus* 67:337; 73:49
- Xylosma buxifolium* 67:341; *pachyphyllum* 67:341; *schaefferioides* 67:341; *schwaneckeanum* 67:341
- Xylosphaera dichotoma* 66:15
- Xylothermia* 70:531; *montana* 70:531; subsp. *tomentosa* 70:531
- Xyridaceae* 53:80; 64:148; 67:323; 71:31
- Xyris* sect. *Xyris* 62:295, 299; *ambigua* 62:297, 298 (fig. 4), 300, 302-303, 310, 312 (fig. 22), 315 (fig. 27, map); 66:379; 71:31; *arenicola* 62:304; *baldwiniana* 62:297, 298 (fig. 10), 300, 311, 312 (fig. 23), 313, 315 (fig. 27, map); 71:31; var. *tenuifolia* 62:311, 314; *bayardi* 72:136; *brevifolia* 62:297, 298 (fig. 9), 301, 307-309, 312 (fig. 24), 315 (fig. 27, map); *caroliniana* 51:110; 53:80, 86; 56:226; 62:316-317; 67:323; 71:31; 72:6; 73:256; f. *phyllolepis* 53:80; *communis* 62:316-317; *congdoni* 53:80, 87; *curtissii* 62:97, 310-311, 318; *difformis* 62:297, 301-302, 305, 315 (fig. 27, map), 317-318; 71:31; var. *floridana* 75:381; *drummondii* 62:296-297, 298 (fig. 8), 301, 307, 312 (fig. 25), 315 (fig. 27, map); *elata* 62:316-317; *elliottii* 62:297, 298 (fig. 11), 300, 312 (fig. 26), 315 (fig. 27, map); 64:148, 155 (fig. 2); var. *stenotera* 62:314; *fimbriata* 62:297, 298 (fig. 2), 306 (fig. 16), 315 (fig. 27, map), 316; 66:380; 71:31; 75:381-382; *flabelliformis* 62:297, 298 (fig. 7), 301, 306 (fig. 18), 307-309, 315 (fig. 27, map); *flexuosa* 62:295, 298 (fig. 1), 306 (fig. 20), 315 (fig. 27, map); 71:31; *gelatinosa* 56:256; *iridifolia* 62:297, 298 (fig. 3), 301, 303, 306 (fig. 15), 309-310, 315 (fig. 27, map); 71:31; 75:382; *jupicai* 62:296, 298 (fig. 13), 306 (fig. 19), 315 (fig. 27, map), 316-318; 67:323; 75:382; *longisepala* 75:369, 382; *montana* 53:80, 88; 67:376; 71:173; 73:256; *neglecta* 66:380; *pallescens* 62:305; *platylepis* 62:297, 298 (fig. 6), 300, 302, 305, 306 (fig. 21), 315 (fig. 27, map); 66:380; 75:382; *scabrifolia* 62:296-297, 298 (fig. 5), 300, 302, 315 (fig. 27, map); *serotina* 62:297, 298 (fig. 12), 306 (fig. 17), 310-311, 315 (fig. 27, map), 318; var. *curtissii* 62:297, 301, 310; var. *serotina* 62:301; *smalliana* 62:297, 298 (fig. 14), 301, 309, 314, 315 (fig. 27, map), 316; 63:205; 75:382; *stricta* 62:302-303; *tenuifolia* 62:311; *torta* 53:80, 87; 62:304; 64:149, 155 (fig. 3); 66:379; 72:6, 79
- Youngia japonica* 64:231; 75:423
- Yucca aloifolia* 57:281, 285; 67:313; 70:225; 71:48; *angustifolia* 57:293; 58:287; 70:52; *filamentosa* 63:309; *glauca* 56:208; 57:291, 293; 58:287; 70:52; *gloriosa* 70:52, 225; *mohavensis* 56:(pl. 1199); *smalliana* 53:81, 88; 63:309
- Yuyba dakamana* 65:259; *essequibonensis* 65:259; *gleasonii* 65:259; *schultesii* 65:259; *stahelii* 65:259; *trinitensis* 65:259
- Zaluzania coulteri* 63:123 (fig. 16), 124, 128
- Zamia floridana* 71:441
- Zannichellia palustris* 68:222; var. *major* 54:202
- Zannichelliaceae* 67:317
- Zanthoxylum* 69:394, 417; *americanum* 69:458; *anadenium* 62:236; *azuense* 62:236; *bifoliolatum* 69:374; 75:417; *carolinianum* var. *fruticosum* 69:481; *clava-herculis* 57:286; 69:482; 70:225; var. *fruticosum* 69:482; *domingense* 62:236; *fagara* 57:277, 286; 66:13; *furcyense* 62:236; *haitiense* 62:236; *hirsutum* 69:481-482; *lenticellosum* 62:237; *leonardi* 62:237; *martinicense* 69:417; *nigrescens* 62:237; *obcordatum* 62:237; *obtriangulare* 62:237; sp. 69:417; *tetraphyllum* 62:237
- Zanthysis* 70:521-522; *paniculata* 70:521, 526
- Zarabellia rhomboidea* 74:12, 162
- Zea mays* 51:8; 64:136, 338; 68:167
- Zebrina leiandra* 72:265; *pumila* 61:137-139
- Zelkova cretica* 53:277
- Zenobia cassinefolia* 69:453; 72:56; *cassinifolia* 69:453; *pulverulenta* 72:56
- Zephyranthes grandiflora* 67:324; *puertoricensis* 67:324; *pulchella* 63:215 (fig. 1), 216; *refugiensis* 63:214, 215 (fig. 1), 216; *rosea* 67:324
- Zerna inermis* 52:210
- Zeugites* 68:102, 234; *mexicana* 68:234; var. *glandulosa* 68:234
- Zeuxine strateumatica* 53:248; 57:285
- Zexmenia aurea* 64:261 (fig. 23), 268; *costaricensis* 64:261 (fig. 24), 268; *frutescens* 64:257; *palmeri* 65:229, 238; *pringlei* 64:261 (fig. 25), 268; *virgulata* 64:261 (fig. 26), 268

- Zigadenus densus* 71:32; *elegans* 70:210; *glaberrimus* 71:32; *glaucus* 53:11, 81
Zingiber officinalis 67:324; *zingiber* 67:324
 Zingiberaceae 67:324; 70:412-413
Zinnia 68:215; *angustifolia* 63:123 (fig. 17), 128; 64:254, 265; *bicolor* 74:515; *elegans* 64:265; 74:515-516; *grandiflora* 56:208; *leucoglossa* 64:265; *maritima* 64:254, 260 (fig. 11), 265; 68:215; *peruviana* 64:265; 67:355; *purpusii* 68:215; *tenella* 64:266; 74:515; *violacea* 74:515-516
Zizania aquatica 51:125-126; 52:34; 53:60; 54:290; 58:76; 60:42; 75:54, 57, 61; var. *angustifolia* 52:34; 53:267; 55:126; 67:195; var. *aquatica* 65:76; var. *interior* 52:34; 53:267; *interior* 67:11
Zizaniopsis miliacea 55:15; 64:283-284
Zizia aptera 55:178, 238; *aurea* 53:269
Ziziphus 69:423; *jujuba* 67:339; *mauritiana* 67:339; *reticulata* 67:339; 69:423; *rignonii* 67:339; 69:423; *taylori* 67:339
Zoegea 62:44
Zollernia 68:430 (fig. 1), 431
Zombia antillarum var. *gonzalezii* 62:236
Zoochlorella 51:4; *conductrix* 51:4; *parasitica* 51:4-5
Zornia bracteata 64:90; *diphylla* 67:333; *gemella* 67:334; *reticulata* 67:333
Zostera 72:207, 211, 219, 226; 75:270, 488-489, 546, 549, 580; *marina* 54:203; 71:115, 125, 134, 526-528; 72:209, 318, 321, 325; 75:488; var. *stenophylla* 65:76; 72:195, 509; 75:314
 Zosteraceae 55:116; 75:314
Zuckertia 69:242
Zygadenus (see *Zigadenus*)
Zygnema cyanosporum 58:124; *decussatum* 58:124; *insigne* 56:42; 58:124; 64:57; var. *confusospora* 56:42; *novae-caesareae* 56:41-42; *pectinatum* 58:124; sp. 63:278
 Zygnemataceae 63:278; 75:261
 Zygnematales 67:252
Zygnemopsis desmidioides 63:278
Zygogonium ericetorum 56:42; 58:124;
 Zygomphaceae 69:415, 455
Zygostigma australe 57:103
Zyzygium grande 69:375

PART II. INDEX TO AUTHORS AND TITLES

- AASE, HANNAH C.**
(OWNBEY, MARION and —), *Allium speculae*, a new species of the *Allium canadense* alliance from Alabama, 61:70-72.
- ABBE, ERNST C.**
(BUTTERS, FRED K. and —), A floristic study of Cook County, Northeastern Minnesota, 55: 21-55, 63-101, 116-154, 161-201, 3 figs., pls. 1190-1192.
Carex aenea Fernald (typical) in Cook County, Minnesota, 56: 231-232.
- Abies and Cedrus intact for study and storage**, A new method for maintaining the cones of, 68:516.
- Abies balsamea**, Variation in cone morphology of Balsam Fir, 70:83.
- ABRAHAMSON, WARREN G.**
(—and SOLBRIG, OTTO I.), Soil preferences and variation in flavonoid pigments in species of *Aster*, 72:251-263, 1 fig.
- Acacia confusa** Merrill, The extraordinary funiculus of, 56:229.
- (Acanthaceae), A synopsis of the genus *Suessenguthia*, 72:119.
- (Acanthaceae) in Southern Florida, Observations regarding the occurrence and relationships of *Ruellia lorentziana*, 68:432.
- Acanthaceae**, *Sanchezia* and related American, 66:313.
- (Acanthaceae), Some observations on flowering in *Ruellia*, 64:200.
- Acanthospermum** (Compositae-Heliantheae-Melampodineae): taxonomic changes and generic affinities, The genus, 72:106.
- Acetate in the herbarium**, Uses of cellulose, 54:286.
- Acetate plastic**, Biometric and taxonomic uses of cellulose, 70:552.
- Achillea in Pennsylvania**, A cytotoxic study of the genus, 60:7.
- (Acrochaetiaceae, Rhodophyta) in Northeastern United States, The morphology and systematics of the *Audouinella* complex, 75:529.
- ADAMS, FRANKLIN S.**
Winterbud production and function in *Brasenia schreberi*, 71: 417-433, 2 figs, pls. 1424-1426.
- ADAMS, WILLIAM PRESTON**
A revision of the genus *Ascyrum* (Hypericaceae), 59:73-95, 25 figs.
The status of *Hypericum prolificum*, 61:249-251.
(— and ROBSON, NORMAN K. B.), A re-evaluation of the generic status of *Ascyrum* and *Crookea* (Guttiferae), 63:10-16.
(— and GODFREY, R. K.), Observations on the *Sagittaria subulata* complex, 63:247-266, 17 figs.
Studies in the Guttiferae, II. Taxonomic and distributional observations on North American taxa, 64:231-242.
Studies in the Guttiferae, III. An evaluation of some putative spontaneous garden hybrids in *Hypericum* sect. *Myriandra*, 74:276-282.
- Adiantum capillus-veneris** in the United States, 52:201.
- Aeration on the longevity of Laminaria**, The effects of forced, 54:288.
- Aesculus neglecta**, The status of Lindley's, 62:127.
- Aesculus**, Studies in the Hippocastanaceae, I. Variation within the mature fruit of, 57:37.
- Aesculus**, Studies in the Hippocastanaceae, IV. Hybridization in, 59:185.
- Aganippea bellidiflora** (Compositae-Heliantheae), The status of, 66:156.
- Agropyron hybrids and the status of Agropyron pseudorepens**, 64:143.
- Agropyron pseudorepens**, *Agropyron* hybrids and the status of, 64:143.
- Agrostis and Convolvulus**, Errors of citation in, 51:192.
- AHLES, HARRY A.**
(—, BELL, C. RITCHIE and RADFORD, ALBERT E.), Species new to the flora of North or South Carolina, 60:10-32.
- AHMADJIAN, VERNON**
The fruticose and foliose Lichens of Worcester County, Massachusetts, 60:74-86.
- Alabama**, *Allium ampeloprasum* in, 70:303.
- Alabama**, *Allium speculae*, a new species of the *Allium canadense* alliance from, 61:70.
- Alabama and Middle Tennessee**, Some notes on the flora of the Southern States, particularly, 75:366.
- Alabama**, *Petalostemon foliosus* in, 69:383.

- Alaska, A history of *Tillaea aquatica* (Crassulaceae) in Canada and, 56:96.
- Alaska: a new \times Elyhordeum and comments, Hybridization within the Triticeae of, 70:467.
- Alaska, A new *Elymus* from, 58:144.
- Alaska, Additions to the flora of Saint Lawrence Island, 71:502.
- Alaska, An annotated list of vascular plants from Cape Sabine, 65:208.
- Alaska and neighboring territories: a manual of the vascular plants, Flora of, [Review], 71:104.
- Alaska, *Cochlearia officinalis arctica* in the vicinity of Point Barrow, 54:40.
- Alaska, Contributions to the flora of Alaska No. 2. Some new entities in the flora of the Brooks Range region, 54:35.
- Alaska, *Juncus slwookoörum*, a new species from arctic, 72:486.
- Alaska, New record for the Yellow Lady's Slipper Orchid, *Cypripedium calceolus* L. subsp. *parviflorum* (Salisb.) Hult., from, 75:491.
- Alaska No. 2, Some new entities in the flora of the Brooks Range region, Alaska, Contributions to the flora of, 54:35.
- Alaska, Plants from the vicinity of Fairbanks, 53:156.
- Alaskan species of *Erigeron* L. (Compositae), A new, 75:116.
- Alchemilla alpina* in Colorado, 52:47.
- Alcohol in plant-collecting, A substitute for formaldehyde and, 52:123.
- Alga from Massachusetts, A rare blue-green, 66:163.
- Algae and vascular plants of the lower Merrimack River and adjacent shoreline, Benthic, 75:52.
- Algae at Ipswich, Massachusetts, Benthic salt marsh, 73:262.
- Algae at Ipswich, Massachusetts I. Zonation and distribution of algal species. The ecology of benthic salt-marsh, 74:475.
- Algae, Flora of the Wolf Islands, Part III. The marine, 72:115.
- Algae from New Jersey, Three interesting, 56:41.
- Algae from selected areas in Massachusetts, A list of, 63:275.
- Algae, Non-additive cultures for, 73:62.
- Algae of Campobello Island, New Brunswick, Canada, A preliminary checklist of the marine, 72:313.
- Algae of forty ponds under construction at Ithaca, New York, Soil, 67:242.
- Algae of Kent Island, Bay of Fundy, On the marine, 74:264.
- Algae of Lake Quinsigamond, A survey of the, 64:49.
- Algae of Newfoundland, Contributions to the marine, 71:110.
- Algae of the Chesapeake Bay region, A preliminary investigation of the benthonic marine, 71:524.
- Algae of the Maritime Provinces, A catalogue of fresh-water, [Review], 53:182.
- Algae of Virginia and Maryland including the Chesapeake Bay area, The marine, 75:258.
- Algae III: composition, seasonal occurrence and reproductive periodicity of the marine Rhodophyceae of New Hampshire, Investigations of New England marine, 72:194.
- Algae V. The algal vegetation of the Hampton-Seabrook Estuary and the open coast near Hampton, New Hampshire, Investigations of New England marine, 74:406.
- Algal invaders of the northeastern fringes of the Sargasso Sea, Some, 74:295.
- Algal flora of New Hampshire, *Lomentaria clavellosa* (Turner) Gailon: an addition to the marine, 74:158.
- Algal species, The ecology of benthic salt-marsh algae at Ipswich, Massachusetts I. Zonation and distribution of, 74:475.
- Algal vegetation of the Hampton-Seabrook estuary and the open coast, near Hampton, New Hampshire, Investigations of New England Marine Algae V., The, 74:406.
- Alisma gramineum* in Vermont, 70:577.
- Alisma subcordatum* Raf., The aquatic form of, 64:227.
- Allium ampeloprasum* in Alabama, 70:303.
- Allium ampeloprasum* in Mississippi, 69:61.
- Allium canadense* alliance from Alabama, *Allium speculae*, a new species of the, 61:70.
- Allium speculae*, a new species of the *Allium canadense* alliance from Alabama, 61:70.
- Allium tricoccum* Ait., var. *burdickii*, var. nov., 55:243.
- Alnus rugosa*, Introgression of *Alnus serrulata* and, 63:297.
- Alnus serrulata* and *Alnus rugosa*, Introgression of, 63:297.

- Alpine zone of the Presidential Range, [Review], 65:337.
- Alps, Flora and vegetation of the, [Review], 61:150.
- Alsophila, New taxa in the genus, 69:65.
- Alsophila swartziana (Cyatheaceae), The complex, 71:7.
- ALSTON, A. H. G.
(— and SCHULTES, RICHARD EVANS), Studies of early specimens and reports of *Ilex vomitoria*, 53:273-279, pl. 1181.
- Alternanthera in Virginia, 59:239.
- Alyssum (Cruciferae) introduced in North America, 70:298.
- Amazon, De plantis toxicariis a mundo Nova tropicale commentationes II. The vegetal ingredients of the Myristicaceous snuffs on the Northwest, 70:113.
- Amazon explorations on modern phytochemical research, Some impacts of Spruce's, 70:313.
- Ambrosia artemisiifolia \times trifida, The hybrid Ragweed, 60:309.
- (Ambrosia) in Michigan, with the description of a new intermediate taxon, Perennial Ragweeds, 60:177.
- Amelanchier, A southern, 52:67.
- Amelanchier from eastern Canada, A new, 59:119.
- America, *Arenaria rossii* and some of its relatives in, 60:44.
- America, *Betula michauxii* Spach in northeastern, 52:27.
- America, *Diplacrum africanum* newly found in tropical, 73:159.
- America,¹ *Spergula morisonii* in, 68:520.
- American¹ Acanthaceae, *Sanchezia* and related, 66:313.
- American barbistyled species of *Tephrosia* (Leguminosae), The, 51:193, 233, 305, 369.
- American botany, *Correa da Serra* and, [Review], 58:45
- American botany, Humboldt and, [Review], 58:191.
- American botany, The coming of age of, [Review], 62:85.
- American Cruciferae of Sessé and Mociño, The, 62:11.
- American Cyatheaceae, Taxonomic fern notes VI — New species of, 74:441.
- American farinose *Primulas* with comments on their taxonomy, Chromosome numbers in some, 62:31.
- ¹See also entries under North America and South America, North American and South American.
- American forms of *Stellaria alsine*, Our, 52:250.
- American nut trees, [Review], 71:561.
- American plants, Studies of eastern, 51:43, 51, 61, 70, 93, 103.
- American rain forest, *Neomirandea allenii*, a new epiphytic Composite of the, 74:272.
- American *Rorippa* (Cruciferae), Notes on, 63:1.
- American tree Ferns allied to *Sphaeropteris horrida*, The, 73:1.
- American species of *Helianthemum* (Cistaceae), Palynological notes on, 69:184.
- American species of *Myriophyllum* as revealed by the discovery of intergrade material between *M. exalbescens* Fern. and *M. spicatum* L. in New Jersey, The status of some, 56:213.
- American Vittarioid Ferns, Taxonomic fern notes, IV. Some, 66:110.
- AMES, OAKES
1874-1950. [Obituary notice], 53:67-78, pl. 1165.
- Amorpha* and new forms and records from Missouri, A hybrid, 55:157.
- Amorpha* from Georgia, An undescribed dwarf species of, 56:261.
- Amphiachyris*, *Greenella*, *Gutierrezia*, *Gymnosperma* and *Xanthocephalum* (Compositae), The status of the genera *Amphipappus*, 62:43.
- Amphipappus*, *Amphiachyris*, *Greenella*, *Gutierrezia*, *Gymnosperma* and *Xanthocephalum* (Compositae), The status of the genera, 62:43.
- Amphiprora ornata* Bailey, — a second station in New England, 74:521.
- Anacardiaceae), The systematics and ecology of Poison-ivy and the Poison-oaks (*Toxicodendron*, 73:72, 161, 370, 465.
- ANDERSON, C. E.
(— and BEAMAN, JOHN H.), Status of the genus *Cymophora* (Compositae), 70:241-246.
- ANDRESEN, JOHN W.
A multivariate analysis of the *Pinus chiapensis-monticola-strobilus* phylad, 68:1-24, 4 figs.
- ANDREWS, A. LEROY
Bryophytes of the Mount Greylock region V., 59:25-26.
- ANDREWS, H.
Two new Orchid records for Ontario, 63:175-176.
- Andropogon elliottii* Chapm. in Illinois, 52:45.

- Andropogon elliotii* Chapm. in southern Illinois, Additional collections of, 53:128.
- Andropogon pertusus* in the United States, Notes on *Paspalum minus* and, 66:273.
- Andropogon praematurus*, a fungus-induced monstrosity, 58:326.
- Andropogoneae, Additional evidence for five as the basic chromosome number of the, 58:135.
- Angiosperm new to Michigan, *Holosteum umbellatum* L., an, 64:222.
- Angiosperm pollen, [Review], 55:203.
- Angiospermous leaves, Determination of the developmental pattern of, 67:49.
- Angiosperms, Chromosome numbers of some Brazilian, 71:548.
- Angiosperms of the southern United States and Mexico, Chromosome numbers for some, 64:147.
- (Annonaceae), Validation of *Reed-rollinsia* Walker, 73:461.
- Anonymos* and its nomenclatural survivors, The genus, 64:87.
- Antennaria rosea* Greene in the Lake Superior region, 54:291.
- Antennarias* of Minnesota, Notes on the distinction between the broad- and narrow-leaved, 60:306.
- Aphanostephus* (Compositae), Microchromosomes in, 66:270.
- Apis mellifera* (Hymenoptera: Apidae) and *Tribulus cistoides* (Zygophyllaceae), Interactions between, 74:117.
- Appalachians, *Gentiana austromontana*, a new species from the Southern, 66:402.
- Aquatic and wetland plants of the southwestern United States, [Review], 75:114.
- Aquatic form of *Alisma subcordatum* Raf., The, 64:227.
- Aquatic plants from New Hampshire, An interesting association of rare, 73:296.
- Aquatic plants in New England, Range extensions of vascular, 74:131.
- Aquatic plants. 2., Range extensions of marsh and, 53:91.
- Aquatic vascular plants new for Illinois, 68:221.
- Aquatics, Some morphological aids in distinguishing *Nuphar microphyllum* from similar, 75:65.
- Aquilegia canadensis* L., A spurless form of, 69:195.
- Arabis perstellata*, Growth habits of, 58:292.
- Arabis perstellata* in Tennessee, 62:242.
- (Araceae), Cytogeography of *Orontium aquaticum*, 68:25.
- Araceae, Observations on the epidermal structure and stomatal apparatus of some members of the, 62:251.
- (Araceae), The geographic location of *Gorgonidium*, 65:68.
- Aralia spinosa* L. in St. Louis County, Missouri, *Magnolia tripetala* L. and, 71:478.
- Archer method for mounting herbarium specimens, The, 57:294.
- ARCHER, W. A.
New plastic aid in mounting herbarium specimens, 52:298-299.
- Arctic-alpine and boreal disjuncts, Contributions to the flora of Nova Scotia VIII. Distribution of, 68:409.
- Arctic-alpine and boreal disjunct species, Contributions to the flora of Nova Scotia IX. Habitat studies of, 70:176.
- Arctic-alpine plants in Montana, New records of disjunct, 70:103.
- Arctic dicotyledonous species: four new names or combinations. *Perlustrationes plantarum arcticarum* I(bis), 53:226.
- Arctic species in southeastern New Brunswick, New records of, 67:92.
- Arctic, Thallophytes and Bryophytes of the Canadian Eastern, [Review], 52:251.
- Arctium in Illinois, 59:44.
- Arenaria marcescens* in the United States, Discovery of, 61:123.
- Arenaria rossii* and some of its relatives in America, 60:44.
- Arenaria uniflora*, 52:71.
- Argentine *Sisyrinchium*, A new, 72:287.
- ARGUS, GEORGE W.
Contributions to the flora of boreal Saskatchewan, 70:200-214, maps.
- Arizona Flora, [Review], 54:83.
- Arizona, The Cacti of, [Review], 53:94.
- Arizona, *Viola palustris* L. in, 65:49.
- Arkansas, *Hedyotis rosea* in, 58:331.
- Arkansas, *Neviusia alabamensis* in, 58:187.
- Arkansas, The Yellow Mandarin, a notable addition to the flora of, 74:523.
- Arnica, Animadversions and other notes on, 55:55.
- Arnica lanceolata*, *Arnica mollis* and, 52:284.

- Arnica lessingii* (Torrey and Gray) Greene, On the application of the name, 52:281.
- Arnica mollis* and *A. lanceolata*, 52:284.
- Arnica wilsonii* Rydberg and its significance, The distribution of, 54:200.
- Artemisia*, New names within the section *Tridentatae* of, 61:82.
- Artemisia tridentata* complex, A third subspecies in the, 67:405.
- Arthraxon hispidus* (Gramineae) in the United States: taxonomic and floristic status of, 73:39.
- ARTZ, LENA
Notes on four Virginia plants, 51:12.
- Arundinaria gigantea*, Additional notes on, 55:60.
- Arundinaria gigantea* in Illinois, Flowering, 54:82.
- Asclepias amplexicaulis*, A dark-hooded variant of, 57:336.
- Asclepias syriaca* var. *kansana* in New York State, 58:197.
- Asclepias tuberosa*, An alternative explanation of subspeciation in, 61:72.
- Ascyrum* and *Crookea* (Guttiferae), A re-evaluation of the generic status of, 63:10.
- Ascyrum* (Hypericaceae), A revision of the genus, 59:73.
- Aspens in the lower Peninsula of Michigan, Hybrid, 63:311.
- Aspens of the Columbia Plateau, Indications of possible middle-Cenozoic hybridization in the, 69:70.
- Aster blakei* and *A. nemoralis*, Chromosome numbers of, 72:437.
- Aster blakei* (Porter) House, Chemical, cytological and genetic evidence for the hybrid origin of, 75:1.
- Aster* × *blakei* (Porter) House, Evidence for the hybrid status of, 72:401.
- Aster brachyactis* Blake new for Kansas, *Aster parviceps* (Burgess) Mack. & Bush and, 72:392.
- Aster*, Chromosome numbers in, 75:26.
- Aster coerulescens* the same as *A. praealtus*, 51:91.
- Aster crenifolius* in the Northeast — which?, *Aster foliaceus* or, 51:96.
- Aster foliaceus* or *A. crenifolius* in the Northeast — which?, 51:96.
- Aster herveyi*, Synthesis of, 64:113. (*Aster missouriensis*), *Aster ontarionis* the same as *A. pantotrichus*, 51:89.
- Aster nemoralis*, Chromosome numbers of *Aster blakei* and, 72:437.
- Aster ontarionis*, the same as *A. pantotrichus* (*A. missouriensis*), 51:89.
- Aster pantotrichus* (*A. missouriensis*), *Aster ontarionis* the same as, 51:89.
- Aster parviceps* (Burgess) Mack. & Bush and *Aster brachyactis* Blake new for Kansas, 72:292.
- Aster praealtus*, *Aster coerulescens* the same as, 51:91.
- Aster ptarmicoides*, Note on the habitat of, 59:308.
- Aster puniceus* var. *firmus*, The white form of, 51:231.
- Aster shortii* ssp. *azureus* (Lindl.), stat. nov., 55:324.
- Aster*, Soil preferences and variation in flavonoid pigments in species of, 72:251.
- Asteraceae) in Virginia, *Tussilago farfara* L. (Senecioneae-, 74:403.
- Asteraceae, Somatic chromosome numbers for some, 74:102.
- Astereae, Studies of eastern American plants 5. Some northern, 51:93.
- Asterella* from Mexico, A new species of, 68:470.
- Astragalus* (Leguminosae) from eastern Utah, Novelties in *Hermidium* (Nyctaginaceae) and, 54:158.
- Astragalus* (Leguminosae) from Utah, An undescribed species of, 72:189.
- Astragalus polaris* Benth., A range extension and a new synonym for, 75:304.
- Astragalus mollissimus*, A new form of, 62:116.
- Atlantic States, *Kallstroemia* in the middle, 72:397.
- Atriplex patula* var. *hastata* (L.) Gray, Variation of seed size in, 75:106.
- Atriplex patula* var. *hastata* seed dimorphism, 73:548.
- Atriplex sibirica*, A new weed introduction in New England, 71:580.
- ATWOOD, N. DUANE
New species in the *Phacelia crenulata* group (Hydrophyllaceae), 74:451-468, 5 figs., 5 maps.
- Audouinella* complex (Acrochaetaceae, Rhodophyta) in northeastern United States, The morphology and systematics of the, 75:529.
- Audouinella* complex (Rhodophyta) in the western Sargasso Sea, The, 75:78.

- Audouinella microscopica* (Naeg.)
Woelk. complex (Rhodophyta),
Studies on the, 74:85.
- AUSTIN, DANIEL F.
Interactions between *Apis mellifera* (Hymenoptera: Apidae) and *Tribulus cistoides* (Zygophyllaceae), 74:117-123, 8 figs.
- Authors' citations in plant names, On, 58:88.
- AUYANG, TANG SHIH-CHEN
A survey of the algae of Lake Quinsigamond, 64:49-59.
- AVERETT, JOHN E.
Biosystematic study of *Chamaesaracha* (Solanaceae), 75:325-365, 13 figs.
- AVERS, CHARLOTTE J.
Aster shortii ssp. *azureus* (Lindl.), stat. nov. 55:324.
- Avicennia germinans*, Salt concentrations in ground waters beneath *Rhizophora mangle* and, 75:102.
- BACHMAN, JOHN
[—and the Happoldt European Journal], 64:92.
- BAHADUR, BIR
Pollen dimorphism in heterostyled *Oldenlandia umbellata*, 66:56-60, 6 figs.
- Bahama flora since Britton and Millspaugh— I., Additions to the, 75:411.
- Bahama Islands, Additions to the flora of the, 73:46.
- Bahama Islands, Additions to the flora of the Bimini Island Group, 69:60.
- Bahamas, Additions to the flora of Inagua, The, 66:6.
- Bahia (Compositae), A systematic study of the genus, 66:67, 177, 281.
- BAKER, H. G.
Heterostyly and homostyly in *Lithospermum canescens* (Borraginaceae), 63:229-235.
- Balanophoraceae in the Caribbean flora, The, 61:79.
- BALDWIN, HENRY L.
An unusual station for eastern White Pine, 51:393-394.
Further notes on *Chamaecyparis thyoides* in New Hampshire, 63:281-285.
Further notes on *Chamaecyparis thyoides* in New Hampshire, 67:409-411.
A "pillar"-type Black Spruce, 70:562-564, pl. 1402.
- BALDWIN, J. T., JR.
Polyploidy in *Passiflora lutea*, 51:29.
Mistletoe on Persimmon, 51:105-106.
Helenium curtisii in Virginia, 51:303-304.
(—, SPEESE, BERNICE M. and MIKULA, BERNARD), Chromosomes of *Trillium pusillum* Michx., var. *virginianum* Fernald, 51:368, 1 fig.
(— and SPEESE, BERNICE M.), *Penthorum*: its chromosomes, 53:89-91.
Chrososomes of *Spiraea* and of certain other genera of Rosaceae, 53:203-206.
Monotropis lehmaniae not a real species, 59:259-262.
A seventeenth century record for *Stewartia*, 71:434-438, 2 figs.
White phase in flower development in *Cypripedium acaule*, 72:142-143, 1 fig.
- BALL, C. R.
Willow hybrids: *Salix hebecarpa* Fernald and *S. simulans* Fernald, 52:8-18.
- Ballota nigra* in the eastern United States, Varieties of, 68:93.
- Balsam Fir, *Abies balsamea*, Variation in cone morphology of, 70:83.
- BAMBERG, S. A.
(— and PEMBLE, R. H.), New records of disjunct arctic-alpine plants in Montana, 70:103-112.
- Bamboo rhizome anatomy, A new feature in, 65:134.
- BANKS, DONALD J.
Paspalum fimbriatum in the United States, 64:85-86.
Notes on *Paspalum minus* and *Andropogon pertusus* in the United States, 66:273-274.
Chromosome counts for *Paspalum*, 66:368-370, 5 figs.
Paspalum minus (Gramineae) in Louisiana and Mississippi, 68:94-96, 1 fig.
- BARANOV, A. L.
On the perianth and seed characteristics of *Chenopodium hybridum* and *C. gigantospermum*, 66:168-171, 4 figs.
- BARBOUR, MICHAEL G.
(— and RODMAN, JAMES E.), Saga of the West Coast Sea-Rockets: *Cakile edentula* ssp. *californica* and *C. maritima*, 72:370-386.

- BARKER, WILLIAM T.**
Vascular plants new to North Dakota, 73:58-59.
- BARKLEY, T. M.**
The intergradation of *Senecio plattensis* and *Senecio pauperculus* in Wisconsin, 65:65-67.
(KOWAL, ROBERT R. and —), *Senecio anonymus* Wood, an earlier name for *Senecio smallii* Britton, 75:211-219, 1 fig.
- BARNEBY, R. C.**
New phanerogams from the arid Neotropics, 72:66-71.
A range extension and a new synonym for *Astragalus polaris* Benth., 75:304-305.
- BARNES, BURTON V.**
Hybrid Aspens in the lower Peninsula of Michigan, 63:311-324, 6 figs.
Indications of possible mid-Cenozoic hybridization in the Aspens of the Columbia Plateau, 69:70-81, 1 fig.
- BARR, MARGARET E.**
(BIGELOW, HOWARD E. and —), Contribution to the Fungus flora of northeastern North America, 62:186-198, 6 figs., pl. 1253.
(BIGELOW, HOWARD E. and —), Contribution to the Fungus flora of northeastern North America. II., 64:126-137, 5 figs., pls. 1268-1269.
(BIGELOW, HOWARD E. and —), Contribution to the Fungus flora of northeastern North America. III., 65:289-309, 13 figs., pls. 1289-1292.
(BIGELOW, HOWARD E. and —), Contribution to the Fungus flora of northeastern North America. IV., 68:175-191, 8 figs., pls. 1331-1333.
(BIGELOW, HOWARD E. and —), Contribution to the Fungus flora of northeastern North America. V., 71:177-203, 14 figs., pls. 1406-1412.
- Bartholomew's Cobble, [Review], 60:32.
- BARTLETT, HARLEY HARRIS**
Fernald as a reviser of Gray's Manual, 53:44-55, 1 fig.
Regression of \times *Quercus deamii* toward *Quercus macrocarpa* and *Quercus muhlenbergii*, 53:249-264, pls. 1176-1180.
- Bartonia* and *Obolaria* (Gentiana-ceae), A revision of, 61:43.
Basycladia in Maine, 51:232.
- BASKIN, CAROL C.**
(BASKIN, JERRY M. and —), The past and present geographical distribution of *Petalostemon foliosus* and notes on its ecology, 75:132-140, 1 fig.
- BASKIN, JERRY M.**
(— and CAUDLE, CAROL), *Petalostemon foliosus* in Alabama, 69:383-384.
(— and BASKIN, CAROL C.), The past and present geographical distribution of *Petalostemon foliosus* and notes on its ecology, 75:132-140, 1 fig.
- BATES, DAVID M.**
A reconsideration of *Sidopsis Rydberg* and notes on *Malvastrum* A. Gray (Malvaceae), 69:9-28.
- Bauhinia coulteri* from Tamaulipas, Mexico, A white flowered form of, 70:286.
- Bay of Fundy, On the marine algae of Kent Island, 74:264.
- BEALS, T. E.**
(WAGNER, WARREN H. JR. and —), Perennial Ragweeds (*Ambrosia*) in Michigan, with the description of a new intermediate taxon, 60:177-204, 4 figs., pl. 1234.
- BEAMAN, JOHN H.**
(— and SCHULTES, RICHARD EVANS), Notes on Orchids from LaBayamesa, Cuba, 59:245-251, 2 figs.
A modern style in floristic studies, [Review], 61:125-126.
Vascular plants of the Cinder Cone of Paricutin Volcano in 1958, 62:175-186, 1 fig.
(TURNER, BILLIE L., — and ROCK, HOWARD F. L.), Chromosome numbers in the Compositae V. Mexican and Guatemalan species, 63:121-129, 25 figs.
Vascular plants of the Cinder Cone of Paricutin Volcano in 1960, 63:340-344.
(— and TURNER, BILLIE L.), Chromosome numbers in Mexican and Guatemalan Compositae, 64:271-276, 4 figs.
(TORRES, ANDREW M. and —), The status of *Aganippea belidiflora* (Compositae-Heliantheae), 66:156-159.

- (— and DEJONG, D. C. D.), A new species of *Lagenophora* (Compositae) from Guatemala, 67:36-41, pl. 1309.
- (SEIDENSCHUR, C. E. and —), *Cuchumatanea*, a new genus of the Compositae (Heliantheae), 68:139-146, 11 figs.
- (ANDERSON, C. E. and —), Status of the genus *Cymophora* (Compositae), 70:241-246.
- (GRASSHOFF, J. L. and —), Studies in *Eupatorium* (Compositae) I. Revision of *Eupatorium bellidifolium* and allied species, 71:566-576, pl. 1429.
- (GRASSHOFF, J. L. and —), Studies in *Eupatorium* (Compositae) II. A new species of *Eupatorium* (section *Hebeclinum*), 71:577-579, pl. 1430.
- BEAN, RALPH C.
The eighth edition of Gray's *Manual of Botany*, [Review], 52:226-228.
- (—, KNOWLTON, CLARENCE H. and HILL, A. F.), Tenth report of the Committee on plant distribution, 53:79-89.
- (HARRIS, STUART K. and —), *Wolffia columbiana* in Methuen, Massachusetts, 53:272.
- Further light on Aaron Young Jr.'s *Flora of Maine*, 55:293-296.
- Two unusual plants in Essex County, Massachusetts, 55:348.
Clarence Hinckley Knowlton, 58:157-160.
- (—, KNOWLTON, CLARENCE HINCKLEY and HILL, A. F.), Eleventh report of the Committee on plant distribution, 58:125-134.
- (—, HILL, A. F. and EATON, RICHARD J.), Twelfth report of the Committee on plant distribution, 60:297-305.
- (—, HILL, A. F. and EATON, RICHARD J.), Thirteenth report of the Committee on plant distribution, 62:108-116.
- (—, HILL, A. F. and EATON, RICHARD J.), Fourteenth report of the Committee on plant distribution, 63:47-55.
- (—, HILL, A. F. and EATON, RICHARD J.), Corrections in reports of the Committee on plant distribution, 63:348.
- (—, HILL, A. F. and EATON, RICHARD J.), Fifteenth report of the Committee on plant distribution, 64:168-179.
- (—, HILL, A. F. and EATON, RICHARD J.), Sixteenth report of the Committee on plant distribution, 65:26-34.
Arthur Stanley Pease, 66:3-5, pl. 1293.
- (—, HILL, A. F., EATON, RICHARD J. and HARRIS, STUART KIMBALL), Seventeenth report of the Committee on plant distribution, 69:306-318.
- (—, HILL, A. F., EATON, RICHARD J. and HARRIS, STUART KIMBALL), A correction in the sixteenth report of the Committee on plant distribution, 69:318.
Stuart Kimball Harris, 72:126-129, photo.
- BEARDSLEY, RICHARD L.
(— and BROWNE, EDWARD T., JR.), *Lathyrus aphaca* L. new to Tennessee and the Southeast, 74:155.
- BEAUDRY, J. R.
Solidago rupestris and *S. canadensis*, 66:404-405, 1 fig.
Beech-drops, A color-form of, 54:140.
- BEETLE, ALAN A.
New names for Wyoming Wheatgrasses, 54:195-196.
New names within the section *Tridentatae* of *Artemisia*, 61:82-85.
A new name in *Deyeuxia*, 66:277.
(— and YOUNG, ALVIN), A third subspecies in the *Artemisia tridentata* complex, 67:405-406.
Another note on Sagebrush taxonomy, 70:286.
- BELL, C. RITCHIE
(AHLES, HARRY E., — and RADFORD, ALBERT E.), Species new to the flora of North or South Carolina, 60:10-32.
- BENT, FORREST C.
Chromosome studies in *Habenaria*, 71:541-543.
- BERNARD, FRÈRE JEAN-PAUL
(LÖVE, DORIS and —), *Rumex stenophyllus* in North America, 60:54-57, 1 fig.
- BERRY, WENDELL H., JR.
Range extension of *Muhlenbergia sobolifera* in New Hampshire, 70:452.
- Betula lenta* var. *uber* Ashe, 56:129.
Betula michauxii, a brief symposium, Introductory note:, 52:25.

- Betula michauxii* Spach in north-eastern America, 52:27.
- Betula michauxii*, The type of, 52:32.
- Bibliography, An indispensable, [Review], 51:365.
- Bidens cernua*, Notes on varieties of *Bidens connata* and a hybrid with, 67:59.
- Bidens connata* and a hybrid with *B. cernua*, Notes on varieties of, 67:59.
- Bidens connata* var. *gracilipes* Fern. in western Michigan, 63:145.
- Bidens connata* vars. *pinnata* and *gracilipes*, Further notes on the distribution of, 64:23.
- BIGELOW, HOWARD E.**
 Interesting Fungi from Massachusetts, 61:127-136, pls. 1249-1250.
 (— and BARR, MARGARET E.), Contribution to the Fungus flora of northeastern North America, 62:186-198, 6 figs., pl. 1253.
 (— and BARR, MARGARET E.), Contribution to the Fungus flora of northeastern North America II., 64:126-137, 5 figs., pls. 1268-1269.
 (— and BARR, MARGARET E.), Contribution to the Fungus flora of northeastern North America III., 65:289-309, 13 figs., pls. 1289-1292.
 (— and BARR, MARGARET E.), Contribution to the Fungus flora of northeastern North America IV., 68:175-191, 8 figs., pls. 1331-1333.
 (— and BARR, MARGARET E.), Contribution to the Fungus flora of northeastern North America V., 71:177-203, 14 figs., pls. 1406-1412.
- Bishop's Weed in the New World Tropics: range extensions for *Ptilimnium capillaceum* (Umbelliferae), Mock, 72:393.
- Black Spruce, A "pillar" type, 70:562.
- BLACKWELL, WILL H., JR.**
 The combination *Peltandra virginica* (L.) Schott & Endlicher, 74:516-518.
- Blackberries, old and new, Studies of eastern American plants 1., 51:43.
- BLAKE, SIDNEY FAY**
 Scamman's Ferns and Fern allies of New Hampshire, [Review], 52:228.
- Tussilago farfara* in Maryland, 53:93-94.
- A white form of *Trilisa paniculata*, 53:114.
- Erroneous record of *Borrchia frutescens* from District of Columbia, 53:206-207.
- Correll's Native Orchids of North America north of Mexico, [Review], 53:247-248.
- Wolffia papulifera* in Texas, 54:306-307.
- Erroneous record of *Diplotaxis erucoides* from western United States, 55:291-292.
- A Fern flora of Maryland, Delaware, and the District of Columbia, [Review], 56:62-64.
- A popular flora of central Colorado, [Review], 56:103-104.
- Froelichia gracillis* in Maryland, 58:35-38.
- The identity of *Calyptocarpus blepharolepis*, 58:275-278.
- Review of the genus *Cladonia* in the District of Columbia and vicinity, 59:56-61.
- (DAYTON, WILLIAM A. and —), Ivar Tidestrom 1864-1956, 59:161-168, pl. 1229.
- A new Cruciferous weed, *Calepina irregularis*, in Virginia, 59:278-280.
- [—, 1892-1959], [Biographical sketch], 62:325-338, photo.
- Blessed Thistle in Virginia, The, 62:233.
- BLOMQUIST, H. L.**
 (FOX, WILLIAM B., GODFREY, R. K. and —), Notes on distribution of North Carolina plants — II, 52:253-271.
 (FOX, WILLIAM B., GODFREY, R. K. and —), Notes on distribution of North Carolina plants — III, 54:165-182.
- BLUM, JOHN L.**
 (— and WILCE, ROBERT T.), Description, distribution and ecology of three species of *Vaucheria* previously unknown from North America, 60:283-288, 17 figs.
 (— and WILCE, ROBERT T.), The type of *Vaucheria compacta* var. *koksoakensis*, 60:329.
- BLUNT, TERRY**
 (FOSBERG, F. R. and —), Vernon Black Gum Swamp [Vermont], 72:280-282.

- BOGLE, ALFRED L.**
Evidence for the hybrid origin of *Petasites warrenii* and *P. vitifolius*, 70:533-551, 4 figs.
- BOIVIN, BERNARD**
The distribution of *Arnica wilsonii* Rydberg and its significance, 54:200-205.
Animadversions and other notes on *Arnica*, 55:55-57.
Two new variations in *Trillium*, 55:101-102.
Additions to the flora of the Erie Archipelago (Ontario), 55:224-226.
(— and CODY, W. J.), The variations of *Lilium canadense* Linnaeus, 58:14-20.
Connecting vowels in epithets of Latin origin, 69:451-455.
- Bolivia III**—Cyperaceae, Part I, Studies in the flora of, 67:97.
- Bolivia IV.** Gramineae, Studies in the flora of, 68:97, 223, 241.
- Bolivia, The Bromeliaceae of**, 71:35, 220.
- BOOTH, W. E.**
(— and STENTZ, JANET), Montana plant-distribution records, 52:52-53.
(— and WRIGHT, J. C.), Montana plant distribution records, 55:236-238.
(Boraginaceae), Heterostyly and homostyly in *Lithospermum canescens*, 63:229.
- Borrichia frutescens** from Chesapeake Bay, 55:58-59.
- Borrichia frutescens** from District of Columbia, Erroneous record of, 53:206.
- Botrychium dissectum**, Roots and the taxonomic differences between *Botrychium oneidense* and, 63:164.
- Botrychium oneidense** and *B. dissectum*, Roots and the taxonomic differences between, 63:164.
- BOUFFORD, DAVID E.**
New or noteworthy New Hampshire plants, 75:158-161.
- Bowdoin College, The Parker Cleveland herbarium of**, 74:80.
- BOWLER, PETER A.**
(— and RUNDEL, PHILLIP W.), The status of *Ramalina subampliata* (Nyl.) Fink in North America, 75:306-310, 1 fig.
- BOWLEY, DONOVAN R.**
The environment of *Schistostega pennati* (Hedw.) Hook. & Tayl.: new Vermont stations, 75:149-153.
- BOZEMAN, JOHN R.**
(— and LOGUE, JOHN F.), A range extension for *Hudsonia ericoides* in the southeastern United States, 70:289-292.
- BRADLEY, LEONARD J.**
Cyperus brevifolius in Fairfield County, Connecticut, 51:119-120.
- Brasenia schreberi**, Winterbud production and function in, 71:417.
- Brassica kaber** (DC.) Wheeler, var. *stricta* (Celakovsky) Shinners, comb. nov., 52:127.
- BRAUN, E. LUCY**
Variation in *Polemonium reptans*, 58:103-115, 5 figs.
Growth habits of *Arabis perstolata*, 58:292-295, 9 figs.
Dentaria laciniata from seed, 59:267-269.
Micheliella verticillata in Ohio, 66:275-277.
[A model flora of Ohio—“The monocotyledoneae”], [Review of], 71:562-564.
- Braya** in Colorado, 55:109.
- Brazilian Angiosperms, Chromosome numbers of some**, 71:548.
- Brazilian Compositae, Additional chromosome numbers in**, 72:94.
- Brazilian Compositae, Chromosome numbers in some**, 70:228.
- Brazilian Compositae, Chromosome numbers in the Compositae. II. Meiotic counts for fourteen species of**, 62:122.
- Brazilian Leguminosae, Chromosome numbers of some**, 63:16.
- Breweria pickeringii** in Illinois, 56:274.
- Breweria**, Some identities in, 51:35.
- Brickellia, Chromosome studies in Kuhninae (Eupatorieae) I.**, 55:253, 269, 297, 328.
- Brickellias, Some rarely collected Mexican**, 54:229.
- BRIGGS, WINSLOW R.**
Some plants of Mount McKinley National Park, McGonagall Mountain area, 55:245-252.
- British floras ancient and modern**, 55:209.
- Britton and Brown illustrated Flora, A companion volume to the new, [Review]**, 65:242.
- Britton and Millspaugh—I., Additions to the Bahama flora since**, 75:411.

- Britton and Wilson's Flora of Porto Rico and the Virgin Islands, Nomenclatural changes and additions to, 67:315.
- BRITTON, DONALD M.**
Dryopteris dilatata (Hoffm.) A. Gray in North America, 64:207-212.
 (TRYON, ROLLA M. and —), A study of variation in the cytotypes of *Dryopteris spinulosa*, 68:59-92, pls. 1320-1327.
Diploid Dryopteris dilatata from Quebec, 69:1-4.
 The spores of four species of Spinulose Wood-Ferns (*Dryopteris*) in eastern North America, 70:340-347, 4 figs.
- BRIZICKY, GEORGE K.**
 Dates of publication of Gärtner's *De Fructibus et Seminibus Plantarum*, 62:81-84.
Bromeliaceae of Bolivia, 71:35, 220.
Bromus mollis and allies in New England, 68:168.
Bromus, Nomenclatural changes in, 52:209.
Bromus pubescens and *Ribes hirtellum*, A Linden (*Tilia*) forest on Cape Cod (with extended notes on *Tilia neglecta*, 72:339.
- BROOME, C. ROSE**
 (LONG, ROBERT W., LAKELA, OLGA, and —), Some preliminary statistics of the flora of southern Florida, 71:495-501.
- BROWER, A. E.**
Helleborine (*Epipactis helleborine*) in Maine, 62:142-143.
- BROWN, CLAUD L.**
 (DUNCAN, WILBUR H. and —), Connate anthers in *Gentiana* (*Gentianaceae*), 56:133-136, pl. 1203.
- BROWNE, EDWARD T., JR.**
 Some new or otherwise interesting report of *Liliaceae* from the Southeastern States, 63:304-311.
 (BEARDSLEY, RICHARD L. and —), *Lathyrus aphaca* L. new to Tennessee and the Southeast, 74:155.
- BROWNE, ELIZABETH M.**
 (— and BROWNE, E. T. JR.), Flowering plants new to or rare in Kentucky, 67:180-181.
- BROWNE, E. T., JR.**
 (BROWNE, ELIZABETH M. and —), Flowering plants new to or rare in Kentucky, 67:180-181.
- Bruce Peninsula, A natural hybrid of *Polystichum lonchitis* and *P. acrostichoides* from the, 56:1.
- BRUMMITT, R. K.**
 Relationship of *Heracleum lanatum* Michx. of North America to *H. sphondylium* of Europe, 73:578-584.
- BRYAN, CHARLES S.**
Goodyera tessellata in Rhode Island, 52:279-280.
- Bryoflora of Mt. Katahdin, Maine, Further additions to the, 72:493.
- Bryophyte flora, A new, [Review], 60:176.
- Bryophyte flora of Keweenaw County, Michigan, Additions to the, 64:121.
- Bryophytes in the headwaters of a New Hampshire stream, Zonation of, 72:276.
- Bryophytes of the Mount Greylock region V., 59:25.
- Bryophytes of the Canadian Eastern Arctic, Thallophytes and, [Review], 52:251.
- Bryophytes of Virginia, III. Collections made in southeastern Virginia by Bayard Long, 53:117.
- Buchloë dactyloides* in Illinois, 60:259.
- Buckeyes, Studies in the *Hippocastanaceae* III. A hybrid swarm in the, 59:45.
- Buellia* from the West Indies, An additional species of the Lichen genus, 57:323.
- BUKER, W. E.**
 Putty-root and Lesser Celandine in western Pennsylvania, 56:23-24.
- Bumelia lacuum* Small, The identity of, 65:280.
- Bunias erucago* in Virginia, 62:293.
- Bur Clovers (*Medicago*) found wild in the United States, Authorship and nomenclature of, 58:1.
- BURCH, DEREK**
 Two species of *Chamaesyce* (*Euphorbiaceae*) new to the United States, 67:185-186.
 The application of the Linnaean names of some New World species of *Euphorbia*, subgenus *Chamaesyce*, 68:155-166.
- BURK, C. JOHN**
 Environmental variation in *Heterotheca subaxillaris*, 63:243-246.
 (— and NAH, CHUNG-HIE), Environmental control of a taxonomic character separating

- Heterotheca s.str. from Chrysopsis, 68:406-408.
 A floristic comparison of lower Cape Cod, Massachusetts and the North Carolina Outer Banks, 70:215-227.
- BURNS, RICHARD L.**
 (DAVIS, EDWARD L. and —), The use of vapor fractometry in the analysis of some New England Hops, 64:243-251.
- Butomus umbellatus* in the Great Lakes region, Further distribution of, 51:385.
- BUTTERS, FRED K.**
 (— and ABBE, ERNST C.), A floristic study of Cook County, northeastern Minnesota, 55:21-55, 63-101, 116-154, 161-201, 3 figs., pls. 1190-1192.
- Cabomba caroliniana* grows in Worcester County, Massachusetts, 60:321.
- Cabomba caroliniana* in Essex County, Massachusetts, 60:116.
- Cabomba caroliniana* in Rockingham County, New Hampshire, 61:248.
- Cacalia atriplicifolia* and *C. muhlenbergii*, Natural and artificial hybrids of, 67:55.
- Cacalia muhlenbergii*, Natural and artificial hybrids of *Cacalia atriplicifolia* and, 67:55.
- Cacti of Arizona, The, [Review], 53:94.
- CAIN, S. A.**
 Frog Spit and Pond Scum, [Review], 53:292.
- Cakile edentula* ssp. *californica* and *C. maritima*, Saga of the West Coast Sea-Rockets:, 72:370.
- Cakile maritima*, Saga of the West Coast Sea-Rockets: *Cakile edentula* ssp. *californica* and, 72:370.
- Calamagrostis insperata* in Missouri, 56:43.
- Calamintha*, A note on the name, 57:73.
- Calamovilfa* (Gramineae) from North America, A new species of, 72:72.
- CALDER, JAMES A.**
 Notes on the genus *Carex* I: a new species of *Carex* from western Canada, 54:246-250, 1 fig.
 (MULLIGAN, GERALD A. and —), The genus *Subularia* (Cruciferae), 66:127-135, 2 figs., pl. 1295.
- CALDWELL, JOHN J.**
 (HABEEB, HERBERT and —), *Zoochlorella conductrix* occurring in New Brunswick symbiotically with *Ophrydium*, 51:4-5, 1 fig.
- Calepina irregularis* in Virginia, A new Cruciferous weed, 59:278.
- CALHOUN, KEN**
 (REYNOLDS, DON R. and —), *Equisetum* from Peninsula Florida, 74:526-528.
- California, A new manual for, [Review], 61:270.
- CALLEN, E. D.**
 Studies in the genus *Euphrasia* L. — III., 54:145-156.
- Calliandra biflora*, a new species of Leguminosae (Mimosoideae) from southern Texas, 56:132.
- Callicarpa americana* in Missouri, The discovery and destruction of, 55:238.
- Callirhoë* (Malvaceae), Some chromosome numbers in the genus, 58:100.
- Callitriche* in the New World, 53:137, 161, 185, 209.
- Calochortus venustulus* (Liliaceae), Variation within, 74:350.
- Calycera balsamitaefolia* in the United States, 57:72.
- Calypso* in New Hampshire, 62:141.
- Calyptocarpus blepharolepis*, The identity of, 58:275.
- Camassia angusta*, Notes on *Papaver dubium* and, 66:16.
- Campanula* native or commonly naturalized in North America, A checklist and key to the species of, 65:319.
- Campanula rentonae*, sp. nov., 51:302.
- Campanular* persistence, 63:29.
- Camperdown Elm*, The propagation of the, 54:55.
- Canada, A new Crucifer from the Great Slave Lake area of, 64:324.
- Canada, A new *Amelanchier* of eastern, 59:119.
- Canada, A preliminary checklist of the marine algae of Campobello Island, New Brunswick, 72:313.
- Canada and Alaska, A history of *Tilalea aquatica* (Crassulaceae) in, 56:96.
- Canada and the United States, Distribution of native and introduced Knapweeds (*Centaurea* in), 74:331.
- Canada, *Chrysopsis falcata* adventive in, 54:308.
- Canada, *Iris brevicaulis* in, 56:80.

- Canada, Notes on the genus *Carex* I: a new species of *Carex* from western, 54:246.
- Canada's centenarian botanist, 54:194.
- Canadian Eastern Arctic, Thallophytes and Bryophytes of the, [Review], 52:251.
- Canadian Lakehead, *Rubus chamaemorus* in the, 58:327.
- Candolleodendron, a new genus of the Leguminosae (Caesalpinioideae), 68:429.
- Cape Breton Island, Species newly or rarely reported from Nova Scotia and, 53:264.
- Cape Cod and Martha's Vineyard, Crooked Oaks on, 57:132.
- Cape Cod, *Glaucium flavum* Crantz from, 71:540.
- Cape Cod: plant notes, Western, 72:1.
- Cape Cod (with extended notes on *Tilia neglecta*, *Bromus pubescens* and *Ribes hirtellum*), A Linden (*Tilia*) forest on, 72:339.
- Cape Cod species of *Carex* with notes on the history of the perigynium and rachilla, The rachilla in, 74:321.
- Capparidaceae I. *Polanisia dodecandra* (L.) DC., the correct name for *Polanisia graveolens* Rafinesque, Studies in the, 56:65.
- Capparidaceae VIII. *Polanisia dodecandra* (L.) DC., Studies in the, 68:41.
- (Caprifoliaceae), Tribal classification of *Triosteum*, 75:120.
- Cardamine digitata* Richardson (Cruciferae), 54:260.
- Cardamine douglassii* Britt. (Cruciferae), *Thlaspi tuberosum* Nutt., a taxonomic synonym of, 69:460.
- Carex* I: a new species of *Carex* from western Canada, Notes on the genus, 54:246.
- Carex aenea* Fernald (typical) in Cook County, Minnesota, 56:231.
- Carex* by hybridization, The ecology of the natural origin of a species of, 58:51.
- ×*Carex deamii* in Missouri, 60:174.
- Carex fissa* (§ *Multiflorae*), An eastern variety of, 67:198.
- Carex* from western Canada, Notes on the genus *Carex* I. A new species of, 54:246.
- Carex incompta* Bickn., The status of, 67:361.
- Carex intumescens* var. *fernaldii*, A defense of, 73:51.
- Carex longii* and *C. vexans*, Vegetative reproduction in, 62:339.
- Carex molesta* in Massachusetts, 59:33.
- Carex*, Notes on a new hybrid, 58:318.
- Carex picta*, Two new stations for, 60:175.
- Carex projecta*, Additional notes on vegetative reproduction in *Carex tribuloides* and, 61:294.
- Carex records*, New Illinois, 60:115.
- Carex* (section *Phyllostachyae*) from Oklahoma, A new species of, 56:21.
- Carex tribuloides* and *C. projecta*, Additional notes on vegetative reproduction in, 61:294.
- Carex vexans*, Vegetative reproduction in *Carex longii* and, 62:338.
- Carex* with notes on the history of the perigynium and rachilla, The rachilla in Cape Cod species of, 74:321.
- Caribbean flora, The Balanophoraceae in the, 61:79.
- Caribbean *Melanthera* (Compositae), A revision of North American and, 75:169.
- Carices from southeastern United States, Two new, 57:156.
- Carices, Notes on Rocky Mountain, 70:419.
- Carices of Virginia, Phytogeography of the, 75:248.
- Carlina vulgaris* in the Cayuga Quadrangle, 42-43° N., 76-77° W., 51:33.
- Carolina flora, Intraspecific classification in the, 72:51.
- Carolinas, *Striga asiatica* and *Chrysoma pauciflosculosa* in the, 60:289.
- Carphephorus* and *Trilisa* (Compositae), Generic considerations concerning, 70:474.
- Carphephorus*, *Trilisa* and *Litrisa* (Compositae), Generic considerations concerning, 60:117.
- Cartography, A milestone in botanical, [Review], 61:28.
- Carya glabra* and *C. ovalis*, A key to the Hickories north of Virginia with notes on the two Pignuts, 52:188.
- Carya glabra* in Durham, New Hampshire and vicinity, *Carya ovalis* and, 51:150.
- Carya ovalis*, A key to the Hickories north of Virginia with notes on the two Pignuts, *Carya glabra* and, 52:188.
- Carya ovalis* and *Carya glabra* in Durham, New Hampshire and vicinity, 51:150.

- Caryophyllaceae — IV. A synopsis of the North American species of the subfamily Silenoideae, *Studies in the*, 52:233.
 (Caryophyllaceae) in North America, Occurrence of species of *Polycarpaea* Lam., 64:179.
- CASE, FREDERICK W., JR.
 Some Michigan records for *Sarracenia purpurea* forma *heterophylla*, 58:203.
- CASPER, S. JOST
 On *Pinguicula macroceras* Link in North America, 64:212-221, 4 figs.
- CATLING, P. M.
 (CRUISE, J. E. and —), A white-flowered form of *Iris lacustris* from Ontario, 74:271.
- CAUDLE, CAROL
 (BASKIN, JERRY M. and —), *Petalostemon foliosus* in Alabama, 69:383-384.
- Caution regarding certain collections, Need for, 52:175.
- Cayuga quadrangle, 42-43° N., 76-77° W., *Carlina vulgaris* in the, 51:33.
- Cedrela oaxacensis* C. DC. & Rose, Redefinition of, 74:124.
- Cedrus* intact for study and storage, A new method for maintaining the cones of *Abies* and, 56:516.
- Celandine in western Pennsylvania, Putty-root and Lesser, 56:23.
- Celandine Poppy, The persistence of the double-flowered form of, 69:179.
- CELARIER, ROBERT P.
 Additional evidence for five as the basic chromosome number of the *Andropogoneae*, 58:135-143, 11 figs.
 (— and MEHRA, K. L.), Determination of polyploidy from herbarium specimens, 60:89-97, 8 figs.
 (FARUQI, SHAMIM A., — and MEHRA, K. L.), The taxonomy of *Setcreasea ovata*, 64:68-73, 6 figs.
 (FARUQI, SHAMIM A., MEHRA, K. L. and —), A new species of *Setcreasea* from Mexico, 64:329-331.
- Cellulose acetate in the herbarium, Uses of, 54:286.
- Cellulose acetate plastic, Biometric and taxonomic uses of, 70:552.
- (*Centaurea*) in Canada and the United States, Distribution of native and introduced Knapweeds, 74:331.
- Central America and the West Indies, *Physalis* in Mexico, 69:82, 203, 319.
- Central and South America, New species of Ferns from, 62:1.
- Cerastium arvense* Linn., Spontaneous hybrids between *Cerastium tomentosum* Linn. and, 74:519.
- Cerastium tomentosum* Linn. and *C. arvense* Linn., Spontaneous hybrids between, 74:519.
- Ceratophyllum demersum* and *C. echinatum* in Worcester County, Massachusetts, A note on, 56:257.
- Cerastium echinatum* in Worcester County, Massachusetts, A note on *Ceratophyllum demersum* and, 56:257.
- Cercis canadensis* in Connecticut, A further note on, 53:246.
- Chamaecyparis thyoides* in New Hampshire, Further notes on, 63:281; 67:409.
- Chamaecyparis thyoides*, Southeastern limit of, 65:359.
- Chamaesaracha* (Solanaceae), Biosystematic study of, 75:325.
- Chamaesaracha villosa* new to Texas, 67:194.
- Chamaesyce* (Euphorbiaceae) new to the United States, Two species of, 67:185.
- CHAMBERS, KENTON L.
Hedyotis australis in Georgia, 65:271-273, pl. 1287.
- CHAMPLIN, RICHARD L.
 A fern new to Rhode Island, 63:46.
 A Rhode Island station for Luminous Moss, 71:305.
- CHANNELL, R. B.
 Reappraisal of two plumose *Rhynchosporas* of the southeastern United States, 58:335-343, 9 figs.
 A new species of *Samolus* (Primulaceae) from Mexico, 60:1-6, 7 figs.
 (— and JAMES, CHARLES W.), Nomenclatural and taxonomic corrections in *Warea* (Cruciferae), 66:18-26.
 (CLAUSEN, JENS, — and NUR, UZI), *Viola rafinesquii*, the only *Melanium* Violet native to North America, 66:32-46.
- Characeae I. Emendation of *Nitella morongii*, Monographic studies on the, 51:13.

- CHARETTE, L. A.
(VOGELMANN, H. W. and —), A new station for *Rhododendron maximum* in northern Vermont, 65:22-25, 1 map.
Hydrastis canadensis L. in New England, 66:94-96.
- CHASE, SHERRET S.
A case of albinism of presumptive self-compatibility in *Ulmus* L., 70:294-296.
- Chelone, Late negative geotropism in, 62:173.
- Chenopodium gigantospermum*, On the perianth and seed characteristics of *Chenopodium hybridum* and, 66:168.
- Chenopodium hybridum* and *C. gigantospermum*, On the perianth and seed characteristics of, 66:168.
- Chenopodium hybridum* var. *standleyanum* (Aellen) comb. nov., 51:92.
- Chesapeake Bay area, The marine algae of Virginia and Maryland including the, 75:258.
- Chesapeake Bay, *Borrchia frutescens* from, 55:58.
- Chesapeake Bay region, A preliminary investigation of the benthonic marine algae of the, 71:524.
- CHESTER, EDWARD W.
Halesia carolina L. in Kentucky, Indiana and Ohio, 69:380-382.
- Chestnut Oak in Mississippi, A disjunct community of, 63:325.
- Chicago area in Illinois, Plants new to Illinois or to the, 51:147.
- Chicago region and lower Michigan, New records of grasses from the, 65:284.
- Chicago region, Grasses new to Illinois and the, 60:264.
- Chicago region, Notes on the grass flora of the, 59:230; — II., 63:130.
- Chicago region, Plants new to Illinois and Indiana and the, 59:31.
- Chicago region, Plants new to Illinois and to the, 54:208; 57:265; 59:289; 61:24.
- Chickweed, *Myosoton aquaticum*, in New Hampshire, A second record for the Giant, 73:19.
- Chihuahua, The Ferns and Fern allies of, [Review], 64:347.
- Chimaphila maculata* (L.) Pursh in Maine and New Hampshire, 75:162.
- CHINNAPPA, C. C.
(GILL, L. S. and —), A note on the karyology of *Haplopappus spinulosus* (Pursh) DC. ssp. *typicus*, 75:220-224, 8 figs.
- CHRISTENSEN, EARL M.
Tall Wheat-grass, a new roadside species in Utah, 65:318.
- Chrysanthemum lacustre* Brotero, A prior record of, 72:543.
- Chrysanthemum lacustre* Brotero new to Gray's Manual range, 72:250.
- Chrysanthemum leucanthemum* complex, Chromosome races in the, 60:122.
- Chrysoma pauciflosculosa* in the Carolinas, *Striga asiatica* and, 60:289.
- Chrysopsis, A change of status for two species of, 51:113.
- Chrysopsis (Compositae-Astereae), A second character distinguishing *Heterotheca* s.str. from, 67:86.
- Chrysopsis, Environmental control of a taxonomic character separating *Heterotheca* s.str. from, 68:406.
- Chrysopsis *falcata* adventive in Canada, 54:308.
- Chrysopsis *mariana* in New England, 74:152.
- Chrysosplenium iowense*, A note on, 51:191.
- CHURCH, GEORGE L.
The genus *Torreyochloa*, 54:197-200.
Interspecific hybridization in eastern *Elymus*, 56:185-197.
Taxonomic and genetic relationships of eastern North American species of *Elymus* with setaceous glumes, 69:121-162, 26 figs.
Pine Hills *Elymus*, 69:330-351, 10 figs.
- CHURCHILL, JOHN A.
Saxifraga aizoon in New Hampshire, 69:483-484.
(— and HODGDON, ALBION R.), *Saxifraga cernua* in New England, 69:485-486.
- CHUTE, R. M.
Basidiadia in Maine, 51:232.
- Cimicifuga rubifolia* Kearney in Virginia, Note on, 66:135.
- Cirsium canescens*, Nuttall's Great Plains species of *Cirsium*: *C. undulatum* and, 54:29.
- Cirsium*, Chromosome numbers in some North American species of the genus, 65:339.
- Cirsium*: *C. undulatum* and *C. canescens*, Nuttall's Great Plains species of, 54:29.
- Cirsium flodmani* (Rydb.) Arth., f. *albiflorum*, forma nova, 55:362.
- Cirsium* native to the southeastern United States, Cytotaxonomic notes on the species of, 71:285.

- Cirsium undulatum* and *C. canescens*, Nuttall's Great Plains species of *Cirsium*., 54:29.
 (Cistaceae), A revision of the North American species of *Helianthemum*, 67:63, 201, 255.
 (Cistaceae) in the southeastern United States, The genus *Lechea*, 63:103.
 (Cistaceae), Notes on Rafinesque's species of *Lechea*, 68:192.
 (Cistaceae), Palynological notes on American species of *Helianthemum*, 69:184.
Cladonia ecmocyna in North America, 54:261.
Cladonia in the District of Columbia and vicinity, Review of the genus, 59:56.
Cladonia subrangiformis in North America, 56:266.
Cladoniae of Connecticut — IV, Notes on the, 52:77.
Cladoniae of southeastern Massachusetts with special reference to the collection of Charles Albert Robbins, List of the, 74:254.
- CLAUSEN, JENS
 (—, CHANNEL R. B. and NUR, UZI), *Viola rafinesquii*, the only *Melanium* Violet native to North America, 66:32-46.
- CLAUSEN, ROBERT T.
Carlina vulgaris in the Cayuga Quadrangle, 42-43° N., 76-77° W., 51:33-34, pl. 1120.
Smilax hispida versus *S. tamnoides*, 53:109-111.
 Suggestion for the assignment of *Torreyochloa* to *Puccinellia*, 54:42-45.
- Claytonia* in Virginia, A hybrid population of, 66:136.
Claytonia virginica, Orange-yellow-flowered, 60:258.
- CLEAVELAND, PARKER
 [The — Herbarium of Bowdoin College], 74:80-84.
- CLEVENGER, SARAH
 (— and HEISER, CHARLES B., JR.), *Helianthus laetiflorus* and *Helianthus rigidus* — hybrids or species?, 65:121-133, 6 figs.
- CLEWELL, ANDRÉ F.
 Native North American species of *Lespedeza* (Leguminosae), 68:359-405, 18 figs.
 (WOOTEN, JEAN W. and —), *Fleischmannia* and *Conoclinium* (Compositae, Eupatorieae) in eastern North America, 73:566-574, 4 figs.
- Clicococca* (Linaceae) of South America, The reexamination of the genus, 73:560.
 Club Herbarium gets a new home, The, 56:101.
 Coastal Plain, A second station for *Stewartia ovata* on the, 63:206.
 Coastal Plain relict in the Missouri Ozark region, Another, 55:15.
Cochlearia officinalis arctica in the vicinity of Point Barrow, Alaska, 54:40.
- CODY, W. J.
Chrysopsis falcata adventive in Canada, 54:308.
Salicornia europaea in the James Bay region, 56:61-62.
 A history of *Tillaea aquatica* (Crassulaceae) in Canada and Alaska, 56:96-101, 1 fig.
 (BOIVIN, BERNARD and —), The variations of *Lilium canadense* Linnaeus, 58:14-20.
Draba lanceolata in the Ottawa district, 59:237-239.
 A new station for *Pinguicula vulgaris* in Ontario, 64:182-183.
- COLEMAN, JAMES R.
 Natural and artificial hybrids of *Cacalia atriclicifolia* and *C. muhlenbergii*, 67:55-58, 3 figs.
 A cytotaxonomic study in *Verbesina* (Compositae), 70:95-102.
 Chromosome numbers in some Brazilian Compositae, 70:228-240, 26 figs.
 (— and SMITH, LYMAN B.), Chromosome numbers of some Brazilian Angiosperms, 71:548-551.
 Additional chromosome numbers in Brazilian Compositae, 72:94-99.
 Nomenclatural clarification of two species of *Verbesina* (Compositae) endemic to Florida, 74:97-101.
- Collecting bag, A simple, 51:393.
 Collecting, Paraformaldehyde as a source for formaldehyde for use in botanical, 59:299.
 Collections, Need for caution regarding certain, 52:175.
Collinsia violacea, Notes on, 58:308.
 Colombiae Orientalibus partibus Notulae, Plantae austro-americanae XI. De plantis principaliter ex, 65:1.

- Colorado, A popular flora of central, [Review], 56:103.
- Colorado, *Alchemilla alpina* in, 52:47.
- Colorado, *Braya* in, 55:109.
- COLT, L. C., JR.
 (— and HELLQUIST, C. BARRE), Seventy-five years later, a second station in New England for *Micrasterias nordstedtiana*, 73:56-57, 1 fig.
 (—, HELLQUIST, C. BARRE and ZUBRIN, W. J. L.), An interesting association of rare aquatic plants from New Hampshire, 73:296-299.
Amphiprora ornata Bailey — a second station in New England, 74:521-523, 1 fig.
 (— and SWARTZ, STEVEN), An unusual substrate for *Polysiphonia paniculata* Montagne, 75:488-490.
- Columbia Plateau, Indications of possible mid-Cenozoic hybridization in the Aspens of the, 69:70.
- Columbianae XVII. *Philodendron* ex regione Amazoniae nova, *Plantae*, 66:118.
- (Combretaceae), The distribution of pubescent leaved individuals of *Conocarpus erectus*, 72:544.
- Coming of age of American botany, The, [Review], 62:85.
- Commelina, A variegated foliage form of, 63:88.
- Commelina communis in New Hampshire, 65:363.
- (Commelinaceae) from Mexico, *Separotheca*, a new genus, 61:136.
- Committee on plant distribution, Report of the, Tenth, 53:79; — Eleventh, 58:125; — Twelfth, 60:297; — Thirteenth, 62:108; — Fourteenth, 63:47; — Corrections in, 63:348; — Fifteenth, 64:168; — Sixteenth, 65:26; — Correction in, 69:318; — Seventeenth, 69:306.
- (Compositae), A cytotaxonomic study of the genus *Hymenopappus*, 58:163, 208, 250, 295.
- (Compositae), A cytotaxonomic study in *Verbesina*, 70:95.
- (Compositae), A new Alaskan species of *Erigeron* L., 75:116.
- (Compositae) II. A new species of *Eupatorium* (section *Hebeclinum*), Studies in *Eupatorium*, 71:577.
- (Compositae), A revision of North American and Caribbean *Melanthera*, 75:169.
- (Compositae), A revision of the vernal species of *Helenium*, 59:101, 128, 168, 203.
- (Compositae), A systematic study of the genus *Bahia*, 66:67, 177, 281.
- Compositae, Additional chromosome numbers in Brazilian, 72:94.
- Compositae — VI. Additional Mexican and Guatemalan species, Chromosome numbers in the, 64:251.
- (Compositae) and notes on the pedicellate disk florets in the genus, A reversion in *Polymnia canadensis*, 70:559.
- (Compositae), Application of the name *Kuhnia eupatorioides* var. *angustifolia*, 66:160.
- (Compositae: Astereae), A second character distinguishing *Heterotheca* s.str. from *Chrysopsis*, 67:86.
- Compositae, Chromosome numbers in Mexican and Guatemalan, 64:271.
- (Compositae), Chromosome numbers in the Compositae. II. Meiotic counts for fourteen species of Brazilian, 62:122.
- (Compositae), Chromosome numbers in *Vernonia*, 68:49.
- Compositae, Chromosome numbers in some Brazilian, 70:228.
- Compositae, Chromosome studies in Mexican, 65:225.
- (Compositae) endemic to Florida, Nomenclatural clarification of two species of *Verbesina*, 74:97.
- (Compositae, Eupatorieae) in eastern North America, *Fleischmannia* and *Conoclinium*, 73:566.
- Compositae — Eupatorieae. XV. *Jaliscoa*, *Macvaughiiella*, *Oaxacania* and *Planaltoa*, Studies in the, 72:100.
- Compositae: II. Eupatorieae, Seneceioneae, Cynareae, Cichoreae, Notes on the distribution of Ohio, 61:76.
- (Compositae) from Guatemala, A new species of *Lagenophora*, 67:36.
- (Compositae) from Mexico, A new species of *Ratibida*, 66:267.
- (Compositae), Generic considerations concerning *Carphephorus*, *Trilisa* and *Litrisa*, 60:117.
- (Compositae), Generic considerations concerning *Carphephorus* and *Trilisa*, 70:474.
- Compositae (Heliantheae), *Cuchumatanea*, a new genus of the, 68:139.
- (Compositae, Heliantheae), *Greenmania*: a taxonomic synonym of *Unxia*, 73:291.

- Compositae: I. Heliantheae, Anthemideae, Notes on the distribution of Ohio, 60:125.
- (Compositae - Heliantheae - Coreopsidinae), Revision of the genus *Dahlia*, 71:309.
- (Compositae - Heliantheae - Melampodinae): taxonomic changes and generic affinities, The genus *Acanthospermum*, 72:106.
- (Compositae: Heliantheae), Revision of the genus *Melampodium*, 74:1, 161.
- (Compositae-Heliantheae), The status of *Aganippea bellidiflora*, 66:156.
- (Compositae): its arrival and spread in the northeastern United States, *Galinsoga ciliata*, 72:386.
- Compositae. II. Meiotic counts for fourteen species of Brazilian Compositae, Chromosome numbers in the, 62:122.
- Compositae V. Mexican and Guatemalan species, Chromosome numbers in the, 63:121.
- (Compositae), Microchromosomes in *Aphanostephus*, 66:270.
- Compositae, Nomenclatural and taxonomic notes on Mexican, 74:495.
- (Compositae-Peritylanae), Taxonomy of *Perityle*, section *Pappothrix*, 71:58.
- (Compositae). I. Revision of *Eupatorium bellidifolium* and allied species, *Studies in Eupatorium*, 71:566.
- (Compositae), Revision of *Heterotheca*, section *Heterotheca*, 62:61, 97.
- (Compositae), Status of the genus *Cymophora*, 70:241.
- (Compositae) I-III., *Studies in the Eupatorieae*, 69:35.
- (Compositae) IV. *Studies in the Eupatorieae*, 69:352.
- (Compositae), Synopsis of the genus *Xanthocephalum*, 63:151.
- (Compositae-Tagetinae) and phyletic interpretations, Chromosome numbers of *Dyssodia*, 64:2.
- (Compositae), Taxonomy of *Happappus*, section *Isopappus*, 67:217.
- (Compositae), The status of the genera *Amphipappus*, *Amphiachyris*, *Greenella*, *Gutierrezia*, *Gymnosperma* and *Xanthocephalum*, 62:43.
- (Compositae), The systematic value of trichome complements in a North American group of *Vernonia*, 75:517.
- (Compositae), The taxonomy of *Vernonia acaulis*, *V. glauca* and *V. noveboracensis*, 72:145.
- (Compositae), The typification of *Xanthocephalum*, 67:182.
- Composite of the American rain forest, *Neomirandea allenii*, a new epiphytic, 74:272.
- Cones of *Abies* and *Cedrus* intact for study and storage, A new method for maintaining the, 68:516.
- Conifer twigs with deciduous leaves, A new method for mounting evergreen, 66:216.
- Connecticut, A further note on *Cercis canadensis* in, 53:246.
- Connecticut, *Cyperus brevifolius* in Fairfield County, 51:119.
- Connecticut, *Drosera filiformis* in, 65:273.
- Connecticut, IV., Notes on the Cladoniae of, 52:77.
- Connecticut, Two *Eupatorium* species new to, 70:455.
- Conobea multifida*, a new record for Nebraska, 66:280.
- Conocarpus erectus* (Combretaceae), The distribution of pubescent leaved individuals of, 72:544.
- Conoclinium* (Compositae, Eupatorieae) in eastern North America, *Fleischmannia* and, 73:566.
- (Convolvulaceae), a South American waif in Missouri, *Ipomoea amnicola*, 67:200.
- Convolvulus*, Errors of citation in *Agrostis* and, 51:192.
- CONWAY, JOAN R.
 (HEHRE, EDWARD J. and —), *Glaucium flavum* Crantz from Cape Cod, 71:540.
- (HEHRE, EDWARD J., — and STONE, RICHARD A.), *Flora of the Wolf Islands*, Part III. The marine algae, 72:115-118.
- (STONE, RICHARD A., HEHRE, EDWARD J., MATHIESON, ARTHUR C. and —), A preliminary checklist of the marine algae of Campobello Island, New Brunswick, Canada, 72:313-338, 1 map.
- COOK, FRANK S.
 (ELLIOTT, H. VINCENT and —), *Listera ovata* (L.) R.Br. in the Bruce Peninsula, Ontario, 72:274-275.
- COOK, PHILIP W.
 Discovery of *Arenaria marcescens* in the United States, 61:123-124.

- COOLEY, GEORGE R.**
The vegetation of Sanibel Island, Lee County, Florida, 57:269-289, pls. 1213-1221.
Phoradendron rubrum in Florida, 65:190-191.
- COOPERRIDER, TOM S.**
The occurrence and hybrid nature of an Enchanter's Nightshade in Ohio, 64:63-67, 5 figs.
- Cordilleran species in eastern North America, Three misidentified so-called, 64:117.**
- Coriaria (Coriariaceae) in the Western Hemisphere, The genus, 74:242.**
(Coriariaceae) in the Western Hemisphere, The genus *Coriaria*, 74:242.
- Cornus canadensis in northern New England, Developmental variability of, 70:278.**
- Cornus florida — cultivar or form?, Yellow-fruited, 70:568.**
- CORRELL, DONOVAN S.**
Habenaria conopsea in North America, 65:241-242.
(Correction, 67:35).
Some additions and corrections to the flora of Texas — III., 68:420-428, pl. 1335.
(— and JOHNSTON, M. C.), Manual of the vascular plants of Texas, [Review], 72:533-535.
- Correll's Native Orchids of North America north of Mexico, [Review], 53:247.**
- Corydalis bulbosa, Note on, 70:296.**
- Costa Rica, A new species of Senecio from, 67:239.**
- Costa Rica, The genus *Oleandra* of, 63:335.**
- Costa Rica, The genus *Pteris* of, 63:194.**
- COUNTRYMAN, WM. D.**
Wolffia in New Hampshire, 70:491.
Alisma gramineum in Vermont, 70:577-579.
- COWAN, RICHARD S.**
Candolleodendron, a new genus of Leguminosae (Caesalpinioideae), 68:429-432, 1 fig.
- CRAIGHEAD, FRANK C.**
(GALINAT, WALTON C. and —), Some observations on the dissemination of *Tripsacum*, 66:371-374.
- CRANDALL, DOROTHY L.**
Shortia galacifolia in Gray's Manual range, 58:38-40.
(Crassulaceae) in Canada and Alaska, A history of *Tillaea aquatica*, 56:96.
(Crassulaceae) Notes on the genus *Diamorpha*, 66:87.
- CROASDALE, HANNAH**
A correction in the names of two species of Heterokontae, 58:161-162.
- CRONQUIST, ARTHUR**
A new variety of *Solidago ulmifolia*, 57:36.
(—, KECK, DAVID DANIEL and MAGUIRE, BASSETT), Validity of Nuttall's names in Fraser's Catalogue, 58:23-24.
Fraser's Catalogue again, 59:100.
On the nomenclature of *Salix bebbiana* Sarg., 73:558-559.
- CROOKEA (Guttiferae), A re-evaluation of the generic status of *Ascyrum* and, 63:10.**
- Crooked Oaks on Cape Cod and Martha's Vineyard, 57:132.**
- CROSS, FRANK C.**
Notes on two adventive plants of the Washington, D.C. area, 52:183-184.
- Crossing diagrams, Interpretation of, 67:146.**
- CROSSWHITE, FRANK S.**
(— and KAWANO, SHOICHI), Chromosome numbers in *Penstemon* (Scrophulariaceae) I: new mitotic counts, 67:187-190, 1 fig.
An incorrect correction, 71:480.
- Croton abruptus (Euphorbiaceae) of western Texas and northern Mexico, *Croton suaveolens* and, 62:77.**
- Croton alabamensis, Disjunction and endemism in, 71:94.**
- Croton suaveolens and *Croton abruptus* (Euphorbiaceae) of western Texas and northern Mexico, 62:77.**
- Crowberries in North America, The red-fruited, 62:265.**
- Crucifer again reaches North America, A weedy, 63:345.**
- Crucifer from the Great Slave Lake area of Canada, A new, 64:324.**
(Cruciferae), *Cardamine digitata* Richardson, 54:260.
(Cruciferae) in North America, The genus *Lesquerella*, [Review], 75:622.
(Cruciferae) introduced in North America, *Alyssum*, 70:298.
(Cruciferae) native to Texas and northern Mexico, Some *Sisymbriums*, 62:55.

- (Cruciferae), Nomenclatural and taxonomic corrections in Warea, 66:18.
 (Cruciferae), Notes on American Rorippa, 63:1.
 Cruciferae of Mexico and western Texas, Miscellaneous, 59:61.
 Cruciferae of Sessé and Mociño, The American, 62:11.
 Cruciferae of the Nashville Basin, Tennessee, Some, 54:182.
 (Cruciferae), Protandry in two species of Streptanthus, 65:45.
 Cruciferae, Some new primitive Mexican, 58:148.
 (Cruciferae), The auriculate-leaved species of Lesquerella, 57:241.
 (Cruciferae), The genetic evaluation of a taxonomic character in Dithyrea, 60:145.
 (Cruciferae), The genus Subularia, 66:127.
 (Cruciferae), The genus Synthlipsis, 61:253.
 (Cruciferae), The identity of Sisymbrium pauciflorum, 68:513.
 (Cruciferae), The North American representatives of Smelowskia, 54:85.
 (Cruciferae), Thlaspi tuberosum Nutt., a taxonomic synonym of Cardamine douglassii Britt., 69:460.
 Cruciferous weed, Calepina irregularis in Virginia, A new, 59:278.
 Crucifers new to Essex County, Massachusetts, Two, 61:187.
- CRUISE, J. E.
 (— and CATLING, P. M.), A white-flowered form of Iris lacustris from Ontario, 74:271.
 Cuba, Notes on Orchids from La Bayamesa, 59:245.
 Cuchumatanea, a new genus of the Compositae (Heliantheae), 68:139.
 Culinary use for the leaf of Vitis riparia, A, 52:225.
 Cuphea sect. Leptocalyx, series Bustamentae, A re-evaluation of, 71:481.
 Cuphea, Stamen-numbers in, 52:185.
 Curlygrass in New York State, 62:294.
 Cuscuta and Phlox from Oklahoma, New species of, 73:575.
- CUSICK, ALLISON W.
 An assemblage of halophytes in northern Ohio, 72:285-286.
- Cyatheaceae, Taxonomic fern notes VI — New species of American, 74:441.
 (Cyatheaceae), The Alsophila swartziana complex, 71:7.
- Cycloloma in Maryland, 59:160.
 Cymophora (Compositae), Status of the genus, 70:241.
 Cyperaceae from Illinois, Notes on, 61:290.
 Cyperaceae, Part I., Studies in the flora of Bolivia, III., 67:97.
 Cyperus brevifolius in Fairfield County, Connecticut, 51:119.
 Cyperus ferruginescens in Vermont, 64:352.
 Cyperus fuscus in Nebraska and South Dakota, 71:433.
 ×Cyperus weatherbianus, A note on, 64:349.
 Cypripedium acaule, White phase in flower development in, 72:142.
 Cypripedium arietinum R.Br. in Nova Scotia, 56:203.
 Cypripedium calceolus L. subsp. parviflorum (Salisb.) Hult. from Alaska, New record for the Yellow Lady's Slipper Orchid, 75:491.
 (Cypripedium) in Manitoba, Natural hybrids of the Lady's Slippers, 68:53.
 Cystopteris fragilis complex, A diploid variety in the, 58:79.
 Cystopteris. I. The distribution of Cystopteris with non-spiny spores in North America, Spore studies in the genus, 63:181.
 Cystopteris with non-spiny spores in North America, Spore studies in the genus Cystopteris. I. The distribution of, 63:181.
- DAHL, EILIF
 Three misidentified so-called Cordilleran species in eastern North America, 64:117-121.
 Dahlia australis, Validation of the name, 71:565.
 Dahlia (Compositae-Heliantheae-Coreopsidinae), Revision of the genus, 71:309, 367.
 Dalea alopecuroides on Plum Island, Essex County, Massachusetts, 52:299.
- DAMMAN, A. W. H.
 The distribution patterns of northern and southern elements in the flora of Newfoundland, 67:363-392, 6 figs.
- Danish flora, A botanical atlas of the, [Review], 63:349.
- DAOUD, HAZIN S.
 (WILBUR, ROBERT L. and —), The genus Lechea (Cistaceae) in the southeastern United States, 63:103-118, 10 maps, 10 figs.

- (— and WILBUR, ROBERT L.), A revision of the North American species of *Helianthemum* (Cistaceae), 67:63-82, 201-216, 255-312, 17 maps, 1 fig.
- D'ARCY, W. G.
Annotated checklist of the Dicotyledons of Tortola, Virgin Islands, 69:385-450, 1 map.
Mock Bishop's Weed in the New World Tropics: range extensions for *Ptilimnium capilla-ceum* (Umbelliferae), 72:393-396, 1 pl.
- Dasistoma macrophylla*, The parasitic behavior of, 64:331.
- DAUBS, EDWIN H.
The occurrence of *Spirodela oligorrhiza* in the United States, 64:83-85.
- DAVIDSON, PHYLLIS E.
(DAVIDSON, ROBERT A. and —), Variance in herbarium specimen identification and other considerations based upon the preparation of a local flora, 63:207-213.
- DAVIDSON, ROBERT A.
(— and DAVIDSON, PHYLLIS E.), Variance in herbarium specimen identification and other considerations based upon the preparation of a local flora, 63:207-213.
- DAVIES, P. A.
Geographical variations in *Shortia galacifolia*, 54:121-124.
Distribution and abundance of *Shortia galacifolia*, 57:189-201.
Remarks on the Virginia location of *Shortia galacifolia*, 61:297-301.
- DAVIS, EDWARD L.
(TORREY, R. E. and —), The old Massachusetts herbarium, 55:7-14.
(— and BURNS, RICHARD L.), The use of vapor fractometry in the analysis of some New England Hops, 64:243-251.
Determination of the developmental pattern of angiospermous leaves, 67:49-54, 2 figs. pl. 1310.
- DAVIS, SHIRLEY A.
(LEWIS, WALTER H. and —), Cytological observations of *Polygala* in eastern North America, 64:102-113, 16 figs.
- DAWES, CLINTON J.
(MATHIESON, ARTHUR C., — and HUMM, HAROLD J.), Contributions to the marine algae of Newfoundland, 71:110-159, 1 fig.
- DAYTON, WILLIAM A.
Some notes on United States tree names, 54:67-79.
(— and BLAKE, SIDNEY F.), Ivar Tidestrom 1864-1956, 59:161-168, pl. 1229.
A new varietal combination in *Oxybaphus* 61:85.
- DEANE'S seedling collection, A check list of WALTER, 63:287.
- Deep-freezing flowers for laboratory instruction in systematic botany, 52:289.
- DEFILIPPS, ROBERT A.
Diploaxis tenuifolia in Illinois and other records, 66:54-55.
Parasitism in *Ximenia* (Olacaceae), 71:439-443, 2 figs.
- DEJONG, D. C. D.
(— and LONGPRE, E. K.), Chromosome studies in Mexican Compositae, 65:225-240, 35 figs.
(BEAMAN, JOHN H. and —), A new species of *Lagenophora* (Compositae) from Guatemala, 67:36-41, pl. 1309.
- Delaware, and the District of Columbia, A Fern Flora of Maryland, [Review], 56:62.
- Delaware, New or additional records of Grasses in Maryland and, 56:178.
- DEL ROSARIO, R. M.
A new species of *Asterella* from Mexico, 68:470-473, 3 figs.
- Denmark, A new botanical masterpiece from, [Review], 59:269.
- Dentaria in eastern North America, Preliminary studies in the genus, 57:161.
- Dentaria in Indiana and Ohio, 59:179.
- Dentaria laciniata* from seed, 59:267.
- Dentaria multifida* in central Ohio, 58:160.
- DERAMUS, REBECCA
(THOMAS, JOAB L. and —), The chromosome number of *Neviusia alabamensis* Gray, 66:274.
- Desmids new to Massachusetts, Flagellates and, 69:55.
- Desmodium: preliminary studies — III, 52:135.
- (Deuteromycetes), The genus *Piri-cauda*, 61:87.

- DEWOLF, GORDON P.
 (STEEVES, TAYLOR A. and —),
 Note on the varieties of *Zizania aquatica* L., 52:34.
 A note on the name *Calamintha*, 57:73-78.
 Scientific books, libraries and collectors, [Review], 58:332-334.
 Chromosome numbers in the higher plants, [Review], 59:241-244.
 Evolution of Flowering Plants, [Review], 60:262-263.
 Note on *Corydalis bulbosa*, 70:296-298.
- DEXTER, RALPH W.
 Crooked Oaks on Cape Cod and Martha's Vineyard, 57:132.
- Deyeuxia, A new name in, 66:277.
- Diagrams, Interpretation of crossing, 67:146.
- Diamorpha (Crassulaceae), Notes on the genus, 66:87.
- Diapensia lapponica, A double-flowered form of, 65:21.
- Diapensia lapponica habitat in the White Mountains, New Hampshire, Snow cover and the, 74:358.
- Diarrhena americana in Wisconsin, *Elymus arenarius* and, 62:199.
- Dicentra cucullaria f. *purpuritincta* in Quebec, 51:30.
- Dicliptera and Iresine, Illinois flora: notes on *Limnoscium*, 64:282.
- Dicotyledons of Tortola, Virgin Islands, Annotated checklist of the, 69:385.
- Dicranum arcticum occur in southern central Quebec? Does, 51:29.
- Diervilla sessilifolia in Virginia, 51:60.
- DIETERLE, JENNIE V. A.
 Sandbags as a technical aid in mounting plants, 62:322-324.
- Digitaria and Trichachne, New species of, 65:355.
- DILLON, GORDON W.
 (SCHULTES, RICHARD EVANS and —), Synopsis of the genus *Lepanthes* in Mexico, 61:1-20, pls. 1235-1236.
- Diplacrum africanum newly found in tropical America, 73:159.
- Diploxys erucoides from western United States, Erroneous record of, 55:291.
- Diploxys tenuifolia in Illinois and other records, 66:54.
- Dipsacus laciniatus in Illinois, 55:268.
- Dipsacus sylvestris, An albino form of, 60:174.
- Disporum maculatum, The chromosomes of, 55:61.
- Dissecting equipment and materials for the study of minute plant structures, 67:95.
- District of Columbia, A Fern Flora of Maryland, Delaware, and the, [Review], 56:62.
- District of Columbia and vicinity, Review of the genus *Cladonia* in the, 59:56.
- District of Columbia area, Notes on two adventive plants of the Washington, 52:183.
- District of Columbia, Erroneous record of *Borrchia frutescens* from, 53:206.
- Dithyrea (Cruciferae), The genetic evaluation of a taxonomic character in, 60:145.
- DIX, W. L.
Potentilla procumbens in the United States, 51:390-391.
- DOBBS, RAYMOND J.
 New plant records for Illinois, 54:307.
- Dodecatheon amethystinum and forma *margaritaceum* in the Missouri Ozarks, 55:226.
- Dominican flora, Novelties in the, 62:235.
- Dominican Republic, *Thelopogon elegans* Roth in the, 60:73.
- DOUGLAS, GEORGE W.
 (— and TAYLOR, RONALD J.), Contributions to the flora of Washington, 72:496-501.
- DOWNING, ANDREW JACKSON
 [Asa Gray and —: a bibliographic note], 58:243-245.
- Draba aprica in Oklahoma, 63:223.
- Draba lanceolata in the Ottawa district, 59:237.
- Draba lemmoni, 55:323.
- Draba on Clay Butte, Wyoming, 55:229.
- DRESSLER, ROBERT L.
 The genus *Tetrococcus* (Euphorbiaceae), 56:45-61, 2 figs., pls. 1199-1200.
 Some floristic relationships between Mexico and the United States, 56:81-96, 8 maps.
- DREW, W. B.
 (— and GILES, R. A.), *Epipactis helleborine* (L.) Crantz in Michigan and its general range in North America, 53:240-242.
- Drier for herbarium specimens, An electrical, 52:129.
- Drosera anglica, Evidence for the hybrid origin of, 57:105.

- Drosera filiformis* in Connecticut, 67:273.
- DROUET, FRANCIS
(HABEEB, HERBERT and —), A second list of freshwater algae chiefly from New Brunswick, 58:117-124.
- DRURY, WILLIAM H., JR.
(— and ROLLINS, REED C.), The North American representatives of *Smelowskia* (Cruciferae), 54:85-119, 3 figs., pls. 1185-1186.
The ecology of the natural origin of a species of *Carex* by hybridization, 58:51-72, 2 figs.
A needed revision, [Review], 59:272.
A posthumous edition, [Review], 59:290.
- Dryopteris dilatata* from Quebec, Diploid, 69:1.
- Dryopteris dilata* (Hoffm.) A. Gray in North America, 64:207.
- Dryopteris goldiana* × *intermedia*, A natural Wood-fern cross of noteworthy morphology, 66:255.
(*Dryopteris*) in eastern North America, The spores of four species of Spinulose Wood-Ferns, 70:340.
- Dryopteris spinulosa*, A study of variation in the cytotypes of, 68:59.
- DRYSDALE, FRANK R.
Variation of seed size in *Atriplex patula* var. *hastata* (L.) Gray, 75:106-110, 2 figs.
- DUDLEY, THEODORE R.
Alyssum (Cruciferae) introduced in North America 70:298-300.
Viburnum wurdackii, a new Peruvian species, 71:554-559, 1 fig., pl. 1428.
- DUNBAR, HENRY F.
(HOWARD, RICHARD A. and —), Additions to the flora of Inagua, The Bahamas, 66:6-15, 1 map.
Notes on the flora of a gorge of Esopus Creek, New York, 61:21-24.
- DUNCAN, WILBUR H.
Two new States for *Tridens strictus*, 52:126-127.
Synonymy in *Viburnum obovatum* and *V. cassinoides*, 52:179-183.
Stamen-numbers in *Cuphea*, 52:185-188.
(—, VENARD, HASKELL and McDOWELL, G. W.), *Shortia galacifolia* from Georgia, 52:229-232, 1 map.
- Taxonomic collections of vascular plants in the southeastern States — their abundance and relation to production of floras, 55:353-358, 1 tab., 1 fig.
(— and BROWN, CLAUD L.), Connate anthers in *Gentiana* (Gentianaceae), 56:133-136, pl. 1203.
A naturally occurring F₁ hybrid of *Monarda media* and *M. fistulosa*, 61:302-305, 1 fig.
- New Elatine (Elatinaceae) populations in the southeastern United States, 66:47-53, 4 figs.
(JONES, SAMUEL B., JR. and —), Chromosome numbers in *Vernonia* (Compositae), 68:49-52.
(YATES, IDA E. and —), Comparative studies of *Smilax*, section *Smilax*, of the southeastern United States, 72:289-312, 18 figs.
- The southern limits of *Trientalis borealis*, 72:489-492, 1 map.
(—, GARST, JOHN F. and NEECE, GEORGE A.), *Trillium persistens* (Liliaceae), a new pedicellate-flowered species from northeastern Georgia and adjacent North Carolina, 73:244-248.
(— and MELLINGER, MARIE), *Edgeworthia* (Thymelaeaceae) new to the Western Hemisphere, 74:436-439.
- DUNN, DAVID B.
A method of mounting pressed flowers for study and preservation, 56:258-260.
(HESS, LLOYD W. and —), Nomenclature of the *Lupinus argenteus* and *L. caudatus* complexes, 72:110-114.
Lupinus mexicanus Cerv. ex Lag., 74:489-494, 1 fig.
- DUPREE, A. HUNTER
Thomas Nuttall's controversy with Asa Gray, 54:293-303.
Asa Gray and Andrew Jackson Downing: a bibliographic note, 58:243-245.
- Dyssodia* (Compositae-Tagetinae) and phyletic interpretations, Chromosome numbers of, 64:2.
- Eastern White Pine, An unusual station for, 51:393.
- EASTMAN, LESLEY M.
Triphora trianthophora (Sw.) Rydb. in Maine, 71:509.
A second occurrence for *Triphora trianthophora* (Sw.) Rydb. in Maine, 74:141.

- (HODGDON, ALBION R. and —),
Chimaphila maculata (L.)
Pursh in Maine and New
Hampshire, 75:162-165.
Some new locals in the Maine
flora, 75:166-167.
- EATON, RICHARD J.
A new color form of *Polygala
paucifolia*, 54:27.
Persistence of color forms of
Polygala paucifolia, 54:27-28.
Status of *Phragmites communis*
Trin., var. *berlandieri* (Fourn.)
Fernald along the Sudbury
River in eastern Massachu-
setts, 54:135-138.
Carex molesta in Massachusetts,
59:33-36.
Echinochloa walteri in Concord,
Massachusetts, 59:262-265.
Note on the habitat of *Aster
ptarmicoides*, 59:308.
The spontaneous flora of an old
house-lot in eastern Massachu-
setts, 60:61-73.
(BEAN, RALPH C., HILL, A. F.
and —), Twelfth report of the
Committee on plant distribu-
tion, 60:297-305.
Some interesting records from
eastern Massachusetts, 60:316-
320.
Additional notes on vegetative
reproduction in *Carex tribu-
loides* and *C. projecta*, 61:294-
295.
(BEAN, RALPH C., HILL, A. F.
and —), Thirteenth report of
the Committee on plant distri-
bution, 62:108-116.
Vegetative reproduction in *Carex
longii* and *C. vexans*, 62:338-
339.
(BEAN, RALPH C., HILL, A. F.
and —), Fourteenth report of
the Committee on plant distri-
bution, 63:47-55.
A check list of Walter Deane's
seedling collection, 63:287-289.
(BEAN, RALPH C., HILL, A. F.
and —), Corrections in reports
of the Committee on plant distri-
bution, 63:348.
(BEAN, RALPH C., HILL, A. F.
and —), Fifteenth report of
the Committee on plant distri-
bution, 64:168-179.
Cyperus ferruginescens in Ver-
mont, 64:352-353.
(BEAN, RALPH C., HILL, A. F.
and —), Sixteenth report of
the Committee on plant distri-
bution, 65:26-34.
(BEAN, RALPH C., HILL, A. F.,
— and HARRIS, STUART KIM-
BALL), Seventeenth report of
the Committee on plant distri-
bution, 69:306-318.
(BEAN, RALPH C., HILL, A. F.,
— and HARRIS, STUART KIM-
BALL), A correction in the six-
teenth report of the Committee
on plant distribution, 69:318.
The diagnostic value of fresh ma-
ture drupes of *Viburnum rec-
ognitum* and *V. dentatum*, 70:
288-289.
Chrysopsis mariana in New Eng-
land, 74:152-153.
- EBINGER, JOHN E.
Wallpaper cleaner in the her-
barium, 61:147-148.
The varieties of *Luzula acumi-
nata*, 64:74-83, 1 fig.
Echinacea tennesseensis (Beadle)
Small, Rediscovery of, 73:304.
Echinochloa muricata, Note on, 58:
331.
Echinochloa, Nomenclatural change
in the grass genus, 58:48.
Echinochloa, Some notes on, 51:1.
Echinochloa walteri in Concord, Mas-
sachusetts, 59:262.
Echinodorus in the American Tropics,
57:133, 174, 202.
Edgeworthia (Thymelaeaceae) new to
the Western Hemisphere, 74:436.
Edible Mushrooms, [Review], 54:120.
- EDWARDS, MAURICE E.
Iris verna L.: lectotype and
variety description, 71:212-214.
- EDWIN, GABRIEL
A quicker more satisfactory
method for soaking and re-
pressing dried plant specimens,
53:113-114.
Notes on *Ilex*, 59:20-23.
- EHRLE, ELWOOD B.
A cytotaxonomic study of the
genus *Achillea* in Pennsyl-
vania, 60:7-9, 1 fig.
Eleocharis acicularis in acid mine
drainage, 62:95-97.
Elaeagnus commutata, Note on, 62:29.
Elatine (Elatinaceae) populations in
the southeastern United States,
New, 66:47.
Elatine *triandra* in New York, 60:58.
(Elatinaceae) populations in the
southeastern United States, New
Elatine, 66:47.
Electrical drier for herbarium speci-
mens, An, 52:129.

- Eleocharis acicularis* in acid mine drainage, 62:95.
- Eleocharis obtusa-ovata* complex, The, 55:1.
- Elephantopus elatus*, The status and distribution of, 61:309.
- ELEUTERIUS, L. N.
(— and JONES, SAMUEL B., JR.),
A floristic and ecological study of Pitcher Plant bogs in south Mississippi, 71:29-34.
- ELLIOTT, H. VINCENT
A new locality for *Orchis rotundifolia* var. *lineata*, 62:174.
(— and COOK, FRANK S.), *Listera ovata* (L.) R.Br. in the Bruce Peninsula, Ontario, 72:274-275.
- ELLISON, WILLIAM L.
A systematic study of the genus *Bahia* (Compositae), 66:67-86, 177-215, 281-311, 63 figs.
- Elm from Ontario, A buttressed, 65:366.
- Elm, The propagation of the Camperdown, 54:55.
- Elodea* correct without being conserved, 58:162.
- Elodea*; Part 4 and summary, Monograph of the genus, 67:1, 155.
- Elsholtzia ciliata* in Essex County, Massachusetts, 61:63.
- ×*Elyhordeum* and comments, Hybridization within the Triticeae of Alaska: a new, 70:467.
- Elymus arenarius* and *Diarrhena americana* in Wisconsin, 62:199.
- Elymus arenarius* to Illinois, A note on the ascription of, 64:284.
- Elymus* from Alaska, A new, 58:144.
- Elymus*, Interspecific hybridization in eastern, 56:185.
- Elymus*, Pine Hills, 69:330.
- Elymus riparius* in Illinois, 55:156.
- Elymus* with setaceous glumes, Taxonomic and genetic relationships of eastern North American species of, 69:121.
- EMERY, W. H. P.
Some chromosome numbers in the genus *Callirhoë* (Malvaceae), 58:100-102.
- Empetrum nigrum*, Fasciation in, 66:62.
- Enchanter's Nightshade in Ohio, The occurrence and hybrid nature of, 64:63.
- Epidendrum conopseum* in Mississippi, *Eulophia ecristata* and, 67:48.
- Epifagus virginiana*, 57:71.
- Epilobium hirsutum* (Great Hairy Willow-herb) in North America, Distributional history of, 72:164.
- Epilobium latifolium* L., Another color form of, 55:268.
- Epilobium* ×*wisconsinense*, hybr. nov., 65:274.
- Epipactis helleborine* again, 51:162.
- Epipactis helleborine* in Illinois, 57:131.
(*Epipactis helleborine*) in Maine, *Helleborine*, 62:142.
- Epipactis helleborine* (L.) Crantz in Michigan, and its general range in North America, 53:240.
- Equisetum* from Peninsula Florida, 74:526.
- Eragrostis curvula* from Illinois, 63:148.
- Eragrostis curvula* in Missouri, 56:273.
- Eragrostis domingensis* (Pers.) Steud. new to the United States, 71:479.
- Eragrostis plana* in South Carolina, 72:188.
- Eragrostis tracyi* from Sanibel Island, Florida, The extended distribution of, 67:312.
- Erianthus alopecuroides*, An unusual, 66:268.
- Erie Archipelago (Ontario), Additions to the flora of the, 55:224.
- Erigenia*, a genus new to Oklahoma, 66:311.
- Erigeron* L. (Compositae), A new Alaskan species of, 75:116.
- Eriochloa* and *Jussiaea*, Illinois flora: notes on, 61:307.
- Eriogonum harperi* Goodman in Tennessee, 74:154.
- Eriophorum*, Two color-forms in, 53:208.
- Eriosorus*, Notes on the fern genus, 65:56.
- Errors in Gray's Manual, Misprints and other typographical, 52:280.
- ERSKINE, DAVID S.
Species newly or rarely reported from Nova Scotia and Cape Breton Island, 53:264-271.
Northeastward range extensions for two species of *Hypericum* in Nova Scotia, 57:132.
- ERSKINE, J. S.
Additions and extensions to the flora of Nova Scotia, 55:17-20.
Cypripedium arietinum R.Br. in Nova Scotia, 56:203-204.
(SMITH, E. C. and —), Contributions to the flora of Nova Scotia, IV., 56:242-252.

- Additions to the flora of St. Paul Island, Nova Scotia, 58:245-249.
- Eucnide*, A revision of, 61:231.
- Eugenias*, Notes on some Jamaican, 59:303.
- Eulophia ecristata* in Mississippi, *Epidendrum conopseum* and, 67:48.
- Eupatorium bellidifolium* and its allied species, Studies in *Eupatorium* (Compositae) I., Revision of, 71:566.
- Eupatorium* (Compositae), I. Revision of *Eupatorium bellidifolium* and allied species, Studies in, 71:566.
- Eupatorium* (section *Hebeclinum*), Studies in *Eupatorieae* (Compositae) II. A new species of, 71:577.
- Eupatorium* species new to Connecticut, Two, 70:455.
- Euphorbia maculata*, Typification of, 62:134.
- Euphorbia maculata* L., Typification of, 55:241.
- Euphorbia* subgenus *Chamaesyce*, The application of the Linnaean names of some New World species of, 68:155.
- (*Euphorbiaceae*) in the United States, A preliminary revision of *Tragia*, 69:241.
- (*Euphorbiaceae*) new to the United States, Two species of *Chamaesyce*, 67:185.
- (*Euphorbiaceae*) of western Texas and northern Mexico, *Croton suaveolens* and *Croton abruptus*, 62:77.
- (*Euphorbiaceae*) of western Texas, The Noseburn (*Tragia*, 64:137.
- (*Euphorbiaceae*), The genus *Reverchonia*, 65:193.
- (*Euphorbiaceae*), The genus *Tetracoccus*, 56:45.
- Euphrasia* L. — III, Studies in the genus, 54:145.
- Euphrasia micrantha* new to North America, 60:307.
- Europe, Relationship of *Heracleum lanatum* Michx. of North America to *Heracleum sphondylium* of, 73:578.
- EVANS, A. MURRAY
(— and WAGNER, WARREN H., JR.), *Dryopteris goldiana* × *intermedia* — a natural Woodfern cross of noteworthy morphology, 66:255-266, 2 figs., pls. 1302-1303.
- EVANS, ALEXANDER W.
[Long life to —], 52:49-51.
Notes on the *Cladoniae* of Connecticut — IV., 52:77-123, pl. 1161.
Cladonia ecmocyna in North America, 54:261-271.
Cladonia subrangiformis in North America, 56:266-272.
[—, 1868-1950], [Biographical sketch], 62:245-250, 1 photo.
- EVANS, DAN K.
(MOHLENBROCK, ROBERT H. and —), Illinois field and herbarium studies, 74:142-151.
- EVERS, ROBERT A.
Setaria faberii in Illinois, 51:391-392.
Andropogon elliottii Chapm. in Illinois, 52:45-46.
Four plants new to the Illinois flora, 53:111-113.
Two plants new to the Illinois flora, 58:49-50.
(THIERET, JOHN W. and —), Notes on Illinois grasses, 59:123-124.
(— and THIERET, JOHN W.), New plant records: Illinois and Indiana, 59:181.
Further notes on the Illinois flora, 60:142-144.
Illinois flora: notes on *Eriochloa* and *Jussiaea*, 61:307-309.
Illinois flora: notes on *Limnoscium*, *Dicliptera* and *Iresine*, 64:282-283.
Illinois flora: notes on *Leptochloa* and *Lycopodium*, 66:165-167.
- Evolution of Flowering Plants, [Review], 60:262.
- Evolution of plant species, Stages in the, [Review], 54:140.
- EWAN, JOSEPH
Some Irish naturalists, [Review], 53:95.
New Zealand botanists, [Review], 53:271-272.
Nuttall's diary of 1810 and some inquiring, [Review], 54:234-236.
Correa da Serra and American Botany, [Review], 58:45-48.
Humboldt and American Botany, [Review], 58:191-197.
Susan McKelvey's history: an appreciation with some incidental inquiring and addenda, [Review], 59:182-184.

- Contemporary notes on Powell's expeditions in the West, [Review], 63:179-180.
- John Bachman and the Happoldt European Journal, [Review], 64:92-94.
- Makers of North American Botany, [Review], 64:186-190.
- John Goldie and the republication of his diary, [Review], 70:457-461.
- EYDE, RICHARD H.
The discovery and naming of the genus *Nyssa*, 61:209-218.
(— and TEERI, JAMES A.), Floral anatomy of *Rhexia virginica* (Melastomataceae), 69:163-178, 11 figs., pls. 1351-1352.
- Fagus grandifolia*, Southeastern limit of, 69:51.
- FAHEY, ELIZABETH M.
The repopulation of intertidal transects, 55:102-108.
- FAIRBROTHERS, DAVID E.
Nomenclatural change in the grass genus *Echinochloa*, 58:48-49.
- FANTZ, PAUL R.
(LEWIS, WALTER H. and —), Tribal classification of *Triosteum* (Caprifoliaceae), 75:120-121.
- FARMER, JOE A.
(— and THOMAS, JOAB L.), Disjunction and endemism in *Croton alabamensis*, 71:94-103, 1 map, 3 figs.
- FARUQI, SHAMIM A.
(—, CELARIER, ROBERT P. and MEHRA, K. L.), The taxonomy of *Setcreasea ovata*, 64:68-73, 6 figs.
(—, MEHRA K. L. and CELARIER, ROBERT P.), A new species of *Setcreasea* from Mexico, 64:329-331.
(— and MEHRA, K. L.), Biosystematics of *Setcreasea brevifolia*, 72:264-271.
- Fasciation in *Empetrum nigrum*, 66:62.
- Fascicle of novelties, A small, 52:61.
- FASSETT, NORMAN CARTER
Some notes on *Echinochloa*, 51:1-3.
Herbarium technique, 51:59-60.
(JONES, ELIZABETH KIRK and —), Subspecific variation in *Sporobolus cryptandrus*, 52:125-126.
- Callitriche* in the New World, 53:137-155, 161-182, 185-194, 209-222, 24 figs., pls. 1167-1175.
- Uses of cellulose acetate in the herbarium, 54:286-288.
- Temporal variation, 54:303-305, 2 figs.
[—, 1900-1954], [Obituary notice], 56:233-242.
- Echinodorus* in the American Tropics, 57:133-156, 174-188, 202-212, 18 maps, 76 figs.
- FAUST, W. Z.
(— and JONES, S. B., JR.), The systematic value of trichome complements in a North American group of *Vernonia* (Compositae), 75:517-528, 3 figs.
- Fern, A new station for the Massachusetts, 65:309.
- Fern allies of Chihuahua, The Ferns and, [Review], 64:347.
- Fern allies of New Hampshire, Scamman's Ferns and, [Review], 52:228.
- Fern flora of Maryland, Delaware and the District of Columbia, A, [Review], 56:62.
- Fern genus *Eriosorus*, Notes on the, 65:56.
- Fern genus *Pellaea*, Comparison of sexual and apogamous races in the, 70:1.
- Fern in Wisconsin, Discovery of the Massachusetts, 67:399.
- Fern new to Rhode Island, A, 63:46.
- Fern notes V. New combinations in Peruvian species of *Thelypteris*, Taxonomic, 69:5.
- Fern notes VI. New species of American *Cyatheaceae*, Taxonomic, 74:441.
- Fern notes IV. Some American Vit-taroid ferns, Taxonomic, 66:110.
- Fern notes, Taxonomic I., 63:70.
- Fern *Pellaea atropurpurea*, Spores, chromosomes and relations of the, 74:220.
- Fern *Platyzoma microphyllum*, Some new aspects of the, 63:91.
- FERNALD, MERRITT LYNDON
An abbreviated flora of Maine, [Review], 51:5-8.
A most useful series of illustrations, [Review], 51:31-32.
(— and SCHUBERT, BERNICE G.), Some identities in *Breweria*, 51:35-43, pls. 1121-1129.
Studies of eastern American plants, 1. Blackberries, old and new, 51:43-51, pls. 1130-1132.

- Studies of eastern American plants, 2. Rhizome-characters in and minor forms of *Viola*, 51:51-57, pls. 1133-1136.
- Studies of eastern American plants, 3. Some varieties in *Oenothera*, 51:61-70, pls. 1137-1143.
- Studies of eastern American plants, 4. Emendations in the order Tubiflorae, 51:70-85, pls. 1144-1145.
- Chenopodium hybridum* var. *standleyanum* (Aellen) comb. nov., 51:92.
- Studies of eastern American plants, 5. Some northern *Astereae*, 51:93-103, pls. 1146-1150.
- Studies of eastern American plants, 6. Transfers and minor variations, 51:103-104.
- Hypericum adpressum*, forma *spongiosum* (Robinson) stat. nov., 51:112.
- Grasses of North Carolina (a friendly critique), [Review], 51:124-128.
- Charles Alfred Weatherby, botanist and helper of botanists (with portrait), 51:169-179.
(— and SCHUBERT, BERNICE G.), Bibliography of Charles Alfred Weatherby, 51:179-191.
- Errors of citation in *Agrostis* and *Convolvulus*, 51:192-193.
- An indispensable bibliography, [Review], 51:365-367.
- Three additions to the flora of Nova Scotia, 52:18-19.
- Betula michauxii*, a brief symposium, 1. Introductory note, 52:25-27.
- Alchemilla alpina* in Colorado, 52:47-48.
- Long life to Alexander W. Evans, 52:49-51.
- A small fascicle of novelties, 52:61-71, pls. 1157-1160.
(— and SCHUBERT, BERNICE G.), *Arenaria uniflora*, 52:71-72.
- Potamogeton oblongus*, not *P. polygonifolius*, 52:128.
- Need for caution regarding certain collections, 52:175-179.
- The hybrid of *Lysimachia terrestris* and *L. thyrsiflora*, 52:199-201.
- Adiantum capillus-veneris* in the United States, 52:201-208.
- Shrubs of Michigan, [Review], 52:208.
- The North American variety of *Milium effusum*, 52:218-222.
- Galium hircynicum*; a problem in interpreting the International Rules, 52:222-224.
- [Death of —], 52:245.
- The validity of the generic name *Pteretis*, 52:246-247.
- The seeming invalidity of some substitutes for the name *Habenaria straminea*, 52:247-249.
- Our American forms of *Stellaria alsine*, 52:250-251.
- Why so many careless books on trees and other plants? 52:272-279.
- Arnica mollis* and *A. lanceolata*, 52:284-288.
- Botanizing on the Gaspé Peninsula 1902-1904, 53:1-22.
- [—, 1873-1950], [Obituary notice], 53:33-39, pl. 1163.
- [— as a botanist], 53:56-61, pl. 1164.
- [— as a reviser of Gray's Manual], 53:44-55, 1 fig.
- [— as a teacher], 53:39-43.
- [— in the field], 53:61-65.
- Ferns allied to *Sphaeropteris horrida*, The American tree, 73:1.
- Ferns, An annotated bibliography of Mexican, [Review], 69:62.
- Ferns and Fern allies of Chihuahua, The, [Review], 64:347-348.
- Ferns and Fern allies of New Hampshire, Scamman's [Review], 52:288.
- Ferns, Cytotaxonomic observations of North American, 57:219.
- Ferns from Central and South America, New species of, 62:1.
- Ferns, *Gymnocarpium*, New data on North American Oak, 68:121.
- Ferns, Notes on Lesser Antillean, 63:31; — II., 68:464.
- Ferns on Bear Mountain, Hebron, New Hampshire, Notable, 73:462.
- Ferns: *Pellaea atropurpurea* and *Pellaea glabella* var. *glabella*, Chromosome pairing in obligately apogamous, 75:122.
- Ferns, Taxonomic Fern notes IV., Some American Vittaroid, 66:110.
- Festuca arundinacea* and *F. pratensis* in the United States, Notes on, 70:564.
- Festuca pratensis* in the United States, Notes on *Festuca arundinacea* and, 70:564.
- Filago arvensis* in Michigan: a second North American record, 55:228.
- Fir, *Abies balsamea*, Variation in cone morphology of Balsam, 70:83.

- FISHER, T. RICHARD**
 (— and WELLS, JAMES R.),
 Heteromorphic pollen grains in
 Polymnia, 64:336-340, pl. 1273.
 (SETTLE, WILBUR T. and —),
 The varieties of *Silphium in-*
tegrifolium, 72:536-543, 3 figs.
 Flagellates new to Massachusetts,
 Desmids and, 69:55.
Fleischmannia and *Conoclinium*
 (Compositae, Eupatorieae) in east-
 ern North America, 73:566.
 Flora North America launched, [An-
 nouncement], 69:63.
 Flora, Variance in herbarium speci-
 men identification and other con-
 siderations based upon the prepara-
 tion of a local, 63:207.
 Florida, A new species of *Justicia*
 from, 61:183.
 Florida, A new species of *Vicia*
 (Leguminosae) in, 60:256.
 Florida, Additions and nomenclatural
 changes in the flora of southern,
 72:17.
 Florida, *Equisetum* from Peninsula,
 74:526.
 Florida, *Hymenocallis littoralis* from,
 59:99.
 Florida, Nomenclatural clarification
 of two species of *Verbesina* (Com-
 positae) endemic to, 74:97.
 Florida, Observations regarding the
 occurrence and relationships of
Ruella lorentziana (Acanthaceae)
 in southern, 68:432.
 Florida, Occurrence of *Murdannia*
spirata in, 70:571.
 Florida, Omissions in key to *Xyris*
 in, 63:205.
 Florida, *Phoradendron rubrum* in,
 65:190.
 Florida, Some preliminary statistics
 of the flora of southern, 71:495.
 Florida, The extended distribution of
Eragrostis tracyi from Sanibel
 Island, 67:312.
 Florida, The genus *Xyris*, in, 62:295.
 Florida, The vegetation of Sanibel
 Island, Lee County, 57:269.
 Flowers for laboratory instruction in
 systematic botany, Deep freezing,
 52:289.
- FOGG, JOHN M., JR.**
 Fernald as a teacher, 53:39-43.
 Bayard Long (1885-1969), 72:
 130-136, 1 photo.
- FOLKERTS, GEORGE W.**
 (MOHLENBROCK, ROBERT H., OZ-
 MENT, JAMES E. and —), Addi-
 tions to the flora of Illinois,
 64:356-358.
- FORE, PAUL L.**
 (— and MOHLENBROCK, ROBERT
 H.), Two new *Naidads* from
 Illinois and distributional rec-
 ords of the *Naiadaceae*, 68:216-
 220.
Forestiera (Oleaceae), Typification
 of the genus, 60:327; 61:293.
 Formaldehyde and alcohol in plant-
 collecting, A substitute for, 52:123.
 Formaldehyde for use in botanical
 collecting, Paraformaldehyde as a
 source of, 59:299.
- FOSBERG, F. R.**
 Official plant names? 52:1-7.
 Typification of *Euphorbia macu-*
lata L., 55:241-243.
 A buttressed Elm from Ontario,
 65:366.
 (— and BLUNT, TERRY), Vernon
 Black Gum Swamp [Vermont],
 72:280-282.
- FOSTER, ROBERT C.**
 Some new names in South Ameri-
 can *Gentiana*, 56:103.
 Three changed authorities for
 combinations, 60:86.
 Studies in the *Iridaceae*, VII., 64:
 291-312.
 Studies in the flora of Bolivia
 III — *Cyperaceae*, Part I., 67:
 97-138.
 Studies in the flora of Bolivia IV.
Gramineae, 68:97-120, 223-240,
 241-358.
 A new Argentine *Sisyrinchium*,
 72:287.
- FOX, WILLIAM B.**
 (— and GODFREY, R. K.), Notes
 on distribution of North Caro-
 lina plants — I., 51:129-146.
 (—, GODFREY, R. K. and BLOM-
 QUIST, H. L.), Notes on distri-
 bution of North Carolina
 plants — II., 52:253-271.
 (—, GODFREY, R. K. and BLOM-
 QUIST, H. L.), Notes on distri-
 bution of North Carolina plants
 — III., 54:165-182.
- FRALICK, RICHARD A.**
 (MATHIESON, ARTHUR C., SWAN,
 EMERY, and —), An abnormal
 specimen of *Laminaria digitata*
 (L.) Lamouroux, 74:127-130,
 3 figs.
 (MATHIESON, ARTHUR C. and —),
 Investigations of New England
 marine algae V. The algal
 vegetation of the Hampton-
 Seabrook estuary and the open
 coast near Hampton, New
 Hampshire, 74:406.

- (MATHIESON, ARTHUR C. and —),
Benthic algae and vascular
plants of the lower Merrimack
River and adjacent shoreline,
75:52-64, 1 fig.
- Fraser's Catalogue again, 59:100.
- Fraser's Catalogue, Non-validity of
Nuttallian names in, 57:290.
- Fraser's Catalogue, Nuttall not the
author of, 58:281.
- Fraser's Catalogue, Validity of Nut-
tall's names in, 58:23.
- Fraser's 1813 Catalogue, On the
names in, 70:25.
- Freeze-dry technique for the plant
collector, A, 70:410.
- French's Shooting Star in southern
Illinois, 57:325.
- FRIDRICH, JAMES H.
(—, RICH, AVERY E. and SHIGO,
ALEX L.), Fungi isolated from
the fruits and seeds of some
northern hardwood trees, 73:
306-308.
- FRIEDLANDER, HERBERT
(HODGDON, ALBION R. and —),
Additions to the Harris "Flora
of Windham, New Hampshire",
51:107-112.
- Froelichia gracilis in Maryland, 58:
35.
- Frog Spit and Pond Scum, [Review],
53:292.
- FULLER, STEPHEN W.
(MATHIESON, ARTHUR C. and —),
A preliminary investigation of
the benthonic marine algae of
the Chesapeake Bay region, 71:
524-534, 1 fig.
- Fungi from Massachusetts, Interest-
ing, 61:127.
- Fungi isolated from the fruits and
seeds of some northern hardwood
trees, 73:306.
- Fungus flora of northeastern North
America, Contributions to the, 62:
186; — II., 64:126; — III., 65:289;
— IV., 68:175; — V., 71:177.
- Funiculus of Acacia confusa Merrill,
The extraordinary, 56:229.
- GÄRTNER'S De Fructibus et Semini-
bus Plantarum, Dates of publica-
tion of, 62:81.
- GAISER, LULU O.
Further distribution of Butomus
umbellatus in the Great Lakes
region, 51:385.
Some rarely collected Mexican
Brickellias, 54:229-232.
Chromosome studies in Kuhniinae
(Eupatorieae) I. Brickellia, 55:
253-267, 269-288, 297-321, 328-
345, 89 figs., pls. 1194-1196.
- (ZAVITZ, C. HAROLD and —),
Notes on Triphora triantho-
phora in Ontario, 58:31-35.
- Galapagos Islands, A new species of
Physalis from the, 70:408.
- Galapagos Islands, Correction in book
review, Flora of the, 75:323.
- Galapagos Islands, Flora of the, [Re-
view], 75:140.
- GALINAT, WALTON C.
(— and CRAIGHEAD, FRANK C.),
Some observations on the dis-
semination of Tripsacum, 66:
371-374.
- Galinsoga ciliata (Compositae): its
arrival and spread in the north-
eastern United States, 72:386.
- Galium hircynicum: a problem in
interpreting the International
Rules, 52:222.
- Galium (Rubiaceae), Distributional
and nomenclatural notes on, 59:38.
- GANGI, DOMINIC P.
(HODGDON, ALBION R. and —),
Carya ovalis and Carya glabra
in Durham, New Hampshire
and vicinity, 51:150-152.
- GARAY, LESLIE A.
The present status of the recently
described genus Teuscheria, 61:
35-42, 10 figs.
In Memoriam Charles Schwein-
furth, 1890-1970, 74:71-75, 1
photo.
- GARST, JOHN F.
(DUNCAN, WILBUR H., — and
NEECE, GEORGE A.), Trillium
persistens (Liliaceae), a new
pedicellate-flowered species for
northeastern Georgia and adja-
cent North Carolina, 73:244-
248.
- Gaspé Peninsula 1902-1904, Botaniz-
ing on the, 53:1.
- GATES, BURTON N.
An electrical drier for herbarium
specimens, 52:129-134, pl. 1162.
Germination of spores of Isoetes
tuckermani A.Br. in their
natural habitat, 56:226-227.
Cabomba caroliniana grows in
Worcester County, Massachu-
setts, 60:321-323.
- GATES, R. RUGGLES
A conspectus of the genus Oeno-
thera in eastern North Amer-
ica, 59:9-17.
Experiments and observations
bearing on evolution in Oeno-
thera, 60:37-40.

- Gaultheria procumbens*, An albino fruited form of, 63:346.
- Gentian of the Desert, The autumnal perennial, 52:68.
- Gentiana austromontana*, a new species from the southern Appalachians, 66:402.
- Gentiana* (Gentianaceae), Connate anthers in, 56:133.
- Gentiana puberulenta* sp. nov., a known but unnamed species of the North American Prairies, 68:209.
- Gentiana*, Some new names in South American, 56:103.
- (Gentianaceae), A revision of *Bartonia* and *Obolaria*, 61:43.
- (Gentianaceae), A revision of the North American genus *Sabatia*, 57:1, 43, 78.
- (Gentianaceae), Biosystematic studies in the North American genus *Sabatia*, 73:309.
- Geocaulon lividum* in New England, 67:407-409.
- Georgia, An undescribed dwarf species of *Amorpha* from, 56:261.
- Georgia, Floristic changes with Pitcher Plant habitats in, 66:375.
- Georgia, *Hedyotis australis* in, 65:271.
- Georgia, *Shortia galacifolia* from, 52:229.
- Georgia and adjacent North Carolina, *Trillium persistens* (Liliaceae), a new pedicellate-flowered species from northeastern, 73:244.
- Geotropism in *Chelone*, Late negative, 62:173.
- Geranium maculatum* L.: new for South Dakota, *Trillium cernuum* L. and, 72:554.
- Germination and developmental morphology of seeds in *Utricularia cornuta* Michx. and *Utricularia juncea* Vahl, 73:541.
- Germination of spores of *Isoetes tuckermanni* A.Br. in their natural habitat, 56:226.
- GIBSON, DOROTHY
Late negative geotropism in *Chelone*, 62:173.
- GIGUERE, P.
(HODGDON, ALBION R., —, KROCHMAL, STANLEY B. and RIEL, A.), New Potamogeton records in New Hampshire, 54:237-246.
- GILES, R. A.
(DREW, W. B. and —), *Epipactis helleborine* (L.) Crantz in Michigan and its general range in North America, 53:240-242.
- GILL, L. S.
Chromosome number of *Lysimachia ciliata* L., 73:556-557, 1 fig.
(— and CHINNAPPA, C. C.), A note on the karyology of *Happappus spinulosus* (Pursh) DC. ssp. *typicus*, 75:220-224, 8 figs.
- GILLESPIE, JAMES P.
(POHL, RICHARD W. and —), Distributional and cytological notes on *Salsola collina*, 61:265-267, 1 fig.
- GILLETT, GEORGE W.
A systematic treatment of the *Phacelia franklini* group, 62:205-222, 5 figs.
Genetic barriers in the *Cosmanthus Phacelias* (Hydrophyllaceae), 66:359-367, 1 fig.
Genotypic variation in the *Phacelia hirsuta* complex, 67:42-48, 2 figs.
Genotypic variation in the *Phacelia strictiflora* complex, 67:139-145, 3 figs.
- GILLETT, JOHN M.
A revision of *Bartonia* and *Obolaria* (Gentianaceae), 61:43-62, 4 maps.
- GILLIS, WILLIAM T.
The systematics and ecology of Poison-ivy and the Poison-oaks (*Toxicodendron*, Anacardiaceae), 73:72-159, 161-237, 370-443, 465-540, 62 figs.
(—, HOWARD, RICHARD A. and PROCTOR, GEORGE R.), Additions to the Bahama flora since Britton and Millspaugh — I., 75:411-425.
- Gisekia pharnacioides*, a new weed, 63:226.
- Glandularity in *Rubus allegheniensis* Porter, 64:161.
- GLASSMAN, SIDNEY F.
Notes on the grass flora of the Chicago region, 59:230-235.
(THIERET, JOHN W. and —), Grasses new to Illinois and the Chicago region, 60:264.
Notes on the grass flora of the Chicago region. II., 63:130-138.
Nomenclatural changes in the family Palmae, 65:259-261.
New records of grasses from the Chicago region and lower Michigan, 65:284-285.
- Glaucium flavum* Crantz from Cape Cod, 71:540.

- GLEASON, H. A.
 Pedanticism runs amuck, 57:332-335.
 On authors' citation in plant names, 58:88-93.
 Two new stations for *Carex picta*, 60:175.
- GLIME, JANICE M.
 Zonation of Bryophytes in the headwaters of a New Hampshire stream, 72:276-279.
- Glyceria acutiflora* in Lee, New Hampshire, *Glyceria septentrionalis* and, 54:25.
- Glyceria septentrionalis* and *G. acutiflora* in Lee, New Hampshire, 54:25.
- Gnaphalium supinum*, A new Mt. Washington station for, 72:555.
- GODFREY, R. K.
 A change of status for two species of *Chrysopsis*, 51:113-115.
 (FOX, WILLIAM B. and —), Notes on distribution of North Carolina plants — I., 51:129-146.
 (FOX, WILLIAM B., — and BLOMQUIST, H. L.), Notes on distribution of North Carolina plants — II., 52:253-271.
 (FOX, WILLIAM B., — and BLOMQUIST, H. L.), Notes on distribution of North Carolina plants — III., 54:165-182.
 (WOOD, CARROLL E., JR. and —), *Pinguicula* (Lentibulariaceae) in the southeastern United States, 59:217-230, 31 figs.
 Some identities in *Halesia* (Styracaceae), 60:86-88, pl. 1231.
 (— and KRAL, ROBERT), A new species of *Vicia* (Leguminosae) in Florida, 60:256-258, 6 figs.
Gisekia parnacioides, a new weed, 63:226-228, 1 fig.
 (ADAMS, WILLIAM PRESTON and —), Observations on the *Sagittaria subulata* complex, 63:247-266, 17 figs.
- GOLDIE, JOHN
 [— and the republication of his diary], 70:457.
- GOODALE, ALFRED SHEPARD
 [Obituary notice], 53:183.
- GOODMAN, GEORGE J.
 A new variety in *Saxifraga*, 52:183.
 A new species of *Streptanthus*, 58:354-355.
- Goodyera tessellata* in Rhode Island, 52:279.
- Gorgonidium* (Araceae), The geographic location of, 65:68.
- GOULD, F. W.
 (— and LONARD, R. I.), *Eragrostis plana* in South Carolina, 72:188.
- GRAHAM, SHIRLEY A.
 A re-evaluation of *Cuphea*, sect. *Leptocalyx*, series *Bustamantae*, 71:481-493, 3 figs.
 (Gramineae), A new intergeneric hybrid involving *Oryzopsis* and *Stipa*, 59:273.
 (Gramineae) from North America, A new species of *Calamovilfa*, 72:72.
 (Gramineae), Illegitimacy of Person's species of *Koeleria*, 58:93.
 (Gramineae) in Louisiana and Mississippi, *Paspalum minus*, 68:94.
 (Gramineae) in the United States: taxonomic and floristic status, *Arthraxon hispidus*, 73:39.
 (Gramineae), Phytogeographic notes on *Rottboellia*, *Paspalum* and *Miscanthus*, 65:146.
 Gramineae, Studies in the flora of Bolivia, IV., 68:97, 223, 241.
 (Gramineae), The authorities for *Torreyochloa fernaldii*, 52:53.
 Grass flora of the Chicago region, Notes on the, 59:230; II., 63:130.
 Grass genus *Echinochloa*, Nomenclatural changes in the, 58:48.
 Grasses apparently new to Massachusetts, Three, 62:262.
 Grasses from the Chicago region and lower Michigan, New records of, 65:284.
 Grasses in Maryland and Delaware, New or additional records of, 56:178.
 Grasses new to Essex County, Massachusetts, Two, 61:247.
 Grasses new to Illinois and the Chicago region, 60:264.
 Grasses, New combinations in, 63:24.
 Grasses new to West Virginia, Some, 51:106.
 Grasses, Notes on North Texas, 56:25.
 Grasses of Boone County, Missouri, Additional notes on, 55:289.
 Grasses of North Carolina (a friendly critique), [Review], 51:124.
- GRASSHOFF, J. L.
 (— and BEAMAN, JOHN H.), Studies in *Eupatorium* (Compositae) I. Revision of *Eupatorium bellidifolium* and allied species, 71:566-576, pl. 1429.
 (— and BEAMAN, JOHN H.), Studies in *Eupatorium* (Compositae) II. A new species of

- Eupatorium (section Hebeclinum), 71:577-579, pl. 1430.
- GRAUSTEIN, JEANNETTE E.**
Nuttall in 1815, 56:253-257.
The date of Pursh's *Flora Americae Septentrionalis*, 56:275.
Nuttall's quarrel with Pursh, 58:20-22.
Thomas Nuttall naturalist explorations in America 1808-1841, [Review], 70:429-438.
- GRAY, ASA**
[Thomas Nuttall's controversy with —], 54:293.
[— and Andrew Jackson Downing: a bibliographic note], 58:243.
Gray's Manual, Misprints and other typographical errors in, 52:280.
Gray's Manual of Botany, The eighth edition of, [Review], 52:226.
Gray's Manual range, *Chrysanthemum lacustre* Brotero new to, 72:250.
Gray's Manual range, *Magnolia grandiflora* in, 66:159.
Gray's Manual range, Notes on some roses in the, 56:70.
Gray's Manual range, *Shortia galacifolia* in, 58:38.
Gray's Manual range, *Stipulicida* in, 69:59.
- GREAR, JOHN W. JR.**
Cytogeography of *Orontium aquaticum* (Araceae), 68:25-34, 3 figs.
Great Lakes, Notes on nearctic Hepaticae VI. Phytogeographical relationships of critical species in Minnesota and adjacent areas of, 60:209.
Great Lakes region, Further distribution of *Butomus unbellatus* in the, 51:385.
Great Plains, New and interesting plants from the, 74:378.
Great Plains species of *Cirsium*: *C. undulatum* and *C. canescens*, Nuttall's, 54:29.
Great Slave Lake area of Canada, A new crucifer from the, 64:324.
- GREEN, PETER S.**
(— and THOMAS, JOAB L.), The bulbiferous *Ranunculus ficaria*, 63:289-291.
Watercress in the New World, 64:32-43, 3 figs.
- Greenella*, *Gutierrezia*, *Gymnosperma* and *Xanthocephalum* (Compositae), The status of the genera *Amphipappus*, *Amphiachyris*, 62:43.
- Greenland*, A new flora of, [Review], 59:290.
- Greenmania*: a taxonomic synonym of *Unxia* (Compositae, Heliantheae), 73:291.
- GRISCOM, LUDLOW**
Fernald in the field, 53:61-65.
- GROSS, A. T. H.**
(MARSHALL, H. H., — and STEVENSON, G. A.), Natural hybrids of the Lady's Slippers (*Cypripedium*) in Manitoba, 68:53-58.
Growth habits of *Arabis perstellata*, 58:292.
- GRUENDLING, GERHARD K.**
(— and MATHIESON, ARTHUR C.), Phytoplankton flora of Newfoundland and Winnisquam Lakes, New Hampshire, 71:444-477, 42 figs.
- Guatemala*, A new species of *Lagenophora* (Compositae) from, 67:36.
- Guatemalan Compositae*, Chromosome numbers in Mexican and, 64:271.
- Guatemalan species*, Chromosome numbers in the Compositae VI. Additional Mexican and, 64:251.
- Guatemalan species*, Chromosome numbers in the Compositae. V. Mexican and, 63:121.
- Gulf States, *Silene virginica* in the, 58:27.
- Gutierrezia*, *Gymnosperma* and *Xanthocephalum* (Compositae), The status of the genera *Amphipappus*, *Amphiachyris*, *Greenella*, 62:43.
(Guttiferae), A re-evaluation of the generic status of *Ascyrum* and *Crookea*, 63:10.
- Guttiferae III. An evaluation of some putative spontaneous garden hybrids in *Hypericum* sect. *Myriandra*, Studies in the, 74:276.
- Guttiferae II. Taxonomic and distributional observations on North American taxa, Studies in the, 64:231.
- Gymnocarpium*, New data on North American Oak Ferns, 68:121.
- Gymnosperma* and *Xanthocephalum* (Compositae), The status of the genera *Amphipappus*, *Amphiachyris*, *Greenella*, 62:43.
- HABEEB, HERBERT**
(— and CALDWELL, JOHN J.), *Zoochlorella conductrix* occurring in New Brunswick symbiotically with *Ophrydium*, 51:4-5, 1 fig.

- A new Moss from Nebraska, 51:128.
- Nomenclatural and other notes on Mosses, 52:72-75.
- A culinary use for the leaf of *Vitis riparia*, 52:225-226.
- A catalog of fresh-water algae of the Maritime Provinces, [Review], 53:182.
- Nomenclatural and other notes on Mosses — II., 54:156-158.
- Three interesting algae from New Jersey, 56:41-42.
- (— and DROUET, FRANCIS), A second list of freshwater algae chiefly from New Brunswick, 58:117-124.
- Habenaria*, Chromosome studies in, 71:541.
- Habenaria conopsea* in North America, 65:241.
- Habenaria orbiculata*, A study of, 52:61.
- Habenaria straminea*, The seeming invalidity of some substitutes for the name, 52:247.
- HABER, ERICH
- Some aberrant *Pyrola* collections from eastern North America, 72:480-485, 2 figs.
- Priority of the binomial *Pyrola chlorantha*, 74:396-397.
- HAGENAH, DALE J.
- New records for the Bruce Peninsula, Ontario, 52:41-45.
- (WAGNER, WARREN H., JR. and —), A natural hybrid of *Polystichum lonchitis* and *P. acrostichoides* from the Bruce Peninsula, 56:1-6, 1 fig., pl. 1198.
- (WAGNER, WARREN H., JR. and —), A diploid variety in the *Cystopteris fragilis* complex, 58:79-87, 1 fig., pl. 1224.
- Spore studies in the genus *Cystopteris*. I. The distribution of *Cystopteris* with non-spiny spores in North America, 63:181-193, 2 figs.
- HALBIG, LEO E.
- (MOHLENBROCK, ROBERT H. and —), The annual species of *Houstonia* in Illinois, 64:28-31.
- Halesia carolina* L. in Kentucky, Indiana and Ohio, 69:380.
- Halesia* (Styracaceae), Some identities in, 60:86.
- Halimolobos*, A note on, 54:161.
- HALL, MARION I.
- Nomenclatural notes concerning *Juniperus*, 56:169-177, 1 pl.
- Hamamelis virginiana* L. in Minnesota, A new station for, 69:457.
- HANES, CLARENCE R.
- Allium tricoccum* Ait., var. *burdickii* var. nov., 55:243-244.
- Viability of seed of the Black Locust, 58:26-27.
- [Obituary Notice], 58:272-273.
- Haplopappus divaricatus*, Chromosome numbers in races of, 66:63.
- Haplopappus* from Mexico, A new species of, 63:177.
- Haplopappus*, section *Blepharodon*, A new species of, 64:142.
- Haplopappus*, section *Isopappus* (Compositae), Taxonomy of, 67:217.
- Haplopappus spinulosus* (Pursh) DC. ssp. *typicus*, A note on the karyology of, 75:220.
- Happoldt European Journal, John Bachman and the, [Review], 64:92.
- HARA, HIROSHI
- A note on *Chrysosplenium iowense*, 51:191-192.
- HARDIN, JAMES W.
- Studies in the Hippocastanaceae I. Variation within the mature fruit of *Aesculus*, 57:37-42, pl. 1205.
- Studies in the Hippocastanaceae III. A hybrid swarm in the Buckeyes, 59:45-51, 1 fig.
- Studies in the Hippocastanaceae IV. Hybridization in *Aesculus*, 59:185-203, 34 figs.
- The status of Lindley's *Aesculus neglecta*, 62:127-129.
- HARDY, JOHN W.
- Rudbeckia amplexicaulis* Vahl in southern Illinois, 54:119.
- HARGRAVES, PAUL E.
- Two naturally occurring abnormalities of the diatom *Podocystis adriatica*, 70:292-294, pl. 1383.
- HARLEY, W. J.
- A second seation for *Stewartia ovata* on the Coastal Plain, 63:206.
- HARMS, LARRY J.
- New records and notes on plants of Kansas, 66:161-162.
- HARMS, VERNON L.
- (MCGREGOR, ROLAND L., — and POINDEXTER, JERALD D.), New plant records from Kansas, 63:146-148.
- A second character distinguishing *Heterotheca* s.str. from *Chrysopsis* (Compositae: Astereae), 67:86-88, 8 figs.

- Application of the name *Heterotheca viscida*, 70:301-303.
 New record for the Yellow Lady's Slipper Orchid, *Cypripedium calceolus* L. subsp. *parviflorum* (Salisb.) Hult., from Alaska, 75:491.
- HARRIES, HINRICH**
 (LÖVE, DORIS and —), *Streptopus oreopolus* Fern., a hybrid taxon, 65:310-317, 1 fig.
- HARRIMAN, NEIL A.**
Magnolia tripetala L. and *Aralia spinosa* L. in St. Louis County, Missouri, 71:478-479.
 A range extension for *Odontites serotina* (Lam.) Dum. (Scrophulariaceae), 72:286.
 Records on the flora of Wisconsin, 73:60-61.
 Records on the flora of Wisconsin, 74:156-157.
- Harris "Flora of Windham, New Hampshire", Additions to the, 51:107.
- HARRIS, STUART KIMBALL**
 (— and BEAN, RALPH C.), *Wolfia columbiana* in Methuen, Massachusetts, 53:272.
Nelumbo lutea in Essex County, Massachusetts, 60:116.
Cabomba caroliniana in Essex County, Massachusetts, 60:116.
Rorippa sessiliflora in Essex County, Massachusetts, 60:260-261.
 A new color form of *Solidago sempervirens*, 60:261-262.
Elsholtzia ciliata in Essex County, Massachusetts, 61:63.
 The northernmost station of *Magnolia virginiana*, its history and present status, 61:65-70.
Peucedanum palustre, an interesting addition to the flora of Essex County, Massachusetts, 61:181.
 Two Crucifers new to Essex County, Massachusetts, 61:187.
 Two grasses new to Essex County, Massachusetts, 61:247-248.
 Plant lists are where you find them: a list of local flora of Massachusetts published since 1898, 62:20-29.
Sesbania exaltata (Raf.) Cory in Essex County, Massachusetts, 62:234.
 Three grasses apparently new to Massachusetts, 62:262-263.
- Notes on the flora of Coös County, New Hampshire, 67:195-197.
Geocaulon lividum in New England, 67:407-409.
 Notes on the flora of Coös County, New Hampshire, II., 69:29-34.
 (BEAN, RALPH C., HILL, A. F., EATON, RICHARD J. and —), Seventeenth report of the committee on plant distribution, 69:306-318.
 (BEAN, RALPH C., HILL, A. F., EATON, RICHARD J. and —), A correction in the sixteenth report of the committee on plant distribution, 69:318.
 Notes on the flora of Coös County, New Hampshire, III., 71:166-174.
 [Notice of death], 71:493.
 [Biographical sketch], 72:126-129, 1 photo.
- HARTLEY, THOMAS G.**
 Discovery of the Massachusetts Fern in Wisconsin, 67:399-404, pl. 1317.
- HARVILL, A. M., JR.**
Magnolia grandiflora in Gray's Manual range, 66:159.
 The mountain element in the flora of the Peninsula of Virginia, 67:393-398, 9 figs.
Stipulicida in Gray's Manual range, 69:59.
Isotria medeoloides on the Piedmont of Virginia, 71:303-304.
 New and overlooked species of the Virginia flora, 72:272-273.
 Phytogeography of the Carices of Virginia, 75:248-257, 1 fig.
- HAYNES, ROBERT R.**
 (— and REVEAL, JAMES L.), A re-evaluation of *Potamogeton fibrillosus* Fern., (Potamogetonaceae), 75:75-77.
- Heather, Scotch, 57:337.
- HEBERT, HENRY J.-C.**
 Generic considerations concerning *Carphephorus* and *Trilisa* (Compositae), 70:474-485.
- Hedyotis australis* in Georgia, 65:271.
Hedyotis (*Houstonia*), Chromosomal races in eastern North American species of, 64:133.
Hedyotis, Merger of the North American *Houstonia* and *Oldenlandia* under, 63:216.
Hedyotis minima f. *albiflora*, 59:85.

- Hedyotis procumbens* var. *hirsuta* (Rubiaceae), The status of, 70:306.
- Hedyotis rosea* in Arkansas, 58:331.
- Hedyotis rosea* Raf., The identity of, 55:201.
- HEHRE, EDWARD J.
Polanisia dodecandra in New Hampshire, 68:48.
 (— and CONWAY, JOAN R.), *Glaucium flavum* Crantz from Cape Cod, 71:540.
 (—, CONWAY, JOAN R. and STONE, RICHARD A.), Flora of the Wolf Islands, Part III, The marine algae, 72:115-118.
 (— and MATHIESON, ARTHUR C.), Investigations of New England marine algae III: Composition, seasonal occurrence and reproductive periodicity of the marine Rhodophyceae in New Hampshire, 72:194-239, 2 figs.
 (STONE, RICHARD A., —, CONWAY, JOAN M. and MATHIESON, ARTHUR C.), A preliminary checklist of the marine algae of Campobello Island, New Brunswick, Canada, 72:313-338, 1 map.
 (—, HODGDON, ALBION R. and PIKE, RADCLIFFE B.), The Parker Cleaveland Herbarium of Bowdoin College, 74:80-84.
- Lomentaria clavellosa* (Turner) Gaillon: an addition to the marine algal flora of New Hampshire, 74:158.
- HEISER, CHARLES B., JR.
 Three new annual Sunflowers (*Helianthus*) from the southwestern United States, 60:272-283, 4 figs.
 (CLEVENGER, SARAH and —), *Helianthus laetiflorus* and *Helianthus rigidus* — hybrids or species? 65:121-133, 6 figs.
 (— and SMITH, DALE M.), Species in *Helianthus* II. Polyploid species, 66:344-358, 7 figs.
 Nightshades — the paradoxical plants, [Review], 71:561.
- Helenium*, An unusual hybrid, 62:343.
- Helenium* (Compositae), A revision of the vernal species of, 59:101, 128, 168, 203.
- Helenium curtisii* in Virginia, 51:303.
- Helenium* in Walter's Flora Caroliniana, The binomials of, 58:311.
- Helenium nudiflorum*, A yellow-centered form of, 70:454.
- Helianthemum* (Cistaceae), A revision of the North American species of, 67:63, 201, 255.
- Helianthemum* (Cistaceae), Palynological notes on American species of, 69:184.
- Helianthus atrorubens* and *H. occidentalis*, Natural hybridization of *Helianthus longifolius* with, 61:140.
- Helianthus doronicoides*, The hybrid origin of, 58:97.
 (*Helianthus*) from the southwestern United States, Three new annual Sunflowers, 60:272.
- Helianthus giganteus* L. and related species, Synopsis of, 56:198.
- Helianthus laetiflorus* and *Helianthus rigidus* — hybrids or species? 65:121.
- Helianthus longifolius* with *H. atrorubens* and *H. occidentalis*, Natural hybridization of, 61:140.
- Helianthus mollis*, Color form of, 55:108.
- Helianthus occidentalis*, Natural hybridization of *Helianthus longifolius* with *H. atrorubens* and, 61:140.
- Helianthus*: II. Polyploid species, Species crosses in, 66:344.
- Helianthus rigidus* — hybrids or species? *Helianthus laetiflorus* and, 65:121.
- Helleborine (*Epipactis helleborine*) in Maine, 62:142.
- HELLQUIST, C. BARRE
 (COLT, L. C., JR. and —), Seventy-five years later, a second station in New England for *Micrasterias nordstedtiana*, 73:56-57, 1 fig.
 Vascular flora of Ossipee Lake, New Hampshire and its shore line, 73:249-261, 1 fig.
 (COLT, L. C., JR., — and ZUBRIN, W. J. L.), An interesting association of rare aquatic plants from New Hampshire, 73:296-299.
 Range extensions of vascular aquatic plants in New England, 74:131-141.
- HAMMERLY, THOMAS E.
 (QUARTERMAN, ELSIE and —), Rediscovery of *Echinacea tennesseensis* (Beadle) Small, 73:304-305.
- HENRY, L. K.
Podophyllum peltatum forma *deamii* Raymond in western Pennsylvania, 55:20.

- Scheuchzeria in western Pennsylvania, 65:34.
- HENRY, MARY G.
A new hybrid deciduous Rhododendron, 55:205-208, pl. 1193.
- Hepatica in North America, 62:223.
- Hepaticae from Virginia, Noteworthy, 59:251.
- Hepaticae VI. Phytogeographical relationships of critical species in Minnesota and adjacent areas of Great Lakes, Notes on nearctic, 60:209, 243.
- Heracleum lanatum Michx. of North America to Heracleum sphondylium of Europe, Relationship of, 73:578.
- Heracleum sphondylium of Europe, Relationship of Heracleum lanatum Michx. of North America to, 73:578.
- Herbarium of New Salem, Massachusetts, An old local, 54:80.
- Herbarium specimen identification and other considerations based upon the preparation of a local flora, Variance in, 63:207.
- Herbarium specimens, An electrical drier for, 52:129.
- Herbarium specimens, Determination of polyploidy from, 60:89.
- Herbarium specimens, New plastic aid in mounting, 52:298.
- Herbarium specimens, The Archer method for mounting, 57:294.
- Herbarium technique, 51:59.
- Herbarium techniques, 62:201.
- Herbarium, The Pringle, 75:297.
- Herbarium, Uses of cellulose acetate in the, 54:286.
- Herbarium, Wallpaper cleaner in the, 61:147.
- HERMANN, F. J.
Two new Carices from southeastern United States, 57:156-158.
Range extensions in northwestern plants, 58:278-281.
Euphrasia micrantha new to North America, 60:307-308.
Additions to the bryophyte flora of Keweenaw County, Michigan, 64:121-125.
An eastern variety of Carex fissa (§ Multiflorae), 67:198-199.
The status of Carex incompta Bickn., 67:361-362.
Notes on Rocky Mountain Carices, 70:419-421.
- Further additions to the bryoflora of Mt. Katahdin, Maine, 72:493-495.
- Hermidium (Nyctaginaceae) and Astragalus (Leguminosae) from eastern Utah, Novelties in, 54:158.
- HESS, LLOYD W.
(— and DUNN, DAVID B.), Nomenclature of the Lupinus argenteus and L. caudatus complexes, 72:110-114.
- HESS, WILLIAM J.
(REVEAL, JAMES L. and —), Variation within Calochortus venustus (Liliaceae), 74:350-351.
- Heteranthera dubia (Jacq.) MacM., A New Hampshire station for, 55:57.
- Heterokontae, A correction in the names of two species of, 58:161.
- Heterostyly and homostyly in Lithospermum canescens (Boraginaceae), 63:229.
- Heterotheca, section Heterotheca (Compositae), Revision of, 62:61, 97.
- Heterotheca s.str. from Chrysopsis (Compositae-Astereae), A second character distinguishing, 67:86.
- Heterotheca s.str. from Chrysopsis, Environmental control of a taxonomic character separating, 64:406.
- Heterotheca subaxillaris, Environmental variation in, 63:243.
- Heterotheca subaxillaris on Long Island, New York, 56:182.
- Heterotheca viscida, Application of the name, 70:301.
- Heuchera from Missouri together with some notes on the Heuchera parviflora group, A new, 53:105.
- Heuchera parviflora group, A new Heuchera from Missouri together with some notes on the, 53:105.
- Hickories in New England, The northern limits of the distribution of, 75:34.
- Hickories north of Virginia with notes on the two Pignuts, Carya glabra and C. ovalis, A key to the, 52:188.
- Hicoria borealis Ashe, The status of, 51:85.
- HILFERTY, FRANK J.
A new bryophyte flora, [Review], 60:176.
The mosses of Massachusetts. A county catalogue with annotations, 62:145-173, 1 map.

HILL, A. F.

(BEAN, RALPH C., KNOWLTON, CLARENCE HINCKLEY and —), Tenth report of the committee on plant distribution, 53:79-89.

(BEAN, RALPH C., KNOWLTON, CLARENCE HINCKLEY and —), Eleventh report of the committee on plant distribution, 58:125-134.

(BEAN, RALPH C., — and EATON, RICHARD J.), Twelfth report of the committee on plant distribution, 60:297-305.

(BEAN, RALPH C., — and EATON, RICHARD J.), Thirteenth report of the committee on plant distribution, 62:108-116.

(BEAN, RALPH C., — and EATON, RICHARD J.), Fourteenth report of the committee on plant distribution, 63:47-55.

(BEAN, RALPH C., — and EATON, RICHARD J.), Corrections in reports of the committee on plant distribution, 63:348.

(BEAN, RALPH C., — and EATON, RICHARD J.), Fifteenth report of the committee on plant distribution, 64:168-179.

(BEAN, RALPH C., — and EATON, RICHARD J.), Sixteenth report of the committee on plant distribution, 65:26-34.

(—, SCHWEINFURTH, CHARLES and SEYMOUR, FRANK C.), Publication date for the flora of Stoughton, 66:31.

(BEAN, RALPH C., —, EATON, RICHARD J. and HARRIS, STUART KIMBALL), Seventeenth report of the committee on plant distribution, 69:306-318.

(BEAN, RALPH C., —, EATON, RICHARD J. and HARRIS, STUART KIMBALL), A correction in the sixteenth report of the committee on plant distribution, 69:318.

HILL, L. MICHAEL

(— and ROGERS, O. M.), Chromosome numbers of *Aster blakei* and *A. nemoralis*, 72:437-438.

(— and ROGERS, O. M.), Chemical, cytological and genetic evidence for the hybrid origin of *Aster blakei* (Porter) House, 75:1-25, 12 figs.

Himalaya, The flora of eastern, [Review], 69:456.

Hippocastanaceae I. Variation within the mature fruit of *Aesculus*, Studies in the, 57:37.

Hippocastanaceae III. A hybrid swarm in the Buckeyes, Studies in the, 59:45.

Hippocastanaceae IV. Hybridization in *Aesculus*, Studies in the, 59:185.

HODGDON, ALBION R.

(— and FRIEDLANDER, HERBERT), Additions to the Harris "Flora of Windham, New Hampshire", 51:107-112.

(— and GANGI, DOMINIC P.), *Carya ovalis* and *Carya glabra* in Durham, New Hampshire and vicinity, 51:150-152.

(— and KROCHMAL, STANLEY), Range-extensions and -clarifications in New Hampshire, 52:160-164.

(WOLFE, LEONARD P., JR. and —), A new form of *Rubus allegheniensis*, 53:30-32.

Glyceria septentrionalis and *G. acutiflora* in Lee, New Hampshire, 54:25-27.

(—, GIGUERE P., KROCHMAL, STANLEY B. and RIEL, A.), New *Potamogeton* records in New Hampshire, 54:237-246.

(— and KROCHMAL, STANLEY B.), A New Hampshire station for *Heteranthera dubia* (Jacq.) Mac.M., 55:57-58.

(— and STEELE, FREDERIC J.), *Pinguicula vulgaris* L. in New Hampshire, 55:349-352.

Ilex glabra and a new station for *Kalmia latifolia* in New Hampshire, 57:34-36.

(PIKE, RADCLIFFE B. and —), A new *Rhododendron* station in Maine, 60:328-329.

(PIKE, RADCLIFFE B. and —), Naturalized *Mugo Pine* in New Hampshire, 61:121-123.

(— and PIKE, RADCLIFFE, B.), *Rhododendron maximum* in New Hampshire, 61:148-150, 181.

Sedum sexangulare in New Hampshire, 61:247.

Cabomba caroliniana in Rockingham County, New Hampshire, 61:248-249.

(STEELE, FREDERIC L. and —), Some additions to the vascular flora of New Hampshire, 61:268-270.

- (— and PIKE, RADCLIFFE B.), Recent changes in some Rhododendron colonies in Maine and New Hampshire, 62:87-93.
- (— and PIKE, RADCLIFFE B.), Rhododendron maximum in Hopkinton and Harrisville, New Hampshire, 63:26-29.
- (— and PIKE, RADCLIFFE B.), An ecological interpretation of Rhododendron colonies in Maine and New Hampshire, 63:61-70.
- Comment from the new editor, 64:97.
- (— and PIKE, RADCLIFFE B.), Some additions to the flora of Grand Manan Island, New Brunswick, 64:98-102.
- (— and STEELE, FREDERIC L.), Glandularity in *Rubus allegheniensis* Porter, 64:161-168, 1 fig.
- (PIKE, RADCLIFFE B. and —), Changes in flora of the Machias Seal Islands, 64:340-346.
- (— and STEELE, FREDERIC L.), *Juniperus horizontalis* in New Hampshire, 64:351-352.
- (PIKE, RADCLIFFE B. and —), The flora of the Wolf Islands, New Brunswick, Part I., 65:82-96, 1 fig.
- (STEELE, FREDERIC L. and —), Hybridization of *Rubus hispida* and *Rubus setosus*, 65:262-270, 1 fig.
- Editor's note, 65:192.
- John Lyon, nurseryman and plant hunter, [Review], 65:283.
- (PIKE, RADCLIFFE B. and —), Notes on Great Wass Island, Maine, 65:285.
- A strange form of *Hypericum canadense*, 65:357-358.
- Commelina communis* in New Hampshire, 65:363.
- (— and PIKE, RADCLIFFE B.), Additions to the Wolf Islands flora, 1963, 66:61-62.
- Flora of Missouri, [Review], 66:92-94.
- (— and PIKE, RADCLIFFE B.), Flora of the Wolf Islands, New Brunswick, Part 2, Some phytogeographic considerations, 66:140-155.
- (— and PIKE, RADCLIFFE B.), Additions to the flora of the Wolf Islands, New Brunswick for 1964, 66:413-416.
- Mountain Flowers of New England, [Review], 67:84-85.
- (— and STEELE, FREDERIC L.), *Rubus* subgenus *Eubatus* in New England, 68:474-513.
- Revised check-list of the vascular plants of Maine, [Review], 68:521-524.
- (CHURCHILL, JOHN A. and —), *Saxifraga cernua* in New England, 69:485-486.
- Added note on Edith Scamman, 71:165.
- (— and PIKE, RADCLIFFE B.), Continued botanizing on the Wolf Islands, New Brunswick, 71:297-302.
- (—, PIKE, RADCLIFFE B. and TYLER, HARRY R., JR.), More additions to the flora of Grand Manan, New Brunswick, 71:306-308.
- (— and PIKE, RADCLIFFE B.), Floristic comparison of three bird islands in the Gulf of Maine, 71:510-523.
- Important work on the flora of New England, [Review], 72:137-141.
- (STEELE, FREDERIC L. and —), Hybrids in *Rubus* subgenus *Eubatus* in New England, 72:240-250.
- (STEELE, FREDERIC L. and —), Correction in article on *Rubus* hybrids, 72:547.
- The flora of Vermont, [Review], 73:68-71.
- Notable Ferns on Bear Mountain, Hebron, New Hampshire, 73:462-464.
- (HEHRE, EDWARD J., — and PIKE, RADCLIFFE B.), The Parker Cleaveland Herbarium of Bowdoin College, 74:80-84.
- (— and STEELE, FREDERIC L.), Recent discoveries in the New Hampshire flora, 74:291-294.
- Flora of the Galapagos Island, [Review], 75:140-145.
- (STEELE, FREDERIC L. and —), Two interesting plants on Mt. Cardigan, Orange, New Hampshire, 75:155-157.
- (— and EASTMAN, LESLEY M.), *Chimaphila maculata* (L.) Pursh in Maine and New Hampshire, 75:162-165.
- (MCCAIN, JOHN, PIKE, RADCLIFFE B. and —), The vascular flora of Kent Island, Grand Manan, New Brunswick, 75:311-322.

- Correction in book review, Flora of the Galapagos Islands, 75:323.
- The genus *Lesquerella* (Cruciferae) in North America, [Review], 75:622-623.
- HODGSON, H. J.**
A new *Elymus* from Alaska, 58:144-148, 1 fig.
(MITCHELL, WM. W. and —), Hybridization within the Triticeae of Alaska; a new \times Elyhordeum and comments, 70:467-473, 2 figs.
- Hoffmannseggella*, A new species of the Orchid genus, 74:283.
- Holcus mollis* in New Hampshire, 52:75.
- Holly, *Ilex glabra* forma *leucocarpa*: a white-fruited, 58:25.
- HOLMSTEDT, BO**
(— and SCHULTES, RICHARD EVANS), De plantis toxicariis e Mundo Novo tropicale commentationes. II. The vegetal ingredients of the Myristicaceous snuffs of the Northwest Amazon, 70:113-160, 1 map, 5 figs., pls. 1373-1380.
- Holosteum umbellatum* L., an angiosperm new to Michigan, 64:222.
- Homostyly in *Lithospermum canescens* (Boraginaceae), Heterostyly and, 63:229.
- Hops, The use of vapor fractometry in the analysis of some New England, 64:243.
- HOTCHKISS, NEIL**
Range extensions of marsh and aquatic plants. 2., 53:91-93.
- HOUNSELL, R. W.**
(— and SMITH, E. C.), Contributions to the flora of Nova Scotia VIII. Distribution of arctic-alpine and boreal disjuncts, 68:409-419, 12 figs.
(— and SMITH, E. C.), Contributions to the flora of Nova Scotia IX. Habitat studies of arctic-alpine and boreal disjunct species, 70:176-192, 1 map.
- Houstonia* and *Oldenlandia* under *Hedyotis*, Merger of the North American, 63:216.
(*Houstonia*), Chromosomal races in eastern North American species of *Hedyotis*, 64:313.
- Houstonia* in Illinois, The annual species of, 64:28.
- Houstonia purpurea* group (Rubiaceae), A revision of the, 61:157, 188.
- HOWARD, RICHARD A.**
The white form of the Fringed *Polygala* in New Hampshire, 54:292.
The Balanophoraceae in the Caribbean flora, 61:79-81.
(— and DUNBAR, HENRY F.), Additions to the flora of Inagua, The Bahamas, 66:6-15, 1 map.
The persistence of the double-flowered form of Celandine Poppy, 69:179-183.
A freeze-dry technique for the plant collector, 70:410-418.
(GILLIS, WILLIAM T., — and PROCTOR, GEORGE R.), Additions to the Bahama flora since Britton and Millspaugh — I, 75:411-425.
A partial history of the New England Botanical Club, 75:493-516.
- HOWE, M. DORISSE**
A yellow-centered form of *Helianthemum nudiflorum*, 70:454.
- HSI, YU-TSENG**
(OWNBEY, GERALD B. and —), Chromosome numbers in some North American species of the genus *Cirsium*, 65:339-354.
- Hudsonia ericoides* in the southeastern United States, A range extension for, 70:289.
- HULL, EDWIN D.**
Two species of *Oxybaphus* in Indiana, 51:3-4.
- Humboldt and American botany, [Review], 58:191.
- HUMM, HAROLD J.**
(MATHIESON, ARTHUR C., DAWES, CLINTON J. and —), Contributions to the marine algae of Newfoundland, 71:110-159, 1 fig.
- HUNNEWELL, FRANCIS WELLES**
Diervilla sessilifolia in Virginia, 51:60.
Some grasses new to West Virginia, 51:106-107.
[—, 1880-1964], [Biographical sketch], 66:97-99.
- Hydrastis canadensis* in New England, 66:94.
(Hydrophyllaceae), Genetic barriers in the *Cosmanthus Phacelias*, 66:359.

- (Hydrophyllaceae), New species in the *Phacelia crenulata* group, 74:451.
- Hymenocallis littoralis* from Florida, 59:99.
- Hymenopappus* (Compositae), A cytotaxonomic study of the genus, 58:163, 208, 250, 295.
- Hymenopappus filifolius*, var. *alpestris* (Maguire) Shinnars, comb. nov., 61:155.
- Hymenopappus* from Mexico, A new radiate, 59:96.
- (Hymenoptera: Apidae) and *Tribulus cistoides* (Zygophyllaceae), Interactions between *Apis mellifera*, 74:117.
- (Hypericaceae), A revision of the genus *Ascyrum*, 59:73.
- Hypericum adpressum*, forma *spongiosum* (Robinson) stat. nov., 51:112.
- Hypericum canadense*, A strange form of, 65:357.
- Hypericum* in Nova Scotia, Northeastward range extensions for two species of, 57:132.
- Hypericum prolificum*, The status of, 60:249.
- Hypericum prolificum*? What is, 54:205.
- Hypericum* sect. *Myriandra*, Studies in the *Guttiferae* — III. An evaluation of some putative spontaneous garden hybrids in, 74:276.
- Hyptis radiata* (Labiatae) an illegitimate name, 64:184.
- HYYPPIO, PETER A.**
Antennaria rosea Greene in the Lake Superior region, 54:291.
- Ilex glabra* and a new station for *Kalmia latifolia* in New Hampshire, 57:34.
- Ilex glabra* forma *leucocarpa*; a white-fruited Holly, 58:25.
- Ilex* in Tennessee, The genus, 53:229.
- Ilex*, Notes on, 59:20.
- Ilex vomitoria*, Studies of early specimens and reports of, 53:273.
- Illinois, A decade of botanizing in, 63:19.
- Illinois, A note on the ascription of *Elymus arenarius* to, 64:284.
- Illinois, Additional collections of *Andropogon elliottii* Chapm. in southern, 53:128.
- Illinois, Additions to the flora of, 64:356.
- Illinois and distributional records of the *Naiadaceae*, Two new Naiads from 68:216.
- Illinois and Indiana, New plant records:, 59:181.
- Illinois and Indiana and the Chicago region, Plants new to, 59:31.
- Illinois and other records, *Diploaxis tenuifolia* in, 66:54.
- Illinois and the Chicago region, Grasses new to, 60:264.
- Illinois and to the Chicago region, Plants new to, 54:208; 57:265; 59:289; 61:24.
- Illinois, *Andropogon elliottii* Chapm. in, 52:45.
- Illinois, Aquatic vascular plants new for, 68:221.
- Illinois, *Arctium* in, 59:44.
- Illinois, *Breweria pickeringii* in, 56:274.
- Illinois, *Buchloë dactyloides* in, 60:259.
- Illinois *Carex* records, New, 60:115.
- Illinois collection of *Sanguisorba canadensis* L., A recent, 65:80.
- Illinois, Contributions to the flora of southern, 57:319; 59:125.
- Illinois, *Dipsacus laciniatus* in, 55:268.
- Illinois, *Elymus riparius* in, 55:156.
- Illinois, *Epipactis helleborine* in, 57:131.
- Illinois, *Eragrostis curvula* from, 63:184.
- Illinois field and herbarium studies, 74:142.
- Illinois, Field and herbarium studies in southern, 60:292.
- Illinois flora, Four plants new to the, 53:111.
- Illinois flora, Further notes on the, 60:142.
- Illinois flora: notes on *Eriochloa* and *Jussiaea*, 61:307.
- Illinois flora: notes on *Leptochloa* and *Lycopodium*, 66:165.
- Illinois flora: notes on *Limnoscium*, *Dicliptera* and *Iresine*, 64:282.
- Illinois, Flora of Winnebago County, [Review], 58:273.
- Illinois flora: recent additions, Southern, 57:159.
- Illinois flora I. The genus *Physostegia*, Contributions to an, 65:58.
- Illinois flora, Two plants new to the, 58:49.
- Illinois, Flowering *Arundinaria gigantea* in, 54:82.
- Illinois, French's Shooting Star in southern, 57:325.
- Illinois grasses, Notes on, 59:123.
- Illinois, New plant records for, 54:307.

- Illinois, New plant records from, 62:239.
- Illinois, Notes on Cyperaceae from, 61:290.
- Illinois or to the Chicago area in Illinois, Plants new to, 51:147.
- Illinois, Plant notes from, 60:41.
- Illinois, Plants new to Illinois or to the Chicago area in, 51:147.
- Illinois, Plants recently found in southern, 55:290.
- Illinois, *Rudbeckia amplexicaulis* Vahl in southern, 54:119.
- Illinois, *Salicornia europaea* in, 51:11.
- Illinois, *Setaria faberii* in, 51:391.
- Illinois, *Solidago gymnospermoides* in, 70:287.
- Illinois, Some notes on the flora of southern, 56:227.
- Illinois, The annual species of *Houstonia* in, 64:28.
- Illinois, *Vernonia crinita* in, 59:119.
- Illinois, Western Plains plants in northern, 64:354.
- Illinois, *Zizaniopsis miliacea* from, 64:283.
- Illustrations, A most useful series of, [Review], 51:31.
- ILTIS, HUGH H.
 Studies in the Capparidaceae I. *Polanisia dodecandra* (L.) DC., the correct name for *Polanisia graveolens* Rafinesque, 56:65-70, pl. 1201.
 Distributional and nomenclatural notes on *Galium* (Rubiaceae), 59:38-43.
 (—, REED, JACK and MELCHERT, THOMAS), *Elymus arenarius* and *Diarrhena americana* in Wisconsin, 62:199-201.
 Studies in the Capparidaceae. VIII. *Polanisia dodecandra* (L.) DC., 68:41-47.
- IMSHAUG, HENRY A.
 A new species of *Neuropogon* from the United States, 56:154-157.
 An additional species of the Lichen genus *Buellia* from the West Indies, 57:323-324.
- Inagua, The Bahamas, Additions to the flora of, 66:6.
- Indiana and Ohio, *Dentaria* in, 59:179.
- Indiana and Ohio, *Halesia carolina* L. in Kentucky, 69:380.
- Indiana and the Chicago region, Plants new to Illinois and, 59:31.
- Indiana, New plant records: Illinois and, 59:181.
- Indiana, Two species of *Oxybaphus* in, 51:3.
- International Botanical Congress, June 23-30, 1975, XII, 74:532.
- International plant index, Authors of plant genera and the, [Review], 68:35.
- International rules, *Galium hircynicum*: a problem in interpreting the, 52:222.
- Intertidal transects, The repopulation of, 55:102.
- Ipomoea amnicola* (Convolvulaceae), a South American waif in Missouri, 67:200.
- Iresine, Illinois flora: notes on *Limnoscium*, *Dicliptera* and, 64:282.
- Iridaceae, VII., Studies in the, 64:291.
- Iris brevicaulis* in Canada, 56:80.
- Iris lacustris* from Ontario, A white-flowered form of, 74:271.
- Iris pseudacorus* L. established in the vicinity of London, Ontario, 55:244.
- Iris verna* L.: lectotype and variety description, 71:212.
- Irish naturalists, Some, [Review], 53:95.
- IRWIN, H. S.
 (TURNER, BILLIE L. and —), Chromosome numbers in the Compositae. II. Meiotic counts for fourteen species of Brazilian Compositae, 62:122-126, 8 figs.
 (TURNER, BILLIE L. and —), Chromosome numbers of some Brazilian Leguminosae, 63:16-19, 4 figs.
- ISELY, DUANE
 Leguminosae: nomenclatural notes, 59:116.
- Isoetes tuckermani* A. Br. in their natural habitat, Germination of spores of, 56:226.
- Isotria medeoloides* on the Piedmont of Virginia, 71:303.
- Isotria medeoloides*, Range extension for, 56:275.
- JACKSON, RAY C.
 The hybrid origin of *Helianthus doronicoides*, 58:97-100, pl. 1225.
 A new species of *Haplopappus*, section *Blepharodon*, 64:142-143.
 (— and JOHNSON, R. ROY), A new species of *Machaeranthera* section *Psilactis*, 69:476-480, pl. 1370.

- Jaliscoa, Macvaughiella, Oaxacania and Planaltoa, Studies in the Compositae-Eupatorieae, XV., 72:100.
- Jamaica, A new Peperomia from, 61:218.
- Jamaica, B.W.I., A new species of Ternstroemia from, 59:36.
- Jamaica, Further new records of Myrtaceae from, 60:323.
- Jamaican Eugenias, Notes on some, 59:303.
- James Bay region, Salicornia europaea in the, 56:61.
- JAMES, CHARLES W.
Notes on the cleistogamous species of Polygala in southeastern United States, 59:51-56.
A new variety of Stipulicida setacea, 59:98.
Generic considerations concerning Carphophorus, Trilisa and Litrissa (Compositae), 60:117-122.
An alternative explanation of subspeciation in Asclepias tuberosa, 61:72-76.
The status and distribution of Elephantopus elatus, 61:309-311, map.
(CHANNELL, R. B. and —), Nomenclatural and taxonomic corrections in Warea (Cruciferae), 66:18-26.
- JAYNES, RICHARD A.
Chromosome counts of Kalmia species and revaluation of K. polifolia var. microphylla, 71:280-284, 5 figs.
American Nut trees, [Review], 71:561.
- JENNINGS, O. E.
A range-extension for Sugar Maple, 55:59.
Thelepogon elegans Roth in the Dominican Republic, 60:73.
- JIMENEZ, JOSÉ DE Js.
Novelties in the Dominican flora, 62:235-238.
- JOHNSON, ALBERT G.
Betula lenta var. uber Ashe, 56:129-131.
(— and SMITHBERG, MARGARET H.), A new station for Hamamelis virginiana L. in Minnesota, 69:457-459.
- JOHNSON, KERMIT L.
Spiranthes ovalis, new for Kansas, 70:485.
Aster parviceps (Burgess) Mack. & Bush and Aster brachyactis Blake, new for Kansas, 72:392.
- JOHNSON, MILES F.
Tussilago farfara L. (Senecioideae-Asteraceae) in Virginia, 74:403-405, 1 fig.
- JOHNSON, R. ROY
(SMITH, EDWIN B. and —), Microchromosomes in Aphanostephus (Compositae), 66:270-272, 1 fig.
(JACKSON, RAY C. and —), A new species of Machaeranthera section Psilactis, 69:476-480, pl. 1370.
- JOHNSON, W. CARTER
Trillium cernuum L. and Geranium maculatum L.: new for South Dakota, 72:564.
- JOHNSTON, MARSHALL C.
Croton suaveolens and Croton abruptus (Euphorbiaceae) of western Texas and northern Mexico, 62:77-81.
A new species of Haplopappus from Mexico, 63:177-179.
(— and TURNER, BILLIE L.), Chromosome numbers of Dysodia (Compositae-Tagetinae) and phyletic interpretations, 64:2-15, 9 figs.
The Noseburn (Tragia, Euphorbiaceae) of western Texas, 64:137-142.
(CORRELL, DONOVAN S. and —), Manual of the vascular plants of Texas, [Review], 72:533-535.
- JONES, ELIZABETH KIRK
(— and FASSETT, NORMAN CARTER), Subspecific variation in Sprobolus cryptandrus, 52:125-126.
- JONES, FRED B.
A new Zephyranthes from southern Texas, 63:214-216, 1 fig.
- JONES, GEORGE NEVILLE
On the nomenclature of Luzula saltuensis, 53:242-244.
Nomenclature of American Mountain-ash, 55:358-360.
Vernonia crinita in Illinois, 59:119.
Buchloë dactyloides in Illinois, 60:259-260.
Viola eriocarpa vs. V. pennsylvanica, 61:219-220.
A note on the ascription of Elymus arenarius to Illinois, 64:284-285.
- JONES, H. G.
A new species of the Orchid genus Hoffmannseggella, 74:283-286.

JONES, SAMUEL B., JR.

Taxonomy of the narrow-leaved Vernonia of the southeastern United States, 66:382-401, 2 figs.

(— and DUNCAN, W. H.), Chromosome numbers in Vernonia (Compositae), 68:49-52.

Allium ampeloprasum in Alabama, 70:303.

An example of a Vernonia hybrid in a disturbed habitat, 70:486-491, 2 figs.

(ELEUTERIUS, L. N. and —), A floristic and ecological study of Pitcher plant bogs in South Mississippi, 71:29-34.

The taxonomy of Vernonia acaulis, V. glauca and V. noveboracensis (Compositae), 72:145-163, 5 figs.

(FAUST, W. Z. and —), The systematic value of trichome complements in a North American group of Vernonia (Compositae), 75:517-528, 3 figs.

Jones's list of vascular plants from St. Louis County, Minnesota, Some corrections of Professor, 51:167.

JORDAL, LOUIS H.

Plants from the vicinity of Fairbanks, Alaska, 53:156-159.

Contributions to the flora of Alaska, No. 2. Some new entities in the flora of the Brooks Range region, Alaska, 54:35-39.

JOVET, PAUL

(SENAY, PIERRE and —), Betula michauxii, a brief symposium. 3. The type of Betula michauxii, 52:32-33, 1 fig.

JUDD, WILLIAM W.

Iris pseudacorus L. established in the vicinity of London, Ontario, 55:244.

Studies of the Byron bog in southwestern Ontario. XXX. Distribution of Orchids in the bog, 70:193-199.

Juncus coriaceus, Notes concerning, 54:193.

Juncus greenii and Rhus glabra in Quebec, 51:9.

Juncus slwookoörum, a new species from arctic Alaska, 72:486.

Juniperus communis var. saxatilis from Mount Washington, 58:50.

Juniperus horizontalis in New Hampshire, 64:351.

Juniperus, Nomenclatural notes concerning, 56:169.

Jussiaea, Illinois flora: notes on Eriochloa and, 61:307.

Justicia from Florida, A new species of, 61:183.

Kallstroemia in the middle Atlantic States, 72:397.

Kalmia latifolia in New Hampshire, Ilex glabra and a new station for, 57:34.

Kalmia polifolia var. microphylla, Chromosome counts of Kalmia species and revaluation of, 71:280.

Kalmia species and revaluation of K. polifolia var. microphylla, Chromosome counts of, 71:280.

Kansas and Nebraska, Vascular plants new for Oklahoma, 73:300.

Kansas, Asper parviceps (Burgess) Mack. & Bush and Aster brachyactis Blake new for, 72:392.

Kansas flora, Additions to the, 71:175.

Kansas, New and interesting vascular plant records from, 62:93.

Kansas, New plant records from, 63:146.

Kansas, New records and notes on plants of, 66:161.

Kansas, Spiranthes ovalis, new for, 70:485.

Kansas, Spiranthes tuberosa, new for, 72:141.

KAWANO, SHOICHI

(CROSSWHITE, FRANK S. and —), Chromosome numbers in Penstemon (Scrophulariaceae) I: new mitotic counts, 67:187-190, 1 fig.

KECK, DAVID DANIEL

(CRONQUIST, ARTHUR, — and MAGUIRE, BASSETT), Validity of Nuttall's names in Fraser's Catalogue, 58:23-24.

KEITH, WILLIAM M., JR.

Analysis of vegetative propagation in Quercus prinoides, 59:306-308.

KELSO, LEON

Steppe, taiga and tundra, [Review], 62:258-262.

Kent Island, Bay of Fundy, On the marine algae of, 74:264.

Kentucky, Flowering plants new to or rare in, 67:180.

Kentucky, Indiana and Ohio, Halesia carolina L. in, 69:380.

Kerguelen Islands, Palynological evidence for the late glacial occurrence of Pringlea and Lyallia, on, 75:239.

Kiaeria starkei in Quebec, The range of, 51:122.

- KIANG, Y. T.**
 Floral structure, hybridization and evolutionary relationship of two species of *Mimulus*, 75: 225-238, 2 figs.
- KIGER, ROBERT W.**
Arthraxon hispidus (Gramineae) in the United States: taxonomic and floristic status, 73: 39-46.
 A new variety of *Leucophyllum laevigatum* (Scrophulariaceae) from Mexico, 74:347-349.
- KING, JOHN W.**
 The effects of forced aeration on the longevity of *Laminaria*, 54: 288-289.
- KING, R. M.**
 (TURNER, BILLIE L., POWELL, M. and —), Chromosome numbers in the Compositae VI. Additional Mexican and Guatemalan species, 64:251-271, 33 figs.
 A new species of *Senecio* from Costa Rica, 67:239-241, pl. 1312.
 Studies in the Eupatorieae, (Compositae) I-III, 69:35-47, 11 figs., pls. 1338-1341.
 Studies in the Eupatorieae, (Compositae) IV, 69:352-371, 11 figs., pls. 1362-1369.
 (— and ROBINSON, H.), Studies in the Compositae-Eupatorieae XV. Jalisco, Macvaughiiella, Oaxacania and Planaltoa, 72: 100-105.
 (— and ROBINSON, H.), *Neomirandea allenii*, a new epiphytic Composite of the American rain forest, 74:272-275.
- KINGSBURY, JOHN M.**
 (LANCIANI, GRACE D. and —), Soil algae of forty ponds under construction at Ithaca, New York, 67:242-254, 4 figs.
- Knapweeds (*Centaurea*) in Canada and the United States, Distribution of native and introduced, 74:331.
- KNIGHT, IVA M.**
 Range extension for *Isotria medeoloides*, 56:275-276.
- KNOBLOCH, IRVING W.**
 A case of mistaken identity, or the mysterious C. E. Lloyd, 70: 462-466.
- KNOWLTON, CLARENCE HINCKLEY**
Rhododendron maximum in New England, 52:215-218.
Rhododendron maximum at Medfield, Massachusetts, 52:279.
- (BEAN, RALPH C., — and HILL, A.F.), Tenth report of the committee on plant distribution, 53:79-89.
 Alfred Shepard Goodale, 53:183.
- (BEAN, RALPH C., — and HILL, A. F.), Eleventh report of the committee on plant distribution, 58:125-134.
 [Biographical sketch], 58:157-160.
- KOBUSKI, CLARENCE E.**
 A new species of *Ternstroemia* from Jamaica, B.W.I., 59:36-38.
 Ernest Jesse Palmer, 1875-1962, 64:195-200, pl. 1270.
- KOCH, RUDY G.**
 Additions to the Kansas flora, 71:175-176.
- Koeleria* (Gramineae), Illegitimacy of Persoon's species of, 58:93.
- KOETZNER, KENNETH L.**
 (— and WOOD, R. D.), On the marine algae of Kent Island, Bay of Fundy, 74:264-271.
- KONDO, KATSUHIKO**
 The chromosome number of *Obo-laria virginica* L. (Gentiana-ceae), 72:551-553, 2 figs.
 Germination and developmental morphology of seeds in *Utricularia cornuta* Michx. and *Utricularia juncea* Vahl, 73: 541-547, 9 figs.
- KOVANDA, MILOSLAV**
 Somatic chromosome numbers for some Asteraceae, 74:102-116.
- KOWAL, ROBERT R.**
 (— and BARKLEY, T. M.), *Senecio anonymus* Wood, an earlier name for *Senecio smallii* Britton, 75:211-219, 1 fig.
- KOYAMA, TETSUO**
 (— and OLDENBURGER, FEDDO H. F.), *Diplacrum africanum* newly found in tropical America, 73:159-160.
- KRAL, ROBERT**
 (GODFREY, R. K. and —), A new species of *Vicia* (Leguminosae) in Florida, 60:256-258, 6 figs.
 Herbarium techniques, 62:201-203, pl. 1254.
 The genus *Xyris* in Florida, 62: 295-319, 27 figs.
 Omissions in key to *Xyris* in Florida, 63:205.
 Some notes on the flora of the southern states, particularly Alabama and middle Tennessee, 75:366-410.

- Krameria:** evidence for familial status, Chromosome numbers in the genus, 60:101.
- KROCHMAL, STANLEY B.**
 (HODGDON, ALBION R. and —), Range-extensions and -clarifications in New Hampshire, 52:160-164.
 (HODGDON, ALBION R., GIGUERE, P., — and RIEL, A.), New Potamogeton records in New Hampshire, 54:237-246.
 (HODGDON, ALBION R. and —), A New Hampshire station for *Heteranthera dubia* (Jacq.) MacM., 55:57-58.
- KUCERA, C. L.**
 The genus *Lyonia* in Missouri, 55:155.
 Additional notes on Grasses of Boone County, Missouri, 55:289-290.
Eragrostis curvula in Missouri, 56:273-274.
 A new *Tridens* record from Missouri, 59:72.
 New plant station records in Missouri, 59:240.
 (STEYERMARK, JULIAN A. and —), New combinations in grasses, 63:24-26.
- KUCYNIAK, JAMES**
 Does *Dicranum arcticum* occur in southern central Quebec? 51:29-30.
 The range of *Kiaeria starkei* in Quebec, 51:122-123.
- Kuhnia eupatorioides* var. *angustifolia* (Compositae), Application of the name, 66:160.
- (Labiatae), an illegitimate name, *Hyptis radiata*, 64:184.
- Lactuca muralis* in New England, 68:138.
- Lady's Slippers (*Cypripedium*) in Manitoba, Natural hybrids of, 68:53.
- Lady's Slipper Orchid, *Cypripedium calceolus* L. subsp. *parviflorum* (Salisb.) Hult. from Alaska, New record for the Yellow, 75:491.
- Lagenophora* (Compositae) from Guatemala, A new species of, 67:36.
- Lake Superior region, *Antennaria rosea* in the, 54:291.
- LAKELA, OLGA**
 Some corrections of Professor Jones's list of vascular plants from St. Louis County, Minnesota, 51:167-168.
- Two new forms of plants from Minnesota, 52:46-47.
- Previously unreported plants from Minnesota, 53:159-160.
- Previously unreported plants from Minnesota, 54:163-164.
- Previously unrecorded plants from Minnesota with additional place records of rarities, 56:39-41.
- The occurrence of *Rubus chamaemorus* in Minnesota, 56:272-273, pl. 1204.
- A new form of *Nuphar microphyllum* from Minnesota, 58:76-78.
- Rubus chamaemorus* in the Canadian Lakehead, 58:327-329, 1 map.
- Distribution of *Littorella americana* in the Mid-Arrowhead region of Minnesota, 60:33-37, 3 figs.
- Occurrence of species of *Polycarpaea* Lam. (Caryophyllaceae) in North America, 64:179-182.
- Annotation of North American *Polycarpaea*, 65:35-44, 2 figs., pls. 1280-1283.
- The identity of *Bumelia lacuum* Small, 65:280-282, pl. 1288.
- The extended distribution of *Eragrostis tracyi* from Sanibel Island, Florida, 67:312-313.
- Occurrence of *Murdannia spirata* in Florida, 70:571-574, pl. 1403.
- Eragrostis domingensis* (Pers.) Steud, new to the United States, 71:479-480.
- (LONG, ROBERT W., — and BROOME, C. ROSE), Some preliminary statistics of the flora of southern Florida, 71:495-501.
- LAKING, L.**
Peltandra virginica in Welland County, Ontario, 53:135-136.
- LALONDE, FATHER LOUIS-MARIE**
 A new *Amelanchier* from eastern Canada, 59:119-122, pl. 1228.
- LAMB, I. MACKENZIE**
 Studies in frutescent *Lecideaceae* (Lichenized *Discomycetes*), 56:105-129, 137-153, 12 figs.
 An indispensable manual of tropical marine botany, [Review], 63:57-60.
 (— and ZIMMERMANN, MARTIN H.), Marine vegetation of Cape Ann, Essex County, Massachusetts, 66:217-254, 7 figs., pls. 1298-1301.

- Laminaria digitata* (L.) Lamouroux,
An abnormal specimen of, 74:127.
- Laminaria*, The effects of forced
aeration on the longevity of, 54:
288.
- LANCIANI, GRACE D.
(— and KINGSBURY, JOHN M.),
Soil algae of forty ponds under
construction at Ithaca, New
York, 67:242-254, 4 figs.
- LANE, FRANKLIN C.
A new color form of *Triosteum*
angustifolium, 55:346-347.
- LARUE, CARL D.
The propagation of the Camper-
down Elm, 54:55-56.
The extraordinary funiculus of
Acacia confusa Merrill, 56:
229-230, 1 fig.
- LATHROP, EARL
Hedyotis minima f. *albiflora*, 59:
95.
- Lathyrus aphaca* L. new to Tennessee
and the Southeast, 74:155.
- Latin origin, Connecting vowels in
epithets of, 69:451.
- Leavenworthia aurea*, The problem
of, 58:73.
- Lechea* (Cistaceae) in the southeast-
ern United States, The genus, 63:
103.
- Lechea* (Cistaceae), Notes on Rafi-
nesque's species of, 68:192.
- Lecideaceae (Lichenized Discomy-
cetes), Studies in frutescent, 56:
105.
- Leguminosae (Caesalpinioideae), *Can-*
dolleodendron, a new genus of, 68:
432.
- Leguminosae, Chromosome numbers
of some Brazilian, 63:16.
(Leguminosae): evidence for a con-
servative treatment, Chromosome
numbers in the genus *Sesbania*, 57:
213.
(Leguminosae) from eastern Utah,
Novelties in *Hermidium* (Nyctagi-
naceae) and *Astragalus*, 54:158.
- Leguminosae from Utah, An unde-
scribed species of *Astragalus*, 72:
189.
(Leguminosae), Further considera-
tions in *Stylosanthes*, 65:245.
(Leguminosae) in Florida, A new
species of *Vicia*, 60:256.
- Leguminosae (Mimosoideae) from
southern Texas, *Calliandra biflora*,
a new species of, 56:132.
(Leguminosae), Native North Ameri-
can species of *Lespedeza*, 68:359.
- Leguminosae: nomenclatural notes,
59:116.
- Leguminosae of Mexico-Faboideae. I.
Sophoreae and Podalyrieae, 70:492.
(Leguminosae), Range extensions in
the genus *Peteria*, 59:216.
(Leguminosae), The American barbi-
styled species of *Tephrosia*, 51:193,
233, 305, 369.
(Leguminosae), The genus *Peteria*,
58:344.
(Leguminosae), The identity of *Pso-*
ralea multijuga Ell., 69:48.
- Leguminous genus *Stylosanthes*, Re-
cent studies in the, 62:340.
- LEMAIRE, ROBERT J.
A range extension for *Parapho-*
lis incurva, 63:176-177.
Conobea multifida; a new record
for Nebraska, 66:280.
Recent plant records for Nebras-
ka, 72:283-284.
(Lentibulariaceae) in the southeast-
ern United States, *Pinguicula*, 59:
217.
- LEONARD, EMERY C.
(MONACHINO, J. and —), A new
species of *Justicia* from Flori-
da, 61:183-187, 1 fig.
(— and SMITH, LYMAN B.),
Sanchezia and related Ameri-
can Acanthaceae, 66:313-343,
5 figs.
- LEPAGE, ERNEST
Another color form of *Epilobium*
latifolium L., 55:268.
- Lepanthes* in Mexico, Synopsis of the
genus, 61:1.
- Lepanthes turialvae*: a source of con-
fusion, The name, 60:97.
- Leptochloa* and *Lycopodium*, Illinois
flora: notes on, 66:165.
- Lespedeza* (Leguminosae), Native
North American species of, 68:359.
- Lesquerella angustifolia*, On the
identity of, 58:199.
- Lesquerella* (Cruciferae) in North
America, The genus, [Review], 75:
622.
- Lesquerella* (Cruciferae), The auric-
ulate-leaved species of, 57:241.
- Lesquerella*, Nomenclatural changes
in, 74:76.
- Lesser Antillean Ferns, Notes on, 63:
31; II., 68:464.
- LESTER, DONALD I.
Variation in cone morphology of
Balsam Fir, *Abies balsamea*,
70:83-94, 2 figs.
- Leucophyllum laevigatum* (Scrophu-
lariaceae) from Mexico, A new
variety of, 74:347.
- LEWIS, WALTER H.
Minor forms of North American
species of *Rosa*, 60:237-243.

- Merger of the North American *Houstonia* and *Oldenlandia* under *Hedyotis*, 63:216-223, 18 figs.
 (— and DAVIS, SHIRLEY A.), Cytological observations of *Polygala* in eastern North America, 64:102-113, 16 figs.
 (—, STRIPLING, H. LARRY and ROSS, RICHARD G.), Chromosome numbers for some Angiosperms of the southern United States and Mexico, 64:147-161, 55 figs.
 Two new species of *Polygala* from northern Mexico, 64:225-227.
 (— and TERRELL, EDWARD E.), Chromosome races in eastern North American species of *Hedyotis* (*Houstonia*), 64:313-323, 2 figs.
 Additions to the flora of the Bahama Islands, 73:46-50.
 (— and FANTZ, PAUL R.), Tribal classification of *Triosteum* (*Caprifoliaceae*), 75:120-121.
- LI, HUI-LIN
 The genus *Tovara* (*Polygonaceae*), 54:19-25.
- Liatris*, A necessary transfer in, 51:34.
- Liatris* and *Vernonia*, White-flowered forms of, 59:23.
- Lichen genus *Buellia* from the West Indies, An additional species of the, 57:323.
 (Lichenized *Discomycetes*), Studies in frutescent *Lecideaceae*, 56:105, 137.
- Lichens of Worcester County, Massachusetts, The fruticose and foliose, 60:74.
- (*Liliaceae*), A new combination in *Tofieldia glutinosa*, 73:53.
- (*Liliaceae*), a new pedicellate-flowered species from northeastern Georgia and adjacent North Carolina, *Trillium persistens*, 73:244.
- (*Liliaceae*), A revision of the North American genus *Uvularia*, 65:158.
- Liliaceae* from the southeastern States, Some new or otherwise interesting reports of, 63:304.
- (*Liliaceae*), Variation within *Calochortus venustus*, 74:350.
- Lilium canadense* Linnaeus, The variations of, 58:14.
- Limnoscium*, *Dicliptera* and *Iresine*, Illinois flora: notes on, 64:282.
- (*Linaceae*) of South America, The reevaluation of the genus *Cliococca*, 73:560.
- LINCOLN, ALEXANDER, JR.
 A notable assemblage of plants in New Hampshire, 63:294-295.
- Linden (*Tilia*) forest on Cape Cod (with extended notes on *Tilia neglecta*, *Bromus pubescens* and *Ribes hirtellum*), A, 72:339.
- Lindera melissaefolia*, 51:153.
- LINDLEY'S *Aesculus neglecta*, The status of, 62:127.
- LINKE, WILLIAM R., JR.
Drosera filiformis in Connecticut, 65:273.
- Linnaean names of some New World species of *Euphorbia* subgenus *Chamaesyce*, The application of the, 68:155.
- Linum bahamense* complex, The, 70:439.
- Linum coahuilense*, a new species from northern Mexico, 66:278.
- Linum hudsonioides*, Studies in *Linum*: *L. imbricatum* and, 65:50.
- Linum imbricatum* and *L. hudsonioides*, Studies in *Linum*., 65:50.
- Linum*: *L. imbricatum* and *L. hudsonioides*, Studies in, 65:50.
- Linum modestum*, a new species from Mexico, 66:406.
- Linum*, Pollen morphology as a taxonomic tool in, 65:137.
- LIOGIER, BROTHER ALAIN H.
 Nomenclatural changes and additions to Britton and Wilson's *Flora of Porto Rico and the Virgin Islands*, 67:315-361.
 Further changes and additions to the flora of Porto Rico and the Virgin Islands, 69:372-376.
- Liquidambar, Chromosome number in, 74:287.
- Listera cordata* (L.) R.Br. in the Bruce Peninsula, Ontario, 72:274.
- Lithospermum canescens* (*Boraginaceae*), Heterostyly and homostyly in, 63:229.
- Litrisa* (*Compositae*), Generic considerations concerning *Carphephorus*, *Trilisa* and, 60:117.
- LITTLE, ELBERT L., JR.
 Mapping ranges of the trees of the United States, 53:195-203.
 Preparing specimens of *Picea* and *Tsuga*, 54:232-234.
- Littorella americana* in the Mid-Arrowhead region of Minnesota, Distribution of, 60:33.

- LIVINSTON, ROBERT B.
A spurless form of *Aquilegia canadensis* L., 69:195-197, 1 fig.
- Locust, Viability of seed of the Black, 58:26.
- LLOYD, C. E.
A case of mistaken identity or the mysterious —, 70:462-466.
- LLOYD, ROBERT M.
Tetraploid *Pasiflora incarnata* in North Carolina, 65:79-80.
- LOGUE, JOHN F.
(BOZEMAN, JOHN R. and —),
A range extension for *Hudsonia ericoides* in the southeastern United States, 70:289-292.
- Lomatogonium, Note on, 65:364.
- Lomentaria clavellosa (Turner) Gail-
lon: an addition to the marine
algal flora of New Hampshire, 74:
158.
- LONARD, R. I.
(GOULD, F. W. and —), *Eragro-*
stis plana in South Carolina,
72:188.
- LONG, BAYARD
[Bryophytes of Virginia III. Col-
lections made in southeastern
Virginia by —], 53:117-128.
(1885 - 1969), [Biographical
sketch], 72:130-136, 1 photo.
- LONG, ROBERT W., JR.
Synopsis of *Helianthus giganteus*
L. and related species, 56:198-
203.
- Dentaria multifida* in central
Ohio, 58:160-161.
- Notes on the distribution of Ohio
Compositae: I. *Heliantheae*,
Anthemideae, 60:125-128.
- Notes on the distribution of Ohio
Compositae: II. *Eupatorieae*,
Senecioneae, *Cynareae*, *Cicho-*
rieae, 61:76-79.
- A new manual for Ohio Vascular
plants, [Review], 63:55-57.
- (— and UTTALL, LEONARD J.),
Some observations on flowering
in *Ruellia* (*Acanthaceae*), 64:
200-206.
- Observations regarding the occur-
rence and relationships of
Ruellia lorentziana (*Acantha-*
ceae) in southern Florida, 68:
432-434, pl. 1336.
- (—, LAKELA, OLGA and BROOME,
C. ROSE), Some preliminary
statistics of the flora of south-
ern Florida, 71:495-501.
- Additions and nomenclatural
changes in the flora of south-
ern Florida, 72:17-46.
- Longevity of *Laminaria*, The effects
of forced aeration on the, 54:288.
- LONGPRE, E. K.
(DEJONG, D. C. D. and —),
Chromosome studies in Mexi-
can *Compositae*, 65:225-240, 35
figs.
- Lonicera xylosteum* in Missouri, *Ment-*
zelia albescens and, 63:118.
- Louisiana and Mississippi, *Paspalum*
minus (*Gramineae*) in, 68:94.
- LÖVE, ASKELL
(— and LÖVE, DORIS), *Rumex*
thyrsiflorus new to North
America, 59:1-5.
A new botanical masterpiece from
Denmark, [Review], 59:269-
272.
A new flora of Greenland, [Re-
view], 59:290-292.
A milestone in botanical cartog-
raphy, [Review], 61:28-33.
Flora and vegetation of the Alps,
[Review], 61:150-152.
Some notes on *Myriophyllum*
spicatum, 63:139-145.
- LÖVE, DORIS
Cirsium flodmani (Rydb.) Arth.,
f. *albiflorum*, forma nova, 55:
362-363.
(LÖVE, ASKELL and —), *Rumex*
thyrsiflorus new to North
America, 59:1-5.
(— and BERNARD, FRÈRE JEAN-
PAUL), *Rumex stenophyllus* in
North America, 60:54-57, 1 fig.
The red-fruited Crowberries in
North America, 62:265-292, 7
figs.
A useful multilingual botanical
dictionary, [Review], 63:291-
294.
(— and HARRIES, HINRICH),
Streptopus oreopolus Fern., a
hybrid taxon, 65:310-317, 1 fig.
- LOWDEN, RICHARD M.
Revision of the genus *Pontederia*
L., 75:426-487, 25 figs.
- Ludwigia natans* (*Onagraceae*), An
earlier name for, 67:83.
- Luminous Moss, A Rhode Island sta-
tion for, 71:305.
- Lupinus argenteus* and *L. caudatus*
complexes, Nomenclature of the,
72:110.
- Lupinus caudatus* complexes, Nomen-
clature of the *Lupinus argenteus*
and, 72:110.
- Lupinus mexicanus* Cerv. ex Lag.,
74:489.
- Luzula acuminata*, The varieties of,
64:74.

- Luzula saltuensis*, On the nomenclature of, 53:242.
- Lyallia* on Kerguelen Islands, Palynological evidence for the late glacial occurrence of *Pringlea* and, 75:239.
- Lycopodium*, Illinois flora: notes on *Leptochloa* and, 66:165.
- Lycopus europaeus* (European Water-Horehound) in North America, Distributional history of, 72:351.
- Lygodium palmatum* vs. urbanization, 58:270.
- LYON, JOHN
—, nurseryman and plant hunter, [Review], 65:283.
- Lyonia* in Missouri, The genus, 55:155.
- Lysimachia ciliata* L., Chromosome number of, 73:556.
- Lysimachia terrestris* and *L. thyrsiflora*, The hybrid of, 52:199.
- Lysimachia thyrsiflora*, The hybrid of *Lysimachia terrestris* and, 52:199.
- MCCAIN, JOHN
(—, PIKE, RADCLIFFE B. and HODGDON, ALBION R.), The vascular flora of Kent Island, Grand Manan, New Brunswick, 75:311-322.
- MCCLURE, F. A.
A new feature in Bamboo rhizome anatomy, 65:134-136, pl. 1884.
- MCCOLLUM, GILBERT D.
(OWNBEY, MARION and —), The chromosomes of *Tragopogon*, 56:7-21, 50 figs.
- MACDONALD, M. E.
(MACDONALD, ROBERT D. and —), A new method for maintaining the cones of *Abies* and *Cedrus* intact for study and storage, 68:516-517, pl. 1337.
- MACDONALD, ROBERT D.
(— and MACDONALD, M. E.), A new method for maintaining the cones of *Abies* and *Cedrus* intact for study and storage, 68:516-517, pl. 1337.
Yellow-fruited *Cornus florida*—cultivar or form? 70:568-571.
- MCDOWELL, G. W.
(DUNCAN, WILBUR H., VENARD, HASKELL and —), *Shortia galacifolia* from Georgia, 52:229-232, 1 map.
- McGonagall Mountain area, Some plants of Mount McKinley National Park, 55:245.
- MCGREGOR, RONALD L.
New and interesting vascular plant records from Kansas, 62:93-95.
A new form of *Astragalus mollissimus*, 62:116.
(—, HARMS, VERNON L. and POINDEXTER, JERALD D.), New plant records from Kansas, 63:146-148.
(—, MAGRATH, LAWRENCE K. and WEEDON, RONALD R.), New and interesting plants from the Great Plains, 74:378-388.
- MACKEEVER, FRANK C.
A variegated foliage form of *Commelina*, 63:88-90.
An albino fruited form of *Gaultheria procumbens*, 63:346-347.
An albino fruited form of *Vaccinium macrocarpon*, 64:350-351.
- MCKELVEY'S history: an appreciation with some incidental inquirendae and addendae, Susan, [Review], 59:182.
- McKinley National Park, McGonagall Mountain area, Some plants of, 55:245.
- Machaeranthera* section *Psilactis*, A new species of, 69:476.
- Machias Seal Islands, Changes in flora of the, 64:340.
- Mackenzie, Northwest Territories, Life-forms in the Plains flora of southern, 65:149.
- MCVAUGH, ROGERS
Nomenclatural and taxonomic notes on Mexican Compositae, 74:495-516.
- Macvaughia, Oaxacania and Planalto, Studies in the Compositae-Eupatorieae XV. Jalisco, 72:100.
- Magnolia grandiflora* in Gray's Manual range, 66:159.
- Magnolia tripetala* L. and *Aralia spinosa* L. in St. Louis County, Missouri, 71:478.
- Magnolia virginiana*, its history and present status, The northernmost station of, 61:65.
- MAGRATH, LAWRENCE K.
Spiranthes tuberosa, new for Kansas, 72:141.
(MCGREGOR, RONALD, — and WEEDON, RONALD R.), New and interesting plants from the Great Plains, 74:378-388.
Vascular plants new for Oklahoma, Kansas and Nebraska, 73:300-304.

- MAGUIRE, BASSETT**
 Studies in the Caryophyllaceae —
 IV. A synopsis of the North
 American species of the sub-
 family Silenoideae, 52:233-245.
 On the application of the name
Arnica lessingii (Torrey and
 Gray) Greene, 52:281-283.
 (CRONQUIST, ARTHUR, KECK,
 DAVID DANIEL and —), Validity
 of Nuttall's names in Fraser's
 Catalogue, 58:23-24.
Arenaria rossii and some of its
 relatives in America, 60:44-53.
- Maine, A new Rhododendron station**
 in, 60:328.
- Maine, A second occurrence for Tri-**
phora trianthophora (Sw.) Rydb.
 in, 74:141.
- Maine, An abbreviated flora of, [Re-**
 view], 51:5.
- Maine and New Hampshire, An eco-**
 logical interpretation of Rhododen-
 dron colonies in, 63:61.
- Maine and New Hampshire, Chima-**
phila maculata (L.) Pursh in, 75:
 162.
- Maine and New Hampshire, Recent**
 changes in some Rhododendron col-
 onies in, 62:87.
- Maine, *Basycladia* in, 51:232.**
- Maine flora, Some new locals in the,**
 75:166.
- Maine, Floristic comparison of three**
 bird islands in the Gulf of, 71:510.
- Maine, Further additions to the bryo-**
 flora of Mt. Katahdin, 72:493.
- Maine, Further light on Aaron Young**
 Jr's Flora of, 55:293.
- Maine, Helleborine (*Epipactis helle-***
borine) in, 62:142.
- Maine, Note on *Primula laurentiana***
 in, 65:286.
- Maine, Notes on Great Wass Island,**
 65:285.
- Maine, Revised check-list of the vas-**
 cular plants of, [Review], 68:521.
- Maine, The flora of Isle au Haut, 72:**
 505.
- Maine, *Triphora trianthophora* (Sw.)**
 Rydb. in, 71:509.
- Makers of North American Botany,**
 [Review], 64:186.
 (Malvaceae), A reconsideration of
Sidopsis Rydberg and notes on
Malvastrum A. Gray, 69:9.
 (Malvaceae), Some chromosome num-
 bers in the genus *Callirhoë*, 58:100.
- Malvastrum A. Gray (Malvaceae), A**
 reconsideration of *Sidopsis* Rydberg
 and notes on, 69:9.
- Manchester Museum, *Perlustrationes***
Plantarum Arcticarum II: 'Parry
 Plants' in the, 54:45.
- Mandarin, a notable addition to the**
 flora of Arkansas, *The Yellow*, 74:
 523.
- MANGALY, JOSE K.**
 A cytotaxonomic study of the
 herbaceous species of *Smilax*:
 section *Coprosmanthus*, 70:55-
 82, 247-273, 25 figs.
- Manitoba, Additions and extensions to**
 the flora of, 58:321.
- Manitoba, Natural hybrids of the**
Lady's Slippers (*Cypripedium*) in,
 68:53.
- MANNING, WAYNE E.**
 The status of *Hicoria borealis*
 Ashe, 51:85-89.
 A key to the Hickories north of
 Virginia with notes on the two
 Pignuts, *Carya glabra* and *C.*
ovalis, 52:188-199.
 A second record for the Giant
 Chickweed, *Myosoton aquati-*
cum, in New Hampshire, 73:19.
 The northern limits of the dis-
 tribution of Hickories in New
 England, 75:34-52, 8 maps.
- Manual of Tropical Marine botany,**
 An indispensable, [Review], 63:57.
- Maple, A range-extension for Sugar,**
 55:59.
- Maples, Chromosome number in**
Striped and Mountain 64:281.
- Mapping ranges of the trees of the**
 United States 53:195.
- MARCHAND, PETER J.**
 Wind and the winter-exposed
 plant, 74:528-531.
- Marine algae (cf. entries under Al-**
gae).
- Marine algal (cf. entries under Al-**
gal).
- Marine botany, An indispensable**
 manual of tropical, [Review], 63:
 57.
- Marine vegetation of Cape Ann, Es-**
 sex County, Massachusetts, 66:217.
- Maritime Provinces, A catalogue of**
 fresh-water algae of the, [Review],
 53:182.
- Marsh and aquatic plants. 2., Range**
 extensions of, 53:91.
- MARSHALL, H. H.**
 (—, GROSS, A. T. H. and STEVEN-
 SON, G. A.), Natural hybrids
 of *Lady's Slippers* (*Cypriped-*
ium) in Manitoba, 68:53-58.
- Martha's Vineyard, Crooked Oaks on**
 Cape Cod and, 57:132.

- MARTIN, WILLIAM C.
(SMITH, DALE M. and —), Natural hybridization of *Helianthus longifolius* with *H. atrorubens* and *H. occidentalis*, 61:140-147, 1 fig.
- Maryland and Delaware, New or additional records of grasses in, 56:178.
- Maryland, *Cycloloma* in, 59:160.
- Maryland, Delaware, and the District of Columbia, A Fern flora of, [Review], 56:62.
- Maryland, *Froelichia gracilis* in, 58:35.
- Maryland including the Chesapeake Bay area, The marine algae of Virginia and, 75:258.
- Maryland, *Mazus reptans* (Scrophulariaceae) in, 64:229.
- Maryland, *Tussilago farfara* in, 53:93.
- Massachusetts, A county catalogue with annotations, The mosses of, 62:145.
- Massachusetts, A list of Algae from selected areas in, 63:275.
- Massachusetts, A note on *Ceratophyllum demersum* and *C. echinatum* in Worcester County, 56:257.
- Massachusetts, A rare blue-green alga from, 66:163.
- Massachusetts, An old local herbarium of New Salem, 54:80.
- Massachusetts and the North Carolina Outer Banks, A floristic comparison of Lower Cape Cod, 70:215.
- Massachusetts, Benthic salt marsh algae at Ipswich, 73:262.
- Massachusetts, *Cabomba caroliniana* grows in Worcester County, 60:321.
- Massachusetts, *Cabomba caroliniana* in Essex County, 60:116.
- Massachusetts, *Carex molesta* in, 59:33.
- Massachusetts, *Dalea alopecuroides* on Plum Island, Essex County, 52:299.
- Massachusetts, *Echinochloa walteri* in Concord, 59:262.
- Massachusetts, *Elsholtzia ciliata* in Essex County, 61:63.
- Massachusetts Fern, A new station for the, 65:309.
- Massachusetts Fern in Wisconsin, Discovery of the, 67:399.
- Massachusetts, Flagellates and Desmids new to, 69:55.
- Massachusetts Herbarium, The old, 55:7.
- Massachusetts?, How many species of vascular plants grow without cultivation in, 55:361.
- Massachusetts, Interesting fungi from, 61:127.
- Massachusetts, Marine vegetation of Cape Ann, Essex County, 66:217.
- Massachusetts, *Nelumbo lutea* in Essex County, 60:116.
- Massachusetts, *Nostoc parmelioides* in, 64:358.
- Massachusetts, Notes on the flora of Penikese Island, 63:149.
- Massachusetts, *Peucedanum palustre* again in, 73:460.
- Massachusetts, *Peucedanum palustre*, an interesting addition to the flora of Essex County, 61:181.
- Massachusetts, Publication date for the flora of Stoughton, 66:31.
- Massachusetts published since 1898, Plant lists are where you find them; a list of local floras of, 62:20.
- Massachusetts, *Rhododendron maximum* at Medfield, 52:279.
- Massachusetts, *Rorippa sessiliflora* in Essex County, 60:260.
- Massachusetts, Seasonal occurrence and ecology of salt marsh phanerogams at Ipswich, 70:422.
- Massachusetts, *Sesbania exaltata* (Raf.) Cory in Essex County, 62:234.
- Massachusetts, Some interesting records from eastern, 60:316.
- Massachusetts, Status of *Phragmites communis* Trin. var. *berlandieri* (Fourn.) Fernald along the Sudbury River in eastern, 54:135.
- Massachusetts, The flora of Monomoy Island, 71:18.
- Massachusetts, The fruticose and foliose Lichens of Worcester County, 60:74.
- Massachusetts, The spontaneous flora of an old house-lot in eastern, 60:61.
- Massachusetts, Three grasses apparently new to, 62:262.
- Massachusetts, Two Crucifers new to Essex County, 61:187.
- Massachusetts, Two grasses new to Essex County, 61:247.
- Massachusetts, Two unusual plants in Essex County, 55:248.
- Massachusetts with special reference to the collection of Charles Albert Robbins, List of the Cladoniae of southeastern, 74:254.
- Massachusetts, *Wolffia columbiana* in Methuen, 53:272.

- Massachusetts, I. Zonation and distribution of algal species, The ecology of benthic salt marsh algae at Ipswich, 74:475.
- MASSEY, A. B.
Cycloloma in Maryland, 59:160.
Alternanthera in Virginia, 59:239.
 The Blessed Thistle in Virginia, 62:233-234.
Bunias erucago in Virginia, 62:293.
- MATHIESON, ARTHUR C.
 (—, DAWES, CLINTON J. and HUMM, HAROLD J.), Contributions to the marine algae of Newfoundland, 71:110-159, 1 fig.
 (GRUENDLING, GERHARD K. and —), Phytoplankton flora of Newfound and Winnisquam Lakes, New Hampshire, 71:444-477, 42 figs.
 (— and FULLER, STEPHEN W.), A preliminary investigation of the benthonic marine algae of the Chesapeake Bay region, 71:524-534, 1 fig.
 (HEHRE, EDWARD J. and —), Investigations of New England marine algae III: composition, seasonal occurrence and reproductive peridiocity of the marine Rhodophyceae of New Hampshire, 72:194-239, 2 figs.
 (STONE, RICHARD A., HEHRE, EDWARD J., CONWAY, JOAN M. and —), A preliminary checklist of the marine algae of Campobello Island, New Brunswick, Canada, 72:313-318, 1 map.
 (—, SWAN, EMERY F. and FRALICK, RICHARD A.), An abnormal specimen of *Laminaria digitata* (L.) Lamouroux, 74:127-130, 3 figs.
 (— and FRALICK, RICHARD A.), Investigations of New England marine algae V. The algal vegetation of the Hampton-Seabrook Estuary and the open coast near Hampton, New Hampshire, 74:406-435, 3 figs.
 (— and FRALICK, RICHARD A.), Benthic algae and vascular plants of the lower Merrimack River and adjacent shoreline, 75:52-64, 1 fig.
- May-apple, Color-forms of the, 54:131.
- MAYCOCK, PAUL F.
Tiarella cordifolia in Wisconsin, 58:309-310.
Mazus reptans (Scrophulariaceae) in Maryland, 64:229.
 (Medicago) found wild in the United States, Authorship and nomenclature of Bur Clovers, 58:1.
Medicago polymorpha var. *vulgaris*, 58:310.
 Medical botany, The widening panorama in, 65:97.
- MEHRA, K. L.
 (CELARIER, ROBERT P. and —), Determination of polyploidy from herbarium specimens, 60:89-97, 8 figs.
 (FARUQI, SHAMIN A., CELARIER ROBERT P. and —), The taxonomy of *Setcreasea ovata*, 64:68-73, 6 figs.
 (FARUQI, SHAMIM A., — and CELARIER, ROBERT P.), A new species of *Setcreasea* from Mexico, 64:329-331.
 (FARUQI, SHAMIM A. and —), Biosystematics of *Setcreasea brevifolia*, 70:264-271.
- MEISSNER, PHILIP G.
 A note on *Ceratophyllum demersum* and *C. echinatum* in Worcester County, Massachusetts, 56:257-258.
- Melampodium (Compositae; Heliantheae), Revision of the genus, 74:1, 161.
- Melampyrum lineare and a note on its seed color, The parasitic behavior of, 64:15.
- Melanthera (Compositae), A revision of North American and Caribbean, 75:169.
 (Melastomataceae), Floral anatomy of *Rhexia virginica*, 69:163.
- MELCHERT, T.
 (ILTIS, HUGH H., REED, JACK and —), *Elymus arenarius* and *Diarrhena americana* in Wisconsin, 62:199-201.
- MELLINGER, MARIE
 (DUNCAN, WILBUR H. and —), *Edgeworthia* (Thymelaeaceae) new to the Western Hemisphere, 74:436-439.
- Mentzelia albescens* and *Lonicera xylosteum* in Missouri, 63:118.
- MENZEL, MARGARET Y.
 What is *Physalis variovestita*? 62:117-121.

MERILÄINEN, JOUKO

- Najas minor All. in North America, 70:161-175, 27 figs.
- Merrimack River and adjacent shoreline, Benthic algae and vascular plants of the lower, 75:52.
- Mexican and Guatemalan Compositae, Chromosome numbers in, 64:271.
- Mexican and Guatemalan species, Chromosome numbers in the Compositae V., 63:121.
- Mexican and Guatemalan species, Chromosome numbers in the Compositae VI., Additional, 64:251.
- Mexican Brickellias, Some rarely collected, 54:229.
- Mexican Ferns, An annotated bibliography of, [Review], 69:62.
- Mexican Compositae, Nomenclatural notes and taxonomic notes on, 74:495.
- Mexican Cruciferae, Some new primitive, 58:148.
- Mexico, A new radiate Hymenopappus from, 59:96.
- Mexico, A new species of Asterella from, 68:470.
- Mexico, A new species of Haplopappus from, 63:177.
- Mexico, A new species of Ratibida (Compositae) from, 66:267.
- Mexico, A new species of Samolus (Primulaceae) from, 60:1.
- Mexico, A new species of Setcreasea from, 64:329.
- Mexico, A taxonomic study of the genus Physalis in North America north of, 60:107, 128, 152.
- Mexico and the United States, Some floristic relationships between, 56:181.
- Mexico and western Texas, Miscellaneous Cruciferae of, 59:61.
- Mexico, Central America and the West Indies, Physalis in, 69:82, 203, 319.
- Mexico, Chromosome numbers for some Angiosperms of the southern United States and, 64:147.
- Mexico, Correll's Native Orchids of North America north of, [Review], 53:247.
- Mexico, Croton suaveolens and Croton abruptus (Euphorbiaceae) of western Texas and northern, 62:77.
- Mexico — Faboideae. I. Sophoreae and Podalyriaceae, Leguminosae of, 70:492.
- Mexico, Linum coahuilense, a new species from northern, 66:278.
- Mexico, Linum modestum, a new species from, 66:406.
- Mexico, Separothea, a new genus (Commelinaceae) from, 61:136.
- Mexico, Some Sisymbriums (Cruciferae) native to Texas and northeastern, 62:55.
- Mexico, Synopsis of the genus Lepanthes in, 61:1.
- Mexico, Tovara in, 54:305.
- Mexico, Two new species of Polygala from northern, 64:225.
- Micheliella verticillata in Ohio, 66:275.
- Michigan: a second North American record, Filago arvensis in, 55:228.
- Michigan, Additions to the bryophyte flora of Keweenaw County, 64:121.
- Michigan and its general range in North America, Epipactis helleborine (L.) Crantz in, 53:240.
- Michigan, Bidens connata var. gracilipes Fern. in western, 63:145.
- Michigan, Holosteum umbellatum L., an angiosperm new to, 64:222.
- Michigan, Hybrid Aspens in the Lower Peninsula of, 63:311.
- Michigan, New records of grasses from the Chicago region and lower, 65:284.
- Michigan records for Sarracenia purpurea forma heterophylla, Some, 58:203.
- Michigan, Shrubs of, [Review], 52:208.
- Michigan with the description of a new intermediate taxon, Perennial Ragweeds (Ambrosia) in, 60:177.
- Micrasterias nordstedtiana, Seventy-five years later, a second station in New England for, 73:56.
- Microcoleus lyngbyaceus (Kütz.) Crouan from marine habitats in New England, Observations on, 73:238.

MIKULA, BERNARD

(BALDWIN, J. T. JR., SPEESE, BERNICE M. and —), Chromosomes of Trillium pusillum Michx., var. virginianum Fernald, 51:368, 1 fig.

MILDNER, R.

(ROGERS, C. MARVIN and —), The reevaluation of the genus Cliococca (Linaceae) of South America, 73:560.

Milium effusum, The North American variety of, 52:218.

- MILLER, KIM I.**
 (WEBSTER, GRADY L. and —),
 The genus *Reverchonia* (Euphorbiaceae), 65:193-207, 6 figs.
 (— and WEBSTER, GRADY L.), A preliminary revision of *Tragia* (Euphorbiaceae) in the United States, 69:241-305, 29 figs. pl. 1356.
- Mimulus**, Floral structure, hybridization and evolutionary relationship of two species of, 75:225.
- Minnesota**, A floristic study of Cook County, northeastern, 55:21, 63, 116, 161.
- Minnesota** A new form of *Nuphar microphyllum* from, 58:76.
- Minnesota**, A new station for *Hamelis virginiana* L. in, 69:457.
- Minnesota** and adjacent areas of the Great Lakes, Notes on Nearctic Hepaticae VI. Phytogeographical relationships of critical species in, 60:209, 243.
- Minnesota**, *Carex aenea* Fernald (typical) in Cook County, 56:231.
- Minnesota**, Distribution of *Littorella americana* in the Mid-Arrowhead region of, 60:33.
- Minnesota** flowering plants with notes on additions to the flora, Studies of, 52:54.
- Minnesota**, Notes on flowering plants in, 59:6.
- Minnesota**, Notes on the distinction between the broad- and narrow-leaved *Antennarias* of, 60:306.
- Minnesota**, Previously unreported plants from, 53:159; 54:163.
- Minnesota**, Some corrections of Professor Jones's List of vascular plants from St. Louis County, 51:167.
- Minnesota**, The occurrence of *Rubus chamaemorus* in, 56:272.
- Minnesota**, Two new forms of plants from, 52:46.
- Minnesota** with additional place records of rarities, Previously unreported plants from, 56:39.
- Miscanthus** (Gramineae), Phytogeographic notes on *Rottboellia*, *Paspalum* and, 65:146.
- MISH, LAWRENCE R.**
 List of the *Cladoniae* of southeastern Massachusetts with special reference to the collection of Charles Albert Robbins, 74:254-263.
- Misprints** and other typographical errors in Gray's Manual, 52:280.
- Mississippi**, A disjunct community of Chestnut Oak in, 63:324.
- Mississippi**, A floristic and ecological study of Pitcher Plant bogs in south, 71:29.
- Mississippi**, *Allium ampeloprasum* in, 69:61.
- Mississippi**, *Eulophia ecristata* and *Epidendrum conopseum* in, 67:48.
- Mississippi**, *Paspalum minus* (Gramineae) in Louisiana and, 68:94.
- Mississippi**, *Rhapidophyllum hystrix* in, 74:525.
- Missouri**, A hybrid *Amorpha* and new forms and records from, 55:157.
- Missouri**, A new *Tridens* record from, 59:72.
- Missouri**, Additional notes on grasses of Boone County, 55:289.
- Missouri**, Adventitious and escaped plants new to, 59:27.
- Missouri**, An unusual botanical area in, 60:205.
- Missouri**, *Calamagrostis insperata* in, 56:43.
- Missouri**, \times *Carex deamii* in, 60:174.
- Missouri**, *Eragrostis curvula* in, 56:273.
- Missouri** flora, New combinations and forms in the, 62:130.
- Missouri**, Flora of, [Review], 66:92.
- Missouri**, *Ipomoea amnicola* (Convolvulaceae), a South American waif in, 67:200.
- Missouri**, *Magnolia tripetala* L. and *Aralia spinosa* L. in St. Louis County, 71:478.
- Missouri**, *Mentzelia albescens* and *Lonicera xylosteum* in, 63:118.
- Missouri**, New plant station records in, 59:240.
- Missouri** Ozark region, Another Coastal Plain relict in the, 55:15.
- Missouri** Ozarks, *Dodecatheon amethystinum* and forma *margaritaceum* in the, 55:226.
- Missouri** plant-records (1946-1948), New, 51:115.
- Missouri** plant records (1949-1951), New, 54:250.
- Missouri**, Plants new to, 57:310.
- Missouri**, The discovery and destruction of *Callicarpa americana* in, 55:238.
- Missouri**, The genus *Lyonia* in, 55:155.
- Missouri** together with some notes on the *Heuchera parviflora* group, A new *Heuchera* from, 53:105.

- Mistletoe on Persimmon, 51:105.
 Misuse of the term taxon, *The*, 59:43.
- MITCHELL, RICHARD S.
 A re-evaluation of *Polygonum meisnerianum* in North America, 72:182-188, 2 figs.
- MITCHELL, WM. W.
 (— and HODGSON, H. J.), Hybridization within the Triticeae of Alaska: a new \times Elyhordeum and comments, 70:467-473, 2 figs.
- MOHLENBROCK, ROBERT H.
 Some notes on the flora of southern Illinois, 56:227-228.
 Contributions to the flora of southern Illinois, 57:319-322.
 (— and VOIGT, JOHN W.), Contributions to the flora of southern Illinois, 59:125-128.
 Field and herbarium studies in southern Illinois, 60:292-297.
 (— and VOIGT, JOHN W.), New plant records from Illinois, 62:239-241.
 Recent studies in the Leguminous genus *Stylosanthes*, 62:340-343.
 A decade of botanizing in Illinois, 63:19-24.
 (— and HALBIG, LEO E.), The annual species of *Houstonia* in Illinois, 64:28-31.
 (—, OZMENT, JAMES E. and FOLKERTS, GEORGE W.), Additions to the flora of Illinois, 64:356-358.
 Contributions to an Illinois flora, I. The genus *Physostegia*, 65:58-64.
 Further considerations in *Stylosanthes* (Leguminosae), 65:245-258, 30 figs.
 (FORE, PAUL L. and —), Two new Naiads from Illinois and distributional records of the Naiadaceae, 68:216-220.
 (— and EVANS, DAN K.), Illinois field and herbarium studies, 74:142-151.
- MOLDENKE, HAROLD N.
 Curlygrass in New York State, 62:294.
- MONACHINO, JOSEPH
 Yonkers Wool Mill plant records, 58:43-45.
 Adventive plants in New York, 59:17-20.
Elatine triandra in New York, 60:58-59.
- Potentilla anglica* in New York, 61:152-155.
 (— and LEONARD, EMERY C.), A new species of *Justicia* from Florida, 61:183-187, 1 fig.
 The type of *Setaria faberii*, 61:220-223.
- Monarda fistulosa*, A naturally occurring F¹ hybrid of *Monarda media* and, 61:302.
Monarda media and *M. fistulosa*, A naturally occurring F¹ hybrid of, 61:302.
Monarda stipitatoglandulosa, a new species from Oklahoma, 72:502.
- Monocots, Nomenclatural notes on, 68:435.
- Monotropis lehmaniae* not a real species, 59:259.
- Monstrosity, *Andropogon praematurus*, a fungus-induced, 58:326.
- Montana, New records of disjunct arctic-alpine plants in, 70:103.
- Montana plant-distribution records, 52:52.
- Montana plant distribution records, 55:236.
- MONTGOMERY, F. H.
 A nomenclatural note in the genus *Tragopogon*, 55:325-328, pl. 1197.
 Preliminary studies in the genus *Dentaria* in eastern North America, 57:161-173, 12 figs.
Dentaria in Indiana and Ohio, 59:179-180, 2 figs.
- MOORE, DWIGHT MUNSON
Neviusia alabamensis in Arkansas, 58:187-191, 1 fig., 1 pl.
- MOORE, H. E., JR.
 A substitute for formaldehyde and alcohol in plant-collecting, 52:123-124.
- MOORE, JEWEL E.
Hedyotis rosea in Arkansas, 58:331.
- MOORE, JOHN ADAM
Silene virginica in the Gulf States, 58:27-29, 1 fig.
- MOORE, JOHN W.
 Studies of Minnesota flowering plants with notes on additions to the flora, 52:54-60.
 Notes on flowering plants in Minnesota, 59:6-8.
- MOORE, MARY I.
 New form of *Thuja occidentalis* resembling known cultivars, 74:352-357, 2 figs.

- MOORE, R. J.**
Distribution of native and introduced Knapweeds (*Centaurea*) in Canada and the United States, 74:331-346.
- MOORE, ROYALL T.**
The genus *Piricauda* (Deuteromycetes), 61:87-107.
- MORLEY, THOMAS**
Notes on the distinction between the broad- and narrow-leaved *Antennarias* of Minnesota, 60:306.
- MORROW, LORING**
(— and NICKERSON, NORTON H.), Salt concentrations in ground waters beneath *Rhizophora mangle* and *Avicennia germinans*, 75:102-106.
- MORTON, C. V.**
The misuse of the term taxon, 59:43-44.
Varieties of *Ballota nigra* in the eastern United States, 68:93-94.
A new weed introduction in New England, *Atriplex sibirica*, 71:580-581.
- MORTON, GARY H.**
Chaff on the receptacle of *Solidago juncea*, 70:304-306, 1 fig.
- MORTON, J. K.**
Spontaneous hybrids between *Cerastium tomentosum* Linn. and *C. arvense* Linn., 74:519-521.
- Moss, A** Rhode Island station for Luminous, 71:305.
- Moss from Nebraska, A new,** 51:128.
- Mosses, Nomenclatural and other notes on,** 52:72; — II., 54:156.
- Mosses of Massachusetts, a county catalogue with annotations, The,** 62:145.
- MOUL, EDWIN I.**
Notes on the flora of Penikese Island, Massachusetts, 63:149-150.
Flora of Monomoy Island, Massachusetts, 71:18-28.
- Mount Greylock region V., Bryophytes of the,** 59:25.
- Mount McKinley National Park, McGonagall Mountain area, Some plants of,** 55:245.
- Mount Washington, Juniperus communis var. saxatilis from,** 58:50.
- Mt. Washington station for Gnaphalium supinum, A new,** 72:555.
- Mountain-Ash, Nomenclature of American,** 55:358.
- Mounting evergreen conifer twigs with deciduous leaves, A new method for,** 66:216.
- Mounting herbarium specimens, New plastic aid in,** 52:298.
- Mounting herbarium specimens, The Archer method for,** 57:294.
- Mounting plants, Sandbags as a technical aid in,** 62:322.
- Mounting pressed flowers for study and preservation, A method of,** 56:258.
- MÜHLENBACH, VIKTOR**
Adventitious and escaped plants new to Missouri, 59:27.
- Muhlenbergia sobolifera in New Hampshire, Range extension of,** 70:452.
- MÜHLING, GABRIELE N.**
(— and WILSON, G. B.), The chromosomes of *Podophyllum peltatum*, 63:267-275, pls. 1262-1264.
- MUENSCHER, W. C.**
Veronica filiformis a weed of lawns and gardens, 51:365.
- Mugo Pine in New Hampshire, Naturalized,** 61:121.
- MULCAHY, DAVID L.**
Interpretation of crossing diagrams, 67:146-154, 3 figs.
- MULLIGAN, GERALD A.**
Chromosome races in the *Chrysanthemum leucanthemum* complex, 60:122-125.
(— and CALDER, JAMES A.), The genus *Subularia* (Cruciferae), 66:127-135, 2 figs., pl. 1295.
- Mundo Novo Tropicale commentationes. II. The vegetal ingredients of the Myristicaceous snuffs of the Northwest Amazon, De plantis toxicariis e,** 70:113.
- Murdannia spirata in Florida, Occurrence of,** 70:571.
- MURDY, W. H.**
Plant speciation associated with granite outcrop communities of the southeastern Piedmont, 70:394-407, 8 figs.
- Mushrooms, Edible, [Review],** 54:120.
- Myosoton aquaticum in New Hampshire, A second record for the Giant Chickweed,** 73:19.
- Myrica pensylvanica, A new form of,** 70:453.
- Myriophyllum as revealed by the discovery of intergrade material between M. exalbescens Fern. and M.**

- spicatum L. in New Jersey, The status of some American species of, 56:213.
- Myriophyllum exalbescens* Fern. and *M. spicatum* L. in New Jersey, The status of some American species of *Myriophyllum* as revealed by the discovery of intergrade material between, 56:213.
- Myriophyllum spicatum* L. in New Jersey, The status of some American species of *Myriophyllum* as revealed by the discovery of intergrade material between *M. exalbescens* Fern. and, 56:213.
- Myriophyllum spicatum*, Some notes on, 63:139.
- Myristicaceous snuffs of the northwest Amazon, De plantis toxicariis e Mundo Novo Tropicales commentationes. II. The vegetal ingredients of the, 70:113.
- Myrtaceae from Jamaica, Further new records of, 60:323.
- NAH, CHUNG-HIE
(— and BURK, C. JOHN), Environmental control of a taxonomic character separating *Heterotheca* s.str. from *Chrysopsis*, 68:406-408.
- Naiadaceae, Two new Naiads from Illinois and distributional records of the, 68:126.
- Naiads from Illinois and distributional records of the Naiadaceae, Two new, 68:216.
- Najas minor* All. in North America, 70:161.
- Naturalists, Rocky Mountain, [Review], 53:114.
- Naturalists, Some Irish, [Review], 53:95.
- NEALE, JAMES J.
Two *Eupatorium* species new to Connecticut, 70:455-456.
- Nebraska, A new moss from, 51:128.
- Nebraska and South Dakota, *Cyperus fuscus* in, 71:433.
- Nebraska, *Conobea multifida*, a new record for, 66:280.
- Nebraska, Recent plant records for, 72:283.
- Nebraska, *Sporobolus texanus* Vasey in Lincoln, 70:450.
- Nebraska, Vascular plants new for Oklahoma, Kansas and, 73:300.
- NEECE, GEORGE A.
(DUNCAN, WILBUR H., GARST, JOHN F. and —), *Trillium persistens* (Liliaceae), a new pedicellate-flowered species from northeastern Georgia and adjacent North Carolina, 73:244-248.
- Nelumbo lutea* in Essex County, Massachusetts, 60:116.
- Nemophila microcalyx*, an incorrect name, 72:399.
- Neomirandea allenii*, a new epiphytic Composite of the American rain forest, 74:272.
- Neoparrya Mathias* (Umbelliferae), Rediscovery of the genus, 60:265.
- Neotropics, New phanerogams from the arid, 72:66.
- Neuropogon* from the United States, A new species of, 56:154.
- Neviusia alabamensis* Gray, The chromosome number of, 66:274.
- Neviusia alabamensis* in Arkansas, 58:187.
- NEVLING, LORIN I., JR.
Chromosome counts of two *Thymelaeaceae*, 64:277-281.
- New Brunswick, A second list of freshwater algae chiefly from, 58:117.
- [New Brunswick], Additions to the Wolf Islands flora, 1963, 66:61.
- New Brunswick, Canada, A preliminary checklist of the marine algae of Campobello Island, 72:313.
- New Brunswick, Continued botanizing on the Wolf Islands, 71:297.
- New Brunswick for 1964, Additions to the flora of the Wolf Islands, 66:413.
- New Brunswick, More additions to the flora of Grand Manan, 71:306.
- New Brunswick, New records of arctic species in southeastern, 67:92.
- New Brunswick, Part I, The flora of the Wolf Islands, 65:82.
- New Brunswick, Part 2, Flora of the Wolf Islands, 66:140.
- New Brunswick, Some additions to the flora of Grand Manan, 64:98.
- New Brunswick symbiotically with *Ophrydium*, *Zoochlorella conductrix* occurring in, 51:4.
- New Brunswick, The vascular flora of Kent Island, Grand Manan, 75:311.
- New England, A range extension for *Suaeda americana* in, 71:560.
- New England Algae V. The algal vegetation of the Hampton-Seabrook estuary and the open coast near Hampton, New Hampshire, Investigations of, 74:406.

- New England, *Amphiprora ornata* Bailey,—a second station in, 74:521.
- New England, *Atriplex sibirica* a new weed introduction in, 71:580.
- New England Botanical Club a half-century ago and later, The, 53:97.
- New England Botanical Club, A partial history of the, 75:493.
- New England Botanical Club, List of members and officers since 1959, 72:289.
- New England, *Bromus mollis* and allies in, 68:168.
- New England, *Chrysopsis mariana* in, 74:152.
- New England, Developmental variation of *Cornus canadensis* in northern, 70:278.
- New England for *Micrasterias nordstedtiana*, Seventy-five years later, a second station in, 73:56.
- New England, *Geocaulon lividum* in, 67:407.
- New England Hops, The use of vapor fractometry in the analysis of some, 64:243.
- New England, Hybrids in *Rubus* subgenus *Eubatus* in, 72:240, [72:547].
- New England, *Hydrastis canadensis* L. in, 66:94.
- New England, Important work on the flora of, [Review], 72:137.
- New England, *Lactuca muralis* in, 68:138.
- New England marine algae III: Composition, seasonal occurrence and reproductive peridiocity of the marine Rhodophyceae in New Hampshire, Investigations of, 72:194.
- New England Mountain Flowers, [Review], 67:84.
- New England, Observations on *Microcoleus lyngbyaceus* (Kütz.) Crouan from marine habitats in, 73:238.
- New England, Range extensions of vascular aquatic plants in, 74:131.
- New England, *Rhododendron maximum* in, 52:215.
- New England, *Rubus* subgenus *Eubatus* in, 68:474.
- New England salt marsh *Vaucheriae*, 70:274.
- New England, *Saxifraga cernua* in, 69:485.
- New England, The flora of, [Review], 72:137.
- New England, The northern limits of the distribution of Hickories in, 75:34.
- New England, The phytogeography of subalpine Black Spruce in, 71:1.
- New England, *Tulostoma brumale* Pers., a new record for, 67:89.
- New England waters, A *Punctaria* new to, 73:293.
- Newfoundland, Contributions to the marine algae of, 71:110.
- Newfoundland, The distribution patterns of northern and southern elements in the flora of, 67:363.
- New Hampshire, A flora of northern [Review], 66:411.
- New Hampshire, A new station for *Saxifraga rivularis* L. in the White Mountains, 75:153.
- New Hampshire, A notable assemblage of plants in, 63:294.
- New Hampshire, A second record for the Giant Chickweed, *Myosoton aquaticum*, in, 73:19.
- New Hampshire", Additions to the Harris "Flora of Windham, 51:107.
- New Hampshire, An ecological interpretation of *Rhododendron* colonies in Maine and, 63:61.
- New Hampshire, An interesting association of rare aquatic plants from, 73:296.
- New Hampshire and its shore line, Vascular flora of Ossipee Lake, 73:249.
- New Hampshire and vicinity, *Carya ovalis* and *Carya glabra* in Durham, 51:150.
- New Hampshire, *Cabomba caroliniana* in Rockingham County, 61:248.
- New Hampshire, *Calypso* in, 62:141.
- New Hampshire, *Chimaphila maculata* (L.) Pursh in Maine and, 75:162.
- New Hampshire flora, Recent discoveries in the, 74:291.
- New Hampshire, Further notes on *Chamaecyparis thyoides* in, 63:281; 67:409.
- New Hampshire, *Glyceria septentrionalis* and *G. acutiflora* in Lee, 54:25.
- New Hampshire, *Holcus mollis* in, 52:75.
- New Hampshire, *Ilex glabra* and a new station for *Kalmia latifolia* in, 57:34.
- New Hampshire, Investigations of New England marine algae III. Composition, seasonal occurrence and reproductive peridiocity of the marine Rhodophyceae in, 72:194.
- New Hampshire, Investigations of New England marine algae V. The

- algal vegetation of the Hampton-Seabrook estuary and the open coast near Hampton, 74:406.
- New Hampshire, *Juniperus horizontalis* in, 64:351.
- New Hampshire, *Lomentaria clavellosa* (Turner) Gaillon; an addition to the marine algal flora of, 74:158.
- New Hampshire, Naturalized Mugo Pine in, 61:121.
- New Hampshire, New Potamogeton records in, 54:237.
- New Hampshire, Notes on the flora of Coös County, 67:195; — II., 69:29; — III., 71:166.
- New Hampshire, Notable Ferns on Bear Mountain, Hebron, 73:462.
- New Hampshire, Phytoplankton flora of Newfound and Winnisquam Lakes, 71:444.
- New Hampshire, *Pinguicula vulgaris* L. in, 54:349.
- New Hampshire plants, New or noteworthy, 75:158.
- New Hampshire, *Polanisia dodecandra* in, 68:48.
- New Hampshire, *Potentilla robbinsiana* in the White Mountains of, 66:408.
- New Hampshire, Range extension of *Muhlenbergia sobolifera* in, 70:452.
- New Hampshire, Range-extensions and -clarifications in, 52:160.
- New Hampshire, Recent changes in some *Rhododendron* colonies in Maine and, 62:87.
- New Hampshire, *Rhododendron maximum* in, 61:148.
- New Hampshire, *Rhododendron maximum* in Hopkinton and Harrisville, 63:26.
- New Hampshire, *Saxifraga aizoon* in, 69:483.
- New Hampshire, Scamman's Ferns and Fern allies of, [Notice], 52:228.
- New Hampshire, *Sedum sexangulare* in, 61:247.
- New Hampshire, Snow cover and the *Diapensia lapponica* habitat in the White Mountains, 74:358.
- New Hampshire, Some additions to the vascular flora of, 61:268.
- New Hampshire station for *Heteranthera dubia* (Jacq.) MacM., A, 55:57.
- New Hampshire stream, Zonation of Bryophytes in the headwaters of a, 72:276.
- New Hampshire, The white form of the Fringed *Polygala* in, 54:292.
- New Hampshire trees, Notes on two, 56:204.
- New Hampshire, Two interesting plants on Mt. Cardigan, Orange, 75:155.
- New Hampshire, *Wolffia* in, 70:491.
- New Jersey, A new species of *Panicum* from, 63:235.
- New Jersey, The status of some American species of *Myriophyllum* as revealed by the discovery of intergrade material between *M. exalbescens* Fern. and *M. spicatum* L. in, 56:213.
- New Jersey, Three interesting algae from, 56:41.
- New plants in old places, 65:73.
- New World species of *Euphorbia*, subgenus *Chamaesyce*, The application of the Linnaean names of some, 68:155.
- New World Tropics: range extensions for *Ptilimnium capillaceum* (Umbelliferae), Mock Bishop's Weed in the, 72:393.
- New World, Another *Tribulus* adventive in the, 69:455.
- New World, *Callitriche* in the, 53:137, 161, 185, 209.
- New World, Watercress in the 64:32.
- New York, Adventive plants in, 59:17.
- New York Botanical Garden Wild Flower Books, The, [Review], 65:189.
- New York, *Elatine triandra* in, 60:58.
- New York, *Heterotheca subaxillaris* on Long Island, 56:182.
- New York, Notes on the flora of a gorge of Esopus Creek, 61:21.
- New York, *Potentilla anglica* in, 61:152.
- New York, Soil algae of forty ponds under construction at Ithaca, 67:242.
- New York State, *Asclepias syriaca* var. *kansana* in, 58:197.
- New York State, Curlygrass in, 62:294.
- New Zealand botanists, [Review], 53:271.
- NICKERSON, NORTON H.
(MORROW, LORING and —), Salt concentrations in ground waters beneath *Rhizophora mangle* and *Avicennia germinans*, 75:102-106.

- (— and TRIPP, JOSEPH W.), Floral dimorphism in *Rachicallis americana* (Jacq.) Hitch. (Saltwater-bush), 75:111-113.
- NICOLSON, DAN H.
The geographic location of *Gor gonidium* (Araceae), 65:68-72, 4 figs.
- Nitella morongii*, Monographic studies on the Characeae I. Emendation of, 51:13.
- Nomenclature, Sidelights from zoology on botanical, 52:156.
- North America, A checklist and key to the species of *Campanula* native or commonly naturalized in, 65:319.
- North America, A conspectus of the genus *Oenothera* in eastern, 59:9.
- North America, A definitive new book on the flora of Northwestern, [Review], 71:104.
- North America, A new species of *Calamovilfa* (Gramineae) from, 72:72.
- North America, A re-evaluation of *Polygonum meisnerianum* in, 72:182.
- North America, A weedy Crucifer again reaches, 63:345.
- North America, *Alyssum* (Cruciferae) introduced in, 70:298.
- North America, *Cladonia ecmocyna* in, 54:261.
- North America, *Cladonia subrangiformis* in, 56:266.
- North America, Contribution to the fungus flora of northeastern, 62:186; — II., 64:126; — III., 65:289; — IV., 68:175; — V., 71:177.
- North America, Cytological observations of *Polygala* in eastern, 64:102.
- North America, Description, distribution and ecology of three species of *Vaucheria* previously unknown from, 60:283.
- North America, Distributional history of *Epilobium hirsutum* (Great Hairy Willow-herb) in, 72:164.
- North America, Distributional history of *Lycopus europaeus* (European Water-Horehound) in, 72:351.
- North America, *Dryopteris dilatata* (Hoffm.) A. Gray in, 64:207.
- North America, *Epipactis helleborine* (L.) Crantz in Michigan and its general range in, 53:240.
- North America, *Euphrasia micrantha* new to, 60:307.
- North America, *Fleischmannia* and *Conoclinium* (Compositae, Eupatorieae) in eastern, 73:566.
- North America, *Habenaria conopsea* in, 65:241.
- North America, *Hepatica* in, 62:223.
- North America, *Najas minor* All. in, 70:161.
- North America north of Mexico, A taxonomic study of the genus *Physalis* in, 60:107, 128, 152.
- North America north of Mexico, Correll's Native Orchids of, [Review], 53:246.
- North America, Occurrence of species of *Polycarpaea* Lam. (Caryophyllaceae) in, 64:179.
- North America, On *Pinguicula macroceras* Link in, 64:212.
- North America, Preliminary studies in the genus *Dentaria* in eastern, 57:161.
- North America, *Rumex stenophyllus* in, 60:54.
- North America, Some new floras for parts of, [Reviews], 60:235.
- North America, Spore studies in the genus *Cystopteris*. I. The distribution of *Cystopteris* with non-spiny spores in, 63:181.
- North America, Three misidentified so-called Cordilleran species in eastern, 64:17.
- North America to *Heracleum sphondylium* of Europe, Relationship of *Heracleum lanatum* Michx. of, 73:578.
- North America, *Rumex thyrsiflorus* new to, 59:1.
- North America, *Salix starkeana* in, 72:548.
- North America, Some aberrant *Pyrola* collections from eastern, 72:480.
- North America, The genus *Lesquerella* (Cruciferae), [Review], 75:622.
- North America, The red-fruited Crowberries in, 62:265.
- North America, The spores of four species of Spinulose Wood-Ferns (*Dryopteris*) in eastern, 70:340.
- North America, The status of *Ramalina subampliata* (Nyl.) Fink in 75:306.
- North America, *Viola rafinesquii*, the only *Melanium* Violet native to, 66:32.
- North American and Caribbean *Melanthera* (Compositae), A revision of, 75:169.

- North American Botany, Makers of, [Review], 64:186.
- North American Ferns, Cytotaxonomic observations on, 57:219.
- North American genus *Sabatia* (Gentianaceae), A revision of the, 57:1, 43, 78.
- North American genus *Sabatia* (Gentianaceae), Biosystematic studies in the, 73:309.
- North American genus *Uvularia* (Liliaceae), A revision of the, 65:158.
- North American group of *Vernonia* (Compositae), The systematic value of trichome complements in a, 75:517.
- North American *Houstonia* and *Oldenlandia* under *Hedyotis*, Merger of the, 63:217.
- North American Oak Ferns, *Gymnocarpium*, New data on, 68:121.
- North American Polycarpaea, Annotation of, 65:35.
- North American Prairies, *Gentiana puberulenta*, sp. nov., a known but unnamed species of the, 68:209.
- North American record, *Filago arvensis* in Michigan, a second, 55:228.
- North American representatives of *Smelowskia* (Cruciferae), The, 54:85.
- North American *Scirpus*, A new status for an eastern, 69:198.
- North American species of *Elymus* with setaceous glumes, Taxonomic and genetic relationships of eastern, 69:121.
- North American species of *Hedyotis* (*Houstonia*), Chromosomal races in eastern, 64:313.
- North American species of *Helianthemum* (Cistaceae), A revision of the, 67:63, 201, 255.
- North American species of *Lespedeza* (Leguminosae), Native, 68:359.
- North American species of *Rosa*, Minor forms of, 60:237.
- North American species of the genus *Cirsium*, Chromosome numbers in some, 65:339.
- North American species of the subfamily Silenoideae, Studies in the Caryophyllaceae — IV. A synopsis of the, 52:233.
- North American taxa, Studies in the Guttiferae. II. Taxonomical and distributional observations on, 64:231.
- North American variety of *Milium effusum*, The, 52:218.
- North Carolina, (a friendly critique), Grasses of, [Review], 51:124.
- North Carolina, Additions to the flora of, 53:23.
- North Carolina Outer Banks, A floristic comparison of Lower Cape Cod, Massachusetts and the, 70:215.
- North Carolina plants — I., Notes on distribution of, 51:129; — II., 52:253; — III., 54:165.
- North Carolina, Tetraploid *Passiflora incarnata* in, 65:79.
- North Carolina, *Trillium persistens* (Liliaceae), a new pedicellate-flowered species from northeastern Georgia and adjacent, 73:244.
- North Dakota, A flora for, [Review], 53:182.
- North Dakota, New records for, 63:39.
- North Dakota plants, New records of, 74:389.
- North Dakota, Vascular plants new to, 73:58.
- North or South Carolina, Species new to the flora of, 60:10.
- Northwest Territories, Life-forms in the Plains flora of southern Mackenzie, 65:149.
- Northwestern plants, Range extensions in, 58:278.
- Noseburn (*Tragia*, Euphorbiaceae) of western Texas, The, 64:137.
- Nostoc parmelioides* in Massachusetts, 64:358.
- Nova Scotia, Additions and extensions to the flora of, 55:17.
- Nova Scotia, Additions to the flora of St. Paul Island, 58:245.
- Nova Scotia and Cape Breton Island, Species newly or rarely reported from, 53:264.
- Nova Scotia, Contributions to the flora of, 54:220.
- Nova Scotia IV., Contributions to the flora of, 56:242.
- Nova Scotia, *Cypripedium arietinum* R.Br. in, 56:203.
- Nova Scotia, VIII. Distribution of arctic-alpine and boreal disjuncts, Contributions to the flora of, 68:409.
- Nova Scotia VII. Distribution of some aquatic and paludal species, Contributions to the flora of, 61:275.

- Nova Scotia IX. Habitat studies of arctic-alpine and boreal disjunct species, Contributions to the flora of, 70:176.
- Nova Scotia, Northeastward range extensions for two species of *Hypericum* in, 57:132.
- Nova Scotia V. Results of exploration in Cumberland County, Contributions to the flora of, 57:301.
- Nova Scotia, Three additions to the flora of, 52:18.
- Novelties, A small fascicle of, 52:61.
- Nuphar, A southeastern, 52:65.
- Nuphar microphyllum from Minnesota, A new form of, 58:76.
- Nuphar microphyllum from similar aquatics, Some morphological aids in distinguishing, 75:65.
- NUR, UZI
(CLAUSEN, JENS, CHANNELL, R. B. and —), *Viola rafinesquii*, the only *Melanium* violet native to North America, 66:32.
- Nuttall: a review with bibliography, Biography of Thomas, 70:429.
- Nuttall in 1815, 56:253.
- Nuttall naturalist explorations in America 1808-1841, Thomas, 70:429.
- Nuttall not the author of Fraser's Catalogue, 58:281.
- Nuttallian names in Fraser's Catalogue, Non-validity of, 57:290.
- Nuttall's controversy with Asa Gray, Thomas, 54:293.
- Nuttall's diary of 1810 and some inquirendae, [Review], 54:234.
- Nuttall's Great Plains species of *Cirsium*: *C. undulatum* and *C. canescens*, 54:29.
- Nuttall's names in Fraser's Catalogue, Validity of, 58:23.
- Nuttall's quarrel with Pursh, 58:20. (*Nyctaginaceae*), and *Astragalus* (*Leguminosae*) from eastern Utah, Novelties in *Hermidium*, 54:158.
- Nyssa, The discovery and naming of the genus, 61:209.
- Oak in Mississippi, A disjunct community of Chestnut, 63:324.
- Oaks on Cape Cod and Martha's Vineyard, Crooked, 57:132.
- Oaxacania and Planalto, Studies in the *Compositae-Eupatorieae* XV. Jalisco, *Macvaughiiella*, 72:100.
- Obolaria (*Gentianaceae*), A revision of *Bartonia* and, 61:43.
- Obolaria virginica L. (*Gentianaceae*), The chromosome number of, 72:551.
- Odontites serotina (Lam.) Dum. (*Scrophulariaceae*), A range extension for, 72:286.
- Oenothera, Experiments and observations bearing on evolution in, 60:37.
- Oenothera in eastern North America, A conspectus of the genus, 59:9.
- Oenothera, Studies of eastern American plants. 3. Some varieties in, 51:61.
- Official plant names? 52:1.
- Ohio, An assemblage of halophytes in northern, 72:285.
- Ohio *Compositae*: I. *Heliantheae*, *Anthemideae*, Notes on the distribution of, 60:125.
- Ohio *Compositae*: II. *Eupatorieae*, *Senecioneae*, *Cynareae*, *Cichorieae*, Notes on the distribution of, 61:76.
- Ohio, *Dentaria* in Indiana and, 59:179.
- Ohio, *Dentaria multifida* in central, 58:160.
- Ohio, *Halesia carolina* L. in Kentucky, Indiana and, 69:380.
- Ohio, *Micheliella verticillata* in, 66:275.
- Ohio, The occurrence and hybrid nature of an Enchanter's Nightshade in, 64:63.
- Ohio — "The *Monocotyledoneae*" by E. LUCY BRAUN, A model flora of, [Review], 71:562.
- Ohio vascular plants, A new manual for, [Review], 63:55.
- Oklahoma, A new species of *Carex* (Section *Phyllostachyae*) from, 56:21.
- Oklahoma, A new species of *Sarcostemma* from, 51:58.
- Oklahoma, — Additions and comments, The vascular flora of, 71:215.
- Oklahoma, Additions to the vascular flora of, 67:191; II., 69:480.
- Oklahoma, *Draba aprica* in, 63:223.
- Oklahoma, *Erigenia*, a genus new to, 63:311.
- Oklahoma flora, Changes in status and new combinations for certain taxa in the, 62:319.
- Oklahoma flora, Further studies of the, 54:125.
- Oklahoma flora, More additions to the, 53:130.
- Oklahoma flora, New taxa, combinations and distribution records for the, 73:552.
- Oklahoma flora, Some additions to the, 52:19.

- Oklahoma flora — XXI. Studies in the composition and distribution of the, 56:157.
- Oklahoma, Kansas and Nebraska, Vascular plants new for, 73:300.
- Oklahoma, *Monarda stipitatoglandulosa*, a new species from, 72:502.
- Oklahoma, New species of *Cuscuta* and *Phlox* from, 73:575.
- Oklahoma, *Podophyllum peltatum* f. *deamii* from Bryan County, 66:167.
- Oklahoma, Some botanical studies in the Black Mesa region of, 56:205.
- Oklahoma, Some results of a summer's botanizing in, 51:18.
- Oklahoma, Some results of a third summer's botanizing in, 52:165.
- (Oleaceae), Parasitism in *Ximenia*, 71:439.
- OLDENBURGER, FEDDO H. F.
(KOYAMA, TETSUO and —), *Diplacrum africanum* newly found in tropical America, 73:159-160.
- Oldenlandia umbellata*, Pollen dimorphism in heterostyled, 66:56.
- Oldenlandia* under *Hedyotis*, Merger of the North American *Houstonia* and, 63:216.
- (Oleaceae), Typification of the genus *Forestiera*, 60:327; 61:293.
- Oleandra* of Costa Rica, The genus, 63:335.
- OLSON, WILLIS A.
(OWNBEY, GERALD B. and —), Cytotaxonomic notes on the species of *Cirsium* native to the southeastern United States, 71:285-296, 28 figs.
- (Onagraceae), An earlier name for *Ludwigia natans*, 67:83.
- Ontario, A buttressed Elm from, 65:366.
- Ontario, A new station for *Pinguicula vulgaris* in, 64:182.
- Ontario, A white-flowered form of *Iris lacustris* from, 74:271.
- (Ontario), Additions to the flora of the Erie Archipelago, 55:224.
- Ontario XXX. Distribution of Orchids in the bog, Studies of the Byron Bog in southwestern, 70:193.
- Ontario, *Iris pseudacorus* L. established in the vicinity of London, 55:244.
- Ontario, *Listera ovata* (L.) R.Br. in the Bruce Peninsula, 72:274.
- Ontario, New records for the Bruce Peninsula, 52:41.
- Ontario, Notes on *Triphora trianthophora* in, 58:31.
- Ontario, *Peltandra virginica* in Welland County, 53:135.
- Ontario, Phytogeographic studies in Ontario I, The genus *Uvularia* in southern, 54:57.
- Ontario, Recently introduced plants in southern, 56:103.
- Ontario I, The genus *Uvularia* in southern Ontario, Phytogeographic studies in, 54:57.
- Ontario, Two new Orchid records for, 63:175.
- Ophrydium: a correction, 51:32.
- Ophrydium, *Zoochlorella conductrix* occurring in New Brunswick symbiotically with, 51:4.
- Orchid, *Cypripedium calceolus* L. subsp. *parviflorum* (Salisb.) Hult. from Alaska, New record for the Yellow Lady's Slipper, 75:491.
- Orchid flora of Puerto Rico, Some additions to the, 58:290.
- Orchid genus *Hoffmannseggella*, A new species of the, 74:283.
- Orchid records from Ontario, Two new, 63:175.
- Orchidaceas Neotropicales III. De *Orchidaceis Insularum Trinidad et Tobago Notulae Additiciae*, 59:280.
- Orchidaceis Insularum Trinidad et Tobago Notulae Additiciae*, *Orchidaceas Neotropicales III.*, De, 59:280.
- Orchids from La Bayamesa, Cuba, Notes on, 59:245.
- Orchids in the bog, Studies of the Byron Bog in southwestern Ontario. XXX. Distribution of, 70:193.
- Orchids of North America north of Mexico, Correll's Native, [Review], 53:247.
- Orchis rotundifolia* var. *lineata*, A new locality for, 62:174.
- ORNDUFF, ROBERT
(— and PERRY, JAMES D.), Reproductive biology of *Piriqueta caroliniana* (Turneraceae), 66:100-109, 1 fig.
- Orontium aquaticum* (Araceae), Cytogeography of, 68:25.
- Oryzopsis* and *Stipa* (Gramineae), A new intergeneric hybrid involving, 59:273.
- Oryzopsis*, Which side is up? A look at the leaves of, 63:285.
- Osmunda cinnamomea*, An interpretation of two forms of, 61:223.
- OTT, FRANKLYN D.
The marine algae of Virginia and Maryland including the Chesapeake Bay area, 75:258-296.

- Ottawa District, *Draba lanceolata* in the, 59:237.
- OWNBEY, GERALD B.
Nuttall's Great Plains species of *Cirsium*: *C. undulatum* and *C. canescens*, 54:29-35, pls. 1182-1183.
(— and HSI YU-TSENG), Chromosome numbers in some North American species of the genus *Cirsium*, 65:339-354.
(— and OLSON, WILLIS A.), Cytotaxonomic notes on the species of *Cirsium* native to southeastern United States, 71:285-296, 28 figs.
- OWNBEY, MARION
The chromosomes of *Disporum maculatum*, 55:61-62, 1 fig.
(— and MCCOLLUM, GILBERT D.), The chromosomes of *Tragopogon*, 56:7-21, 50 figs.
(— and AASE, HANNAH C.), *Allium speculae*, a new species of the *Allium canadense* alliance from Alabama, 61:70-72.
- Oxford, *Perlustrationes plantarum arcticarum* IV, 'Parry Plants' added to the University herbaria, 54:271.
- Oxybaphus*, A new varietal combination in, 61:85.
- Oxybaphus* in Indiana, Two species of, 51:3.
- OZMENT, JAMES E.
(MOHLENBROCK, ROBERT H., — and FOLKERTS, GEORGE W.), Additions to the flora of Illinois, 64:356-358.
- Palmae, Nomenclatural changes in the family, 65:259.
- PALMER, ERNEST JESSE
A hybrid *Amorpha* and new forms and records from Missouri, 55:157-160.
(— and STEYERMARK, JULIAN A.), Plants new to Missouri, 57:310-319.
Mentzelia albescens and *Lonicera xylostium* in Missouri, 63:118-119.
[—, 1875-1962], [Biographical sketch], 64:195-200, pl. 1270.
- PALMER, SAMUEL C.
Epifagus virginiana, 57:71-72.
- Panicum* from New Jersey, A new species of, 63:235.
- Papaver dubium* and *Camassia angusta*, Notes on, 66:16.
- Paraformaldehyde as a source for formaldehyde for use in botanical collecting, 59:299.
- Parapholis incurva*, A range extension for, 63:176.
- Parasitic behavior of *Dasistoma macrophylla*, The, 64:331.
- Parasitic behavior of *Melampyrum lineare* and a note on its seed color, The, 64:15.
- Parasitism in *Ximenia* (Olacaceae), 71:439.
- Paricutin Volcano in 1958, Vascular plants of the Cinder Cone of, 62:175.
- Paricutin Volcano in 1960, Vascular plants of the Cinder Cone of, 63:340.
- PARKER, S. E.
Scotch Heather, 57:337-338.
- PARKS, JAMES C.
A revision of North American and Caribbean *Melanthera* (Compositae), 75:169-210, 8 figs.
- 'Parry Plants' added to the University Herbaria, Oxford, *Perlustrationes plantarum arcticarum* IV., 54:271.
- 'Parry Plants' in the Manchester Museum, *Perlustrationes plantarum arcticarum* II, 54:45.
- 'Parry Plants' in the possession of the Royal Geographical Society, London, *Perlustrationes plantarum arcticarum* III., 54:213.
- Paspalum* and *Miscanthus* (Gramineae), Phytogeographical notes on *Rottboellia*, 65:146.
- Paspalum*, Chromosome counts for, 66:368.
- Paspalum fimbriatum* in the United States, 64:85.
- Paspalum minus* and *Andropogon pertusus* in the United States, Notes on, 66:273.
- Paspalum minus* (Gramineae) in Louisiana and Mississippi, 68:94.
- Passiflora incarnata* in North Carolina, Tetraploid, 65:79.
- Passiflora lutea*, Polyploidy in, 51:29.
- PATTEN, BERNARD C., JR.
The status of some American species of *Myriophyllum* as revealed by the discovery of intergrade material between *M. exalbescens* Fern. and *M. spicatum* L. in New Jersey, 56:213-225, 1 fig.

PATTERSON, PAUL M.

Bryophytes of Virginia, III. Collections made in southeastern Virginia by Bayard Long, 53:117-128.

(SCHUSTER, R. M. and —), Noteworthy Hepaticae from Virginia, 59:251-259.

PEASE, ARTHUR STANLEY

Holcus mollis in New Hampshire, 52:75.

Merritt Lyndon Fernald, 1873-1950, 53:33-39, pl. 1163.

The New England Botanical Club a half-century ago and later, 53:97-105.

A color-form of Beech-drops, 54:140.

Calypso in New Hampshire, 62:141-142.

Campanular persistence, 63:29-30.

[Biographical sketch], 66:3-5, pl. 1293.

PEATTIE, DONALD CULROSS

Norman Carter Fassett 1900-1954, 56:233-242.

Pecan, The specific epithet of the, 63:296.

Pedanticism runs amuck, 57:332.

Pellaea atropurpurea and *Pellaea glabella* var. *glabella*, Chromosome pairing in obligately apogamous ferns:, 75:122.

Pellaea atropurpurea, Spores, chromosomes and relations of the fern, 74:220.

Pellaea, Comparison of sexual and apogamous races in the fern genus, 70:1.

Pellaea glabella var. *glabella*, Chromosome pairing in obligately apogamous ferns: *Pellaea atropurpurea* and, 75:122.

Peltandra virginica in Welland County, Ontario, 53:135.

Peltandra virginica (L.) Schott & Endlicher, The combination, 74:516.

PEMBLE, R. H.

(BAMBERG, S. A. and —), New records of disjunct arctic-alpine plants in Montana, 70:103-112.

Pennsylvania, A cytotaxonomic study of the genus *Achillea* in, 60:7.

Pennsylvania, A new *Polemonium* from eastern, 51:76.

Pennsylvania, *Podophyllum peltatum* forma *deamii* Raymond in western, 55:20.

Pennsylvania, Putty-root and Lesser Celandine in western, 56:23.

Pennsylvania, *Scheuchzeria* in western, 65:14.

Penstemon (Scrophulariaceae) I: new mitotic counts, Chromosome numbers in, 67:187.

Penthorum: its chromosomes, 53:89.

Peperomia from Jamaica, A new, 61:218.

PERDUE, ROBERT E., JR.

A new variety of *Rudbeckia californica*, 59:289-290.

Synopsis of *Rudbeckia* subgenus *Rudbeckia*, 59:293-299.

A new variety of *Rudbeckia fulgida*, 63:119-120.

Two new varieties and a new combination in *Rudbeckia*, 64:328-329.

Perigynium and rachilla, The rachilla in Cape Cod species of *Carex* with notes on the history of the, 74:321.

Perityle, section *Pappothrix* (Compositae-*Peritylanae*), Taxonomy of, 71:58.

Perlustrationes plantarum arcticarum I. (bis). Arctic Dicotyledonous species: four new names or combinations, 53:226.

Perlustrationes plantarum arcticarum II: 'Parry Plants' in the Manchester Museum, 54:45.

Perlustrationes plantarum arcticarum III. 'Parry Plants' in the possession of the Royal Geographical Society, London, 54:213.

Perlustrationes plantarum arcticarum IV. 'Parry Plants' added to the University herbaria, Oxford, 54:271.

PERRY, JAMES D.

(ORNDUFF, ROBERT and —), Reproductive biology of *Piriqueta caroliniana* (Turneraceae), 66:100-109, 1 fig.

(WILBUR, ROBERT L. and —), Palynological notes on American species of *Helianthemum* (Cistaceae), 69:184-194, pls. 1353-1354.

Biosystematic studies in the North American genus *Sabatia* (Gentianaceae), 73:309-369, 25 figs.

Persimmon, Mistletoe on, 51:105.

Persoon's species of *Koeleria* (Gramineae), Illegitimacy of, 58:93.

Peruvian species of *Thelypteris*, Taxonomic fern notes V. New combinations in, 69:5.

- Peruvian species, *Viburnum wurdackii*, a new, 71:554.
- Petalostemon foliosus* and notes on its ecology, The past and present geographical distribution of, 75:132.
- Petalostemon foliosus* in Alabama, 69:383.
- Petasites vitifolius*, Evidence for the hybrid origin of *Petasites warrenii* and, 70:533.
- Petasites warrenii* and *P. vitifolius*, Evidence for the hybrid origin of, 70:533.
- Peteria* (Leguminosae), Range extensions in the genus, 59:216.
- Peteria* (Leguminosae), The genus, 58:344.
- Peucedanum palustre* again in Massachusetts, 73:460.
- Peucedanum palustre*, an interesting addition to the flora of Essex County, Massachusetts, 61:181.
- Phacelia crenulata* group (Hydrophyllaceae), New species in the, 74:451.
- Phacelia franklini* group, A systematic treatment of the, 62:205.
- Phacelia hirsuta* complex, Genotypic variation in the, 67:42.
- Phacelia strictiflora* complex, Genotypic variation in the, 67:139.
- Phacelias* (Hydrophyllaceae), Genetic barriers in the *Cosmanthus*, 66:359.
- Phanerogams at Ipswich, Massachusetts, Seasonal occurrence and ecology of salt marsh, 70:442.
- Phanerogams from the arid Neotropics, New, 72:66.
- PHILLIPS, W. LOUIS
(STUCKEY, RONALD L. and —),
Distributional history of *Lycopus europaeus* (European Water-Horehound) in North America, 72:351-369.
- Philodendra ex regione Amazoniae nova*, *Plantae Columbianae*, XVII., 66:118.
- Phippsia algida* in the United States, 54:141.
- Phlox from Oklahoma, New species of *Cuscuta* and, 73:575.
- Phoradendron rubrum* in Florida, 65:190.
- Phragmites communis* Trin., var. *berlandieri* (Fourn.) Fernald along the Sudbury River in eastern Massachusetts, Status of, 54:135.
- Physalis*, Emendations in United States, 70:574.
- Physalis* from the Galapagos Islands, A new species of, 70:408.
- Physalis* in Mexico, Central America and the West Indies, 69:82, 203, 319.
- Physalis* in North America north of Mexico, A taxonomic study of the genus, 60:107, 128, 152.
- Physalis variovestita?*, What is, 62:117.
- Physostegia*, Contributions to an Illinois flora, I. The genus, 65:58.
- Physostegia correllii* (Lundell) comb. nov., 51:120.
- Phytochemical research, Some impact of Spruce's Amazon explorations on modern, 70:313.
- Picea* and *Tsuga*, Preparing specimens of, 54:232.
- Piedmont of Virginia, *Isotria medeoloides* on the, 71:303.
- Piedmont, Plant speciation associated with granite outcrop communities of the southeastern, 70:394.
- PIEHL, MARTIN A.
The parasitic behavior of *Melampyrum lineare* and a note on its seed color, 64:15-23, pl. 1265.
- Holosteum umbellatum* L., an angiosperm new to Michigan, 64:222-225.
- The parasitic behavior of *Dasisotoma macrophylla*, 64:331-336, figs. A-C.
- Pignuts, *Carya glabra* and *C. ovalis*, A key to the Hickories north of Virginia with notes on the two, 52:188.
- PIKE, RADCLIFFE B.
(— and HODGDON, ALBION R.),
A new *Rhododendron* station in Maine, 60:328-329.
- (— and HODGDON, ALBION R.),
Naturalized Mugo Pine in New Hampshire, 61:121-123.
- (HODGDON, ALBION R. and —),
Rhododendron maximum in New Hampshire, 61:148-150.
- (HODGDON, ALBION R. and —),
Recent changes in some *Rhododendron* colonies in Maine and New Hampshire, 62:87-93.
- (HODGDON, ALBION R. and —),
Rhododendron maximum in Hopkinton and Harrisville, New Hampshire, 63:26-29.
- (HODGDON, ALBION R. and —),
An ecological interpretation of *Rhododendron* colonies in Maine and New Hampshire, 63:61-70.
- (HODGDON, ALBION R. and —),
Some additions to the flora of

- Grand Manan, New Brunswick, 64:98-102.
- (— and HODGDON, ALBION R.), Changes in flora of the Machias Seal Islands, 64:340-346.
- (— and HODGDON, ALBION R.), The flora of the Wolf Islands, New Brunswick, Part I, 65:82-96, 1 fig.
- (— and HODGDON, ALBION R.), Notes on Great Wass Island, Maine, 65:285.
- Note on *Primula laurentiana* in Maine, 65:286-288.
- Note on *Lomatogonium*, 65:364-366.
- (HODGDON, ALBION R. and —), Additions to the Wolf Islands flora, 1963, 66:61-62.
- Fasciation in *Empetrum nigrum*, 66:62.
- (HODGDON, ALBION R. and —), Flora of the Wolf Islands, New Brunswick, Part 2, 66:140-155.
- Plant pressing with plastic sponges, 66:172-176, pl. 1297.
- (HODGDON, ALBION R. and —), Additions to the flora of the Wolf Islands, New Brunswick for 1964, 66:413-416.
- Common trees of Puerto Rico and the Virgin Islands, [Review], 67:93-94.
- (HODGDON, ALBION R. and —), Continued botanizing on the Wolf Islands, New Brunswick, 71:297-302.
- (HODGDON, ALBION R., — and TYLER, HENRY R., JR.), More additions to the flora of Grand Manan, New Brunswick, 71:306-308.
- (HODGDON, ALBION R. and —), Floristic comparison of three bird islands in the Gulf of Maine, 71:510-523.
- Notes on recent books, [Reviews], 71:561.
- Evidence for the hybrid status of *Aster* \times *blakei* (Porter) House, 72:401-436, 12 figs.
- (HEHRE, EDWARD, HODGDON, ALBION R. and —), The Parker Cleaveland Herbarium of Bowdoin College, 74:80-84.
- (MCCAIN, JOHN, — and HODGDON, ALBION R.), The vascular flora of Kent Island, Grand Manan, New Brunswick, 75:311-322.
- Pine, An unusual station for Eastern White, 51:393.
- Pine in New Hampshire, Naturalized Mugo, 61:121.
- Pine, Needle Number in Red, 66:27.
- Pinguicula* (Lentibulariaceae) in the southeastern United States, 59:217-230, 31 figs.
- Pinguicula macroceras* Link in North America, On, 64:212.
- Pinguicula vulgaris* in Ontario, A new station for, 64:182.
- Pinguicula vulgaris* L. in New Hampshire, 55:349.
- PINKLEY, HOMER V.
Etymology of *Psychotria* in view of a new use of the genus, 71:535-540, 2 figs.
- Pinus chiapensis-monticola-strobilus* phylad, A multivariate analysis of the, 68:1.
- Pinus rigida* Miller in Quebec, 57:299.
- Piricauda* (Deuteromycetes), The genus, 61:87.
- Piriqueta caroliniana* (Turneraceae), Reproductive biology of, 66:100.
- Pitcher Plant bogs in south Mississippi, A floristic and ecological study of, 71:29.
- Pitcher Plant habitats in Georgia, Floristic changes within, 66:375.
- Planaltoa*, Studies in the Compositae-Eupatorieae XV. Jaliscoa, *Macvaughiiella*, Oaxacania and, 72:100.
- Plant-collecting, A substitute for formaldehyde and alcohol in, 52:123.
- Plant collector, A freeze-dry technique for the, 70:410.
- Plant distribution, Reports of the Committee on (cf. under Committee on plant distribution).
- Plant distribution, Problems in indicating, 53:222.
- Plant genera and the International plant index, Authors of, [Review], 68:35.
- Plant names? Official, 52:1.
- Plant names, On author's citations in, 58:88.
- Plant pressing with plastic sponges, 66:172.
- Plant specimens, A quicker more satisfactory method for soaking and re-pressing dried, 53:113.
- Plants? Why so many careless books on trees and other, 52:272.
- Plastic aid in mounting herbarium specimens, New, 52:298.
- Plastic, Availability of ingredients for, 58:72.

- Plastic, Biometric and taxonomic uses of cellulose acetate, 70:552.
- Plastic collecting bag, A simple, 51:393
- Plastic sponges, Plant pressing with, 66:172.
- Platanus, New chromosome counts in Ulmus and, 71:544.
- Platyzoma microphyllum, Some new aspects of the fern, 63:91.
- PLUMMER, GAYTHER L.
(PULLEN, THOMAS, JR. and —), Floristic changes within Pitcher Plant habitats in Georgia, 66:375.
- Podocystis adriatica, Two naturally occurring abnormalities of the diatom, 70:292.
- Podophyllum peltatum f. deamii from Bryan County, Oklahoma, 66:167.
- Podophyllum peltatum forma deamii Raymond in western Pennsylvania, 55:20.
- Podophyllum peltatum, The chromosomes of, 63:267.
- POHL, RICHARD W.
Andropogon praematurus, a fungus-induced monstrosity, 58:326-327.
(—and GILLESPIE, JAMES P.), Distributional and cytological notes on Salsola collina, 61:265-267, 1 fig.
Agropyron hybrids and the status of Agropyron pseudorepens, 64:143-147, 2 figs.
Phytogeographic notes on Rottboellia, Paspalum and Miscanthus (Gramineae), 65:146-148, 1 fig.
Dissecting equipment and materials for the study of minute plant structures, 67:95-96.
- POINDEXTER, JEROLD D.
(MCGREGOR, ROLAND L., HARMS, VERNON V. L. and —), New plant records from Kansas, 63:146-148.
- Poison-ivy and the Poison-oaks (Toxicodendron, Anacardiaceae), The systematics and ecology of, 73:72, 161, 370, 465.
- Poison-oaks (Toxicodendron, Anacardiaceae), The systematics and ecology of Poison-ivy and the, 73:72, 161, 370, 465.
- Polanisia dodecandra in New Hampshire, 68:48.
- Polanisia dodecandra (L.) DC., Studies in the Capparidaceae VIII., 68:41.
- Polanisia dodecandra (L.) DC., the correct name for Polanisia graveolens Rafinesque, Studies in the Capparidaceae. I., 56:65.
- Polanisia graveolens Rafinesque, Studies in the Capparidaceae. I. Polanisia dodecandra (L.) DC., the correct name for, 56:65.
- Polemonium from eastern Pennsylvania, A new, 51:76.
- Polemonium reptans, Variation in, 58:103.
- Pollen dimorphism in heterostyled Oldenlandia umbellata, 66:56.
- Pollen grains in Polymnia, Heteromorphic, 64:336.
- Pollen morphology as a taxonomic tool in Linum, 65:137.
- POLUNIN, NICHOLAS
Perlustrationes plantarum arcticarum I (bis). Arctic Dicotyledonous species: four new names or combinations, 53:226-228.
Perlustrationes plantarum arcticarum II: 'Parry Plants' in the Manchester Museum, 54:45-55.
Canada's Centenarian botanist, 54:194-195.
Perlustrationes plantarum arcticarum III: 'Parry Plants' in the possession of the Royal Geographical Society, London, 54:213-216.
Perlustrationes plantarum arcticarum IV., 'Parry Plants' added to the University herbaria, Oxford, 54:271-285.
British floras ancient and modern, 55:209.
Edith Scamman: an appreciation, 71:160-164, pl. 1406.
- Polycarpaea, Annotation of North American, 65:35.
- Polycarpaea Lam. (Caryophyllaceae) in North America, Occurrence of species of, 64:179.
- Polygala from northern Mexico, Two new species of, 64:225.
- Polygala in eastern North America, Cytological observations of, 64:102.
- Polygala in New Hampshire, The white form of the Fringed, 54:292.
- Polygala in southeastern United States, Notes on the cleistogamous species of, 59:51.
- Polygala paucifolia, A new color form of, 54:27.
- Polygala paucifolia, Persistence of color forms of, 54:27.

- (Polygonaceae), The genus *Tovara*, 54:19.
- Polygonum bicorne* Raf. instead of *P. longistylum* Small, 59:265.
- Polygonum longistylum* Small, *Polygonum bicorne* Raf. instead of, 59:265.
- Polygonum meisnerianum* in North America, A re-evaluation of, 72:182.
- Polymnia canadensis* (Compositae) and notes on the pedicellate disk florets in the genus, A reversion in, 70:559.
- Polymnia*, Heteromorphic pollen grains in, 64:336.
- Polymnia uvedalia*, A review of the varieties of, 71:204.
- Polyploidy from herbarium specimens, Determination of, 60:89.
- Polyploidy in *Passiflora lutea*, 51:29.
- Polysiphonia paniculata* Montagne, An unusual substrate for, 75:488.
- Polystichum acrostichoides* from the Bruce Peninsula, A natural hybrid of *Polystichum lonchitis* and, 56:1.
- Polystichum lonchitis* and *P. acrostichoides* from the Bruce Peninsula, A natural hybrid of, 56:1.
- Pond Scum, Frog Spit and, [Review], 53:292.
- Pontederia* L., Revision of the genus, 75:426.
- POOLE, JAMES P.
A new station for the Massachusetts Fern, 65:309.
Lactuca muralis in New England, 68:138.
- Poppy, The persistence of the double-flowered form of Celandine, 69:179.
- Population studies, A technique for morphological analysis in, 54:217.
- Populus*: a correction, 51:149.
- PORTER, C. L.
Novelties in *Hermidium* (Nyctaginaceae) and *Astragalus* (Leguminosae) from eastern Utah, 54:158-161.
The genus *Peteria* (Leguminosae), 58:344-354, 1 fig.
Range extensions in the genus *Peteria* (Leguminosae), 59:216.
- PORTER, DUNCAN M.
Another *Tribulus* adventive in the New World, 69:455-456.
Kallstroemia in the Middle Atlantic States, 72:397-398.
- Porto Rico and the Virgin Islands, Further changes and additions to the flora of, 69:372.
- Porto Rico and the Virgin Islands, Nomenclatural changes and additions to Britton and Wilson's Flora of, 67:315-361.
- (Portulacaceae) from the Cedar Glades of middle Tennessee, A new *Talinum*, 69:466.
- Potamogeton fibrillosus* Fern. (Potamogetonaceae), A re-evaluation of, 75:75.
- Potamogeton oblongus*, not *P. polygonifolius*, 52:128.
- Potamogeton polygonifolius*, *Potamogeton oblongus*, not, 52:128.
- Potamogeton* records in New Hampshire, New, 54:237.
- (Potamogetonaceae), A re-evaluation of *Potamogeton fibrillosus* Fern., 75:75.
- Potentilla anglica* in New York, 61:152.
- Potentilla procumbens* in the United States, 51:390.
- Potentilla robbinsiana* in the White Mountains of New Hampshire, 66:408.
- Powell's expeditions in the West, Contemporary notes on, [Review], 63:179.
- POWELL, A. MICHAEL
Taxonomy of *Perityle*, section *Pappothrix* (Compositae-Peritylanae), 71:58-93, 20 figs.
- POWELL, M.
(TURNER, BILLIE L., — and KING, R. M.), Chromosome numbers in the Compositae. VI. Additional Mexican and Guatemalan species, 64:251-271, 33 figs.
- Preparing specimens of *Picea* and *Tsuga*, 54:232.
- Pressing with plastic sponges, Plant, 66:172.
- Primula laurentiana* in Maine, Note on, 65:286.
(Primulaceae) from Mexico, A new species of *Samolus*, 60:1.
- Primulas with comments on their taxonomy, Chromosome numbers in some American farinose, 62:31.
- Pringle Herbarium, The, 75:297.
- PRINGLE, JAMES S.
(—and SHARP, AARON J.), *Gentiana austromontana*, a new species from the Southern Appalachians, 66:402-404, 2 figs.
Gentiana puberulenta, sp. nov., a known but unnamed species of the North American Prairies, 68:209-214, pl. 1334.

- Pringlea and Lyallia on Kerguelen Islands, Palynological evidence for the late glacial occurrence of, 75:239.
- PROCTOR, GEORGE R.
 Notes on some Jamaican Eugeni-
 as, 59:303-306.
 Further new records of Myrta-
 ceae from Jamaica, 60:323-326.
 A new Peperomia from Jamaica,
 61:218-219.
 New combinations in Thelypteris,
 61:305-306.
 Notes on Lesser Antillean ferns,
 63:31-36.
 Notes on Lesser Antillean ferns
 II., 68:464-469.
 (GILLIS, WILLIAM T., HOWARD,
 RICHARD A. and —), Additions
 to the Bahama flora since Brit-
 ton and Millspaugh—I., 75:411-
 425.
- Propagation of the Camperdown Elm,
 The, 54:55.
- Prunus americana var. lanata a syn-
 onym of P. nigra, 58:330.
- Prunus nigra, Prunus americana var.
 lanata a synonym of, 58:330.
- Psoralea multijuga Ell. (Legumino-
 sae), The identity of, 69:48.
- Psychotria in view of a new use of
 the genus, Etymology of, 71:535.
- Pteretis, The validity of the generic
 name, 52:246.
- Pteris of Costa Rica, The genus, 63:
 194.
- Ptilimnium capillaceum (Umbelli-
 ferae), Mock Bishop's Weed in the
 New World Tropics: range exten-
 sions for, 72:393.
- Puccinellia, Suggestion for the as-
 signment of Torreyochloa to, 54:42.
- Puerto Rico and the Virgin Islands,
 Common trees of, [Review], 67:93.
- Puerto Rico, Some additions to the
 Orchid flora of, 58:290.
- PULLEN, THOMAS, JR.
 (—and PLUMMER, GAYTHER L.),
 Floristic changes within Pitcher
 Plant habitats in Georgia, 66:
 375-381.
- PULLEN, THOMAS M.
 Allium ampeloprasum in Mis-
 sissippi, 69:61-62.
- Punctaria new to New England wa-
 ters, A, 73:293.
- PURDY, MAUD H.
 [—, 1874-1965], [Biographical
 sketch], 70:283-286, 1 photo.
- Pursh, Nuttall's quarrel with, 58:20.
- Pursh's Flora Americae Septentrion-
 alis, The date of, 56:275.
- Putty-root and Lesser Celandine in
 western Pennsylvania, 56:23.
- Pyrola chlorantha, Priority of the
 binomial, 74:396.
- Pyrola collections from eastern North
 America, Some aberrant, 72:480.
- QUARTERMAN, ELSIE
 (— and HEMMERLY, THOMAS E.),
 Rediscovery of Echinacea ten-
 nesseensis (Beadle) Small, 73:
 304-305.
- Quebec, Dicentra cucullaria f. pur-
 puritincta in, 51:30.
- Quebec, Diploid Dryopteris dilatata
 from, 69:1.
- Quebec? Does Dicranum arcticum oc-
 cur in southern central, 51:29.
- Quebec, Juncus greenei and Rhus
 glabra in, 51:9.
- Quebec, Pinus rigida Miller in, 57:
 299.
- Quebec, The range of Kiaeria starkei
 in, 51:122.
- ×Quercus deamii toward Quercus
 macrocarpa and Quercus muhlen-
 bergii, Regression of, 53:249.
- Quercus macrocarpa and Quercus
 muhlenbergii, Regression of ×Quer-
 cus deamii toward, 53:249.
- Quercus muhlenbergii, Regression of
 ×Quercus deamii toward Quercus
 macrocarpa and, 53:249.
- Quercus prinoides, Analysis of vege-
 tative propagation in, 59:306.
- Rachicallis americana (Jacq.) Hitch.
 (Saltwaterbush), Floral dimorph-
 ism in, 75:111.
- Rachilla in Cape Cod species of Carex
 with notes on the history of the
 perigynium and rachilla, The, 74:
 321.
- Rachilla, The rachilla in Cape Cod
 species of Carex with notes on the
 history of the perigynium and, 74:
 321.
- RADFORD, ALBERT E.
 Additions to the flora of North
 Carolina, 53:23-27.
 (AHLES, HARRY E., BELL, C.
 RITCHIE and —), Species new
 to the flora of North or South
 Carolina, 60:10-32.
- Rafinesque's species of Lechea (Cis-
 taceae) Notes on, 68:192.
- Ragweed, Ambrosia artemisiifolia ×
 trifida, The hybrid, 60:309.

- Ragweeds (*Ambrosia*) in Michigan, with the description of a new intermediate taxon, *Perennial*, 60:177.
- Ramalina subampliata* (Nyl.) Fink in North America, The status of, 75:306.
- RAMSEY, GWYNN W.
Note in *Cimicifuga rubifolia* Kearney in Virginia, 66:135.
- Ranunculus ficaria*, The bulbiferous 63:289.
- Ranunculus laxicaulis* (T. & G.) Darby, *Ranunculus texensis* Engelm., antedated by, 51:164.
- Ranunculus texensis* Engelm. antedated by *R. laxicaulis* (T. & G.) Darby, 51:164.
- Ratibida*, A monograph of the genus, 70:348.
- Ratibida* (Compositae) from Mexico, A new species of, 66:267.
- RAVEN, PETER H.
An earlier name for *Ludwigia natans* (Onagraceae), 67:83-84.
- RAYMOND, MARCEL
Juncus greenii and *Rhus glabra* in Quebec, 51:9-10.
(ROUSSEAU, JACQUES and —), *Betula michauxii*, a brief symposium 2. *Betula michauxii* Spach in northeastern America, 51:27-32, pl. 1156.
Dicentra cucullaria f. *purpurincta* in Quebec, 51:30-31.
Two color-forms in *Eriophorum*, 53:208.
A note on \times *Cyperus weatherbianus*, 64:349-350.
- REDFEARN, PAUL L. JR.
The Yellow Mandarin, a notable addition to the flora of Arkansas, 74:523-524.
- REED, CLYDE F.
New or additional records of grasses in Maryland and Delaware, 56:178-181.
- REED, JACK
(ILTIS, HUGH, H., — and MELCHERT, THOMAS), *Elymus arenarius* and *Diarrhena americana* in Wisconsin, 62:199-201.
- REEDER, CHARLOTTE G.
(REEDER, JOHN R. and —), Alexander William Evans (1868-1959), 62:245-250, 1 photo.
- REEDER, JOHN R.
Setaria lutescens an untenable name, 53:27-30.
A further note on *Cercis canadensis* in Connecticut, 53:246-247.
Note on *Echinochloa muricata*, 58:331-332.
(— and REEDER, CHARLOTTE G.), Alexander William Evans (1868-1959), 63:245-250, 1 photo.
- Reedrollinsia* Walker (Annonaceae), Validation of, 73:461.
- Regression of \times *Quercus deamii* toward *Quercus macrocarpa* and *Quercus muhlenbergii*, 53:249.
- Repopulation of intertidal transects, The, 55:102.
- REVEAL, JAMES L.
On the names in Fraser's 1813 Catalogue, 70:25-54.
A new combination in *Tofieldia glutinosa* (Liliaceae), 73:53-55.
(— and HESS, WILLIAM J.), Variation within *Calochortus venustus* (Liliaceae), 74:350-351.
(HAYNES, ROBERT R. and —), A re-evaluation of *Potamogeton fibrillosus* Fern. (Potamogetonaceae), 75:75-77.
- Reverchonia* (Euphorbiaceae), The genus, 65:193.
- REYNOLDS, DON R.
(— and CALHOUN, KEN), *Equisetum* from Peninsula Florida, 74:526-528.
- Rhapidophyllum hystrix* in Mississippi, 74:525.
- Rhexia virginica* (Melastomataceae), Floral anatomy of, 69:163.
- Rhizophora mangle* and *Avicennia germinans*, Salt concentrations in ground waters beneath, 75:102.
- RHOADES, MARY H.
Seed germination of *Shortia galacifolia* T. & G. under controlled conditions, 68:147-154.
- RHOADES, RICHARD W.
The aquatic form of *Alisma subcordatum* Raf., 64:227-229.
- Rhode Island, A fern new to, 63:46.
- Rhode Island, *Goodyera tessellata* in, 52:279.
- Rhode Island station for Luminous Moss, A, 71:305.
- Rhododendron*, A new hybrid deciduous, 55:205.
- Rhododendron* colonies in Maine and New Hampshire, An ecological interpretation of, 63:61.
- Rhododendron* colonies in Maine and New Hampshire, Recent changes in some, 62:87.
- Rhododendron maximum* at Medfield, Massachusetts, 52:279.

- Rhododendron maximum in Hopkinton and Harrisville, New Hampshire, 63:26.
- Rhododendron maximum in New England, 52:215.
- Rhododendron maximum in New Hampshire, 61:148.
- Rhododendron maximum in northern Vermont, A new station for, 65:22.
- Rhododendron station in Maine, A new, 60:328.
- Rhodophyceae in New Hampshire, Investigations of New England marine algae III: Composition, seasonal occurrence and reproductive peridiocity in the marine, 72:194.
- Rhodophyta) in northeastern United States, The morphology and systematics of the Audouinella complex (Acrochaetiaceae, 75:529.
- (Rhodophyta) in the western Sargasso Sea, The Audouinella complex, 75:78.
- (Rhodophyta), Studies on the Audouinella microscopica (Naeg.) Woelk. complex, 74:85.
- Rhodora, The new index to the first fifty volumes of, [Review], 56:44.
- Rhus glabra in Quebec, Juncus greenii and, 51:9.
- Rhynchosias, Nomenclatural notes on two southeastern, 64:60.
- Rhynchosporas of the southeastern United States, Reappraisal of two plumose, 58:335.
- RIBA, RAMON
An annotated bibliography of Mexican ferns, [Review], 69:62-63.
New taxa in the genus Alsophila, 69:65-68, 4 figs.
The Alsophila swartziana complex (Cyatheaceae), 71:7-17, 5 figs.
- Ribes hirtellum), A Linden (Tilia) forest on Cape Cod (with extended notes on Tilia neglecta, Bromus pubescens and, 72:339.
- RICH, AVERY F.
(FRIDRICH, JAMES H., — and SHIGO, ALEX L.), Fungi isolated from the fruits and seeds of some northern hardwood trees, 73:306-308.
- RICHARDS, EDWARD LEON
A new species of Ratibida (Compositae) from Mexico, 66:267-268.
A monograph of the genus Ratibida, 70:348-393, 10 figs. pls. 1387-1397.
- RICHARDSON, L. E.
Peucedanum palustre again in Massachusetts, 73:460-461.
- RIEL, A.
(HODGDON, ALBION R., GIGUERE, P., KROCHMAL, STANLEY B. and —), New Potamogeton records in New Hampshire, 54:237-246.
- RIGBY, SYLVIA JANE
Chromosome pairing in obligately apogamous ferns: Pellaea atropurpurea and Pellaea glabella var. glabella, 75:122-131, 2 figs.
- RITCHIE, J. C.
Additions and extensions to the flora of Manitoba, 58:321-325.
- ROBBINS, CHARLES ALBERT
[List of the Cladoniae of southeastern Massachusetts, with special reference to the collection of, —], 74:254-263.
- ROBERTS, EDWARD G.
A disjunct community of Chestnut Oak in Mississippi, 63:324-325.
- ROBERTS, PATRICIA R.
New records of arctic species in southeastern New Brunswick, 67:92-93.
- ROBINSON, ALBERT, JR.
An unusual Erianthus alopecuroides, 66:268-269, pl. 1304.
- ROBINSON, H.
(KING, R. M. and —), Studies in the Compositae-Eupatorieae XV: Jaliscoa, Macvaughiiella, Oaxacania and Planaltoa, 72:100-105.
(KING, R. M. and —), Neomirandea allenii, a new epiphytic Composite of the American rain forest, 74:272-275.
- ROBSON, NORMAN K. B.
(ADAMS, WILLIAM P. and —), A re-evaluation of the generic status of Ascyrum and Crookea (Guttiferae), 63:10-16.
- ROCK, HOWARD F. L.
The binomials of Helenium in Walter's Flora Caroliniana, 58:311-317, pl. 1227.
A revision of the vernal species of Helenium (Compositae), 59:101-116, 128-158, 168-178, 203-216, 3 maps, 8 figs.
(TURNER, B. L., BEAMAN, J. H. and —), Chromosome numbers in the Compositae. V. Mexican and Gutemalan species, 63:121-129, 25 figs.

- Rocky Mountain Carices, Notes on, 70:419.
- Rocky Mountain naturalists, [Review], 53:114.
- RODMAN, JAMES E.
(BARBOUR, MICHAEL G. and —),
Saga of the West Coast Sea-Rockets: *Cakile edentula* ssp. *californica* and *C. maritima*, 72:370-386.
- ROGERS, C. MARVIN
Some botanical studies in the Black Mesa region of Oklahoma, 56:205-212.
Studies in *Linum*: *L. imbricatum* and *L. hudsonioides*, 65:50-55, 10 figs.
(XAVIER, K. S. and —), Pollen morphology as a taxonomic tool in *Linum* 65:137-145, 8 figs.
Linum coahuilense, a new species from northern Mexico, 66:278-279, 4 figs.
Linum modestum, a new species from Mexico, 66:406-407, 4 figs.
The *Linum bahamense* complex, 70:439-441.
(— and MILDNER, R.), The re-evaluation of the genus *Cliococca* (Linaceae) of South America, 73:560-565, 2 figs.
- ROGERS, KEN E.
(— and UNDERWOOD, J. K.),
Some plants new to Tennessee, 68:518-519.
A new species of *Calamovilfa* (Gramineae) from North America, 72:72-80, 2 figs.
(WATSON, J. RAY, JR. and —),
Eriogonum harperi Goodman in Tennessee, 74:154.
- ROGERS, O. M.
(HILL, L. MICHAEL and —),
Chromosome numbers of *Aster blakei* and *A. nemoralis*, 72:437-438.
(HILL, L. MICHAEL and —),
Chemical, cytological and genetic evidence for the hybrid origin of *Aster blakei* (Porter) House, 75:1-25, 12 figs.
- ROLLINS, REED C.
A new flora for the San Francisco Bay area, [Review], 52:76.
Deep-freezing flowers for laboratory instruction in systematic botany, 52:289-297.
Fernald as a botanist, 53:56-61, pl. 1164.
- The Cacti of Arizona, [Review], 53:94.
Rocky Mountain naturalists, [Review], 53:114-115.
A flora for North Dakota, [Review], 53:182-183.
Taxonomy today and tomorrow, 54:1-19.
Arizona Flora, [Review], 54:83-84.
(DRURY, WILLIAM H. JR. and —),
The North American representatives of *Smelowskia* (Cruciferae), 54:85-119, 3 figs., pls. 1185-1186.
Stages in the evolution of plant species, [Review], 54:140.
A note on *Halimolobos*, 54:161-163.
Some Cruciferae of the Nashville Basin, Tennessee, 54:182-192, 1 fig.
Cardamine digitata Richardson (Cruciferae), 54:260.
Braya in Colorado, 55:109-116.
Angiosperm Pollen, [Review], 55:203.
Draba on Clay Butte, Wyoming, 55:229-235.
Draba lemmoni, 55:323-324.
How many species of vascular plants grow without cultivation in Massachusetts? 55:361-362.
The new index to the first fifty volumes of *Rhodora*, [Review], 56:44.
The Club herbarium gets a new home, 56:101-102.
The auriculate-leaved species of *Lesquerella* (Cruciferae), 57:241-264, figs. A-G, pls. 1207-1212.
The Archer method for mounting herbarium specimens, 57:294-299.
Availability of ingredients for plastic, 58:72.
The problem of *Leavenworthia aurea*, 58:73-76, pl. 1223.
Some new primitive Mexican Cruciferae, 58:148-157, 6 figs.
On the identity of *Lesquerella angustifolia*, 58:199-202.
Miscellaneous Cruciferae of Mexico and western Texas, 59:61-71, 2 figs.
Bartholomew's Cobble, [Review], 60:32.
Species Plantarum — more than a facsimile edition, [Review], 60:59-60.

- The genetic evaluation of a taxonomic character in *Dithyrea* (Cruciferae), 60:145-152, pl. 1233.
- Some new floras for parts of North America, [Review], 60:235-236.
- Orange-yellow flowered *Claytonia virginica*, 60:258-259.
- The genus *Synthlipsis* (Cruciferae), 61:253-264, 3 figs.
- A new manual for California, [Review], 61:270-273.
- The second volume of *Species Plantarum*, [Review], 61:312.
- The American Cruciferae of Sessé and Mociño, 62:11-20, 1 fig.
- Some *Sisymbrium*s (Cruciferae) native to Texas and northern Mexico, 62:55-60, 1 fig.
- A monumental work is concluded, [Review], 62:132-133.
- Arabis perstellata* in Tennessee, 62:242-244.
- Notes on American *Rorippa* (Cruciferae), 63:1-10, figs. A-C.
- Draba aprica* in Oklahoma, 63:223-225.
- A weedy Crucifer again reaches North America, 63:345-346.
- Change of editor-in-chief, 64:1-2.
- A new Crucifer from the Great Slave Lake area of Canada, 64:324-328, pl. 1271.
- Protandry in two species of *Streptanthus* (Cruciferae), 65:45-49, 4 figs.
- A companion volume to the New Britton and Brown Illustrated Flora, [Review], 65:242-243.
- Francis Welles Hunnewell, 1880-1964, 66:97-99.
- Authors of plant genera and the International plant index, [Review], 68:35-40.
- The identity of *Sisymbrium pauciflorum* (Cruciferae), 68:513-514.
- A definitive new book on the flora of northwestern North America, [Review], 71:104-106.
- On a weed species of *Rorippa*, 71:552-553.
- (— and SHAW, ELIZABETH A.), Nomenclatural changes in *Lesquerella*, 74:76-79.
- Roots and the taxonomic differences between *Botrychium oneidense* and *B. dissectum*, 63:164.
- Rorippa* (Cruciferae), Notes on American, 63:1.
- Rorippa*, On a weed species of, 71:552.
- Rorippa sessiliflora* in Essex County, Massachusetts, 60:260.
- Rosa*, Minor forms of North American species of, 60:237.
- Rosaceae, Chromosomes of *Spiraea* and of certain other genera of, 53:203.
- ROSENDAHL, C. O.
A new *Heuchera* from Missouri together with some notes on the *Heuchera parviflora* group, 53:105-109, 9 figs., pl. 1166.
- Roses in the Gray's Manual range, Notes on some, 56:70.
- ROSS, RICHARD G.
(LEWIS, WALTER H., STRIPLING, H. LARRY, and —), Chromosome numbers for some Angiosperms of the southern United States and Mexico, 64:146-161, 55 figs.
- Rottboellia*, *Paspalum* and *Miscanthus* (Gramineae), Phytogeographic notes on, 65:146.
- ROULEAU, ERNEST
Populus: a correction, 51:149-150.
Pinus rigida Miller in Quebec, 57:299.
- ROUSSEAU, JACQUES
(— and RAYMOND, MARCEL), *Betula michauxii*, a brief symposium. 2. *Betula michauxii* Spach in northeastern America, 52:27-32, pl. 1156.
The identity of Vinber and Vinland, 53:244-245.
- Royal Geographical Society, London, *Perlustrationes Plantarum arcticarum* III. 'Parry plants' in the possession of the, 54:213.
- (Rubiaceae), A revision of the *Houstonia purpurea* group, 61:157, 188.
- (Rubiaceae), Distributional and nomenclatural notes on *Galium*, 59:38.
- (Rubiaceae), The status of *Hedyotis procumbens* var. *hirsuta*, 70:306.
- Rubus allegheniensis*, A new form of, 53:30.
- Rubus allegheniensis* Porter, Glandularity in, 64:161.
- Rubus*, An unusual, 64:353.
- Rubus chamaemorus* in Minnesota, The occurrence of, 56:272.
- Rubus chamaemorus* in the Canadian Lakehead, 58:327.

- Rubus hispidus* and *R. setosus*, Hybridization of, 65:262.
- Rubus setosus*, Hybridization of *Rubus hispidus* and, 65:262.
- Rubus* subgenus *Eubatus* in New England, 68:474.
- Rubus* subgenus *Eubatus* in New England, Hybrids in, 72:240; Correction, 72:547.
- Rudbeckia amplexicaulis* Vahl in southern Illinois, 54:119.
- Rudbeckia californica*, A new variety of, 59:289.
- Rudbeckia fulgida*, A new variety of, 63:119.
- Rudbeckia* subgenus *Rudbeckia*, Synopsis of, 59:293.
- Rudbeckia*, Two new varieties and a new combination in, 64:328.
- RUDD, VELVA E.
Leguminosae of Mexico — Faboideae. I. Sophoreae and Podalyriaceae, 70:492-532, 3 figs.
- Ruellia* (Acanthaceae), Some observations on flowering in, 64:200.
- Ruellia lorentziana* (Acanthaceae) in southern Florida, Observations regarding the occurrence and relationships of, 68:432.
- Rumex stenophyllus* in North America, 60:54.
- Rumex thyrsiflorus* new to North America, 59:1.
- RUNDEL, PHILLIP W.
(BOWLER, PETER A. and —), The status of *Ramalina subampliata* (Nyl.) Fink in North America, 75:306-310, 1 fig.
- RUSSELL, NORMAN H.
Viola palustris L. in Arizona, 65:49.
- Sabatia* (Gentianaceae), A revision of the North American genus, 57:1, 43, 78.
- Sabatia* (Gentianaceae), Biosystematic studies in the North American genus, 73:309.
- Sagebrush taxonomy, Another note on, 70:286.
- ST. JOHN, HAROLD
The authorities for *Torreyochloa fernaldii* (Gramineae), 52:53-54.
Monograph of the genus *Elodea*: part 4 and summary, 67:1-35, 155-180, 5 figs., pl. 1308.
- Sagittaria subulata* complex, Observations on the, 63:247.
- SALAMUN, PETER J.
A population study of the variation in the inflorescence of *Spiraea tomentosa*, 53:280-292, 2 maps.
Salicornia europaea in Illinois, 51:11.
Salicornia europaea in the James Bay region, 56:61.
Salix bebbiana Sarg., On the nomenclature of, 73:558.
Salix hebecarpa Fernald and *S. simulans* Fernald, Willow hybrids:, 52:8.
Salix simulans Fernald, Willow hybrids: *Salix hebecarpa* Fernald and, 52:8.
Salix starkeana in North America, 72:548.
Salasola collina, Distributional and cytological notes on, 61:265.
Salt concentrations in ground waters beneath *Rhizophora mangle* and *Avicennia germinans*, 75:102.
Salt marsh phanerogams at Ipswich, Massachusetts, Seasonal occurrence and ecology of, 70:442.
(Saltwaterbush), Floral dimorphism in *Rachicallis americana* (Jacq.) Hitch., 75:111.
Samolus (Primulaceae) from Mexico, A new species of, 60:1.
Sanchezia and related American Acanthaceae, 66:313.
San Francisco Bay area, A new flora for the, [Review], 52:76.
Sandbags as a technical aid in mounting plants, 62:322.
Sanguisorba canadensis L., A recent Illinois collection of, 65:80.
- SANTAMOUR, FRANK S., JR.
Chromosome number in Striped and Mountain Maples, 64:281-282.
New chromosome counts in *Ulmus* and *Platanus*, 71:544-547.
Chromosome number in *Liquidambar*, 74:287-290, 1 fig.
- Sanvitalia*, New chromosome numbers in *Zinnia* and, 68:215.
- Sarcostemma* from Oklahoma, A new species of, 51:58.
- Sargasso Sea, Some algal invaders of the northeastern fringes of the, 74:295.
- Sargasso Sea, The *Audouinella* complex (Rhodophyta) in the western, 75:78.
- SARGENT, F. H.
Eulophia ecristata and *Epidendrum conopseum* in Mississippi, 67:48.

- Sarracenia purpurea* forma heterophylla, Some Michigan records for, 58:203.
- Saskatchewan, Contributions to the flora of boreal, 70:200.
- Saurauia species and their chromosomes, 72:81.
- Saxifraga, A new variety in, 52:183.
- Saxifraga aizoön in New Hampshire, 69:483.
- Saxifraga aizoön station revisited, The, 69:484.
- Saxifraga cernua in New England, 69:485.
- Saxifraga rivularis L. in the White Mountains, New Hampshire, A new station for, 75:153.
- SCAMMAN, EDITH
The genus *Pteris* of Costa Rica, 63:194-205, 13 figs.
The genus *Oleandra* of Costa Rica, 63:335-340, 9 figs.
[—, an appreciation], 71:160-164, pl. 1406.
[—, Added note on,], 71:165.
- Scamman's Ferns and Fern allies of New Hampshire, [Review], 52:228.
- Scheuchzeria in western Pennsylvania, 65:34.
- Schistostega pennati (Hedw.) Hook. & Tayl.: new Vermont stations, The environment of, 75:149.
- SCHOFIELD, EILEEN K.
(YOUNG, STEVEN B. and —), Palynological evidence for the late glacial occurrence of *Pringlea* and *Lyallia* on Kerguelen Islands, 75:239-247, 4 figs.
- SCHOFIELD, W. B.
(SMITH, E. C. and —), Contributions to the flora of Nova Scotia, 54:220-228.
Contributions to the flora of Nova Scotia: V. Results of exploration in Cumberland County, 57:301-310.
- SCHUBERT, BERNICE G.
(FERNALD, MERRITT LYNDON and —), Some identities in *Breweria*, 51:35-43, pls. 1121-1129).
(FERNALD, MERRITT LYNDON and —), Bibliography of Charles Alfred Weatherby, 51:179-191.
(FERNALD, MERRITT LYNDON and —), *Arenaria uniflora*, 52:71-72.
Desmodium: preliminary studies — III., 52:135-155.
- Sidney Fay Blake, 1892-1959, 62:325-338, 1 photo.
- SCHULTES, RICHARD EVANS
Oakes Ames, 1874-1950, 53:67-78, pl. 1165.
(ALSTON, A. H. G. and —), Studies of early specimens and reports of *Ilex vomitoria*, 53:273-279, pl. 1181.
- Orchidaceae neotropicales III. De Orchidaceis Insularum Trinidad et Tobago notulae additiciae, 59:280-289, 2 figs.
(BEAMAN, JOHN H. and —), Notes on Orchids from La-Bayamesa, Cuba, 59:245-251, 2 figs.
- The name *Lepanthes turialvae*: a source of confusion, 60:97-101.
(— and DILLON, GORDON W.), Synopsis of the genus *Lepanthes* in Mexico, 61:1-20, pls. 1235-1236.
- Plantae Austro-Americanae XI. De plantis principaliter ex Colombiae Orientalibus partibus notulae, 65:1-21, 10 figs., pls. 1274-1279.
- The widening panorama in medical botany, 65:97-120, 3 figs.
- Plantae Columbianae XVII. *Philodendra* ex regione Amazoniae nova, 66:118-126, 11 figs., pl. 1294.
(— and HOMSTEAD, BO), De plantis toxicariis e Mundo nova tropicale commentationes II. The vegetal ingredients of the Myristicaceous snuffs of the Northwest Amazon, 70:113-160, 5 figs., 1 map, pls. 1373-1380.
- Some aspects of Spruce's Amazon explorations on modern phytochemical research, 70:313-339, 3 ill., pls. 1384-1385.
- SCHUSTER, R. M.
(— and PATTERSON, PAUL M.), Noteworthy Hepaticae from Virginia, 59:251-259.
- Notes on Nearctic Hepaticae VI. Phytogeographical relationships of critical species in Minnesota and adjacent areas of Great Lakes, 60:209-234, 243-256, 18 figs.
- SCHUYLER, ALFRED E.
Evidence for the hybrid origin of *Scirpus peckii*, 63:237-243, 1 fig.

- A new species of *Scirpus* in the northeastern United States, 64:43-49, 2 figs., pl. 1266.
- A new status for an eastern North American *Scirpus*, 69:198-202, 3 figs.
- Chromosome numbers of *Scirpus purshianus* and *Scirpus smithii*, 74:398-402, 1 tab., 2 figs.
- SCHWEINFURTH, CHARLES
(WINTERS, HAROLD F. and —), Some additions to the Orchid flora of Puerto Rico, 58:290-292.
- (HILL, A. F., — and SEYMOUR, FRANK C.), Publication date for the Flora of Stoughton, 66:31.
- [—, in Memoriam, 1890-1970,], 74:71-76, 1 photo.
- Scientific books, libraries and collectors, [Review], 58:332.
- Scirpus*, A new status for an eastern North American, 69:198.
- Scirpus* in the northeastern United States, A new species of, 64:43.
- Scirpus peckii*, Evidence for the hybrid origin of, 63:237.
- Scirpus purshianus* and *S. smithii*, Chromosome numbers of, 74:398.
- Scirpus smithii*, Chromosome numbers of *Scirpus purshianus* and, 74:398.
- Scotch Heather, 57:337.
(Scrophulariaceae), A range extension for *Odontites serotina* (Lam.) Dum., 72:286.
- (Scrophulariaceae), from Mexico, A new variety of *Leucophyllum laevigatum*, 74:347.
- (Scrophulariaceae) in Maryland, *Mazus reptans*, 64:229.
- (Scrophulariaceae) I: new mitotic counts, Chromosome numbers in *Penstemon*, 67:187.
- SCUDDAY, JAMES F.
Chamaesaracha villosa new to Texas, 67:194.
- Sea-Rockets: *Cakile edentula* ssp. *californica* and *C. maritima*, Saga of the West Coast, 72:370.
- Sedum glaucophyllum*, Heteroploidy in, 72:460.
- Sedum* in the southwestern United States, Intraspecific variation in chromosomes of, 74:301.
- Sedum sexangulare* in New Hampshire, 61:247.
- Seedling collection, A checklist of Walter Deane's, 63:287.
- SEIDENSCHNUR, C. E.
(— and BEAMAN, JOHN H.), *Cuchumatanea*, a new genus of the Compositae (Heliantheae), 68:139-146, 11 figs.
- SEMPLE, JOHN C.
The distribution of pubescent leaved individuals of *Conocarpus erectus* (Combretaceae), 72:544-547, 1 fig.
- SENAY, PIERRE
(— and JOVET, PAUL), *Betula michauxii*, a brief symposium. 3. The type of *Betula michauxii*, 52:32-33, 1 fig.
- Senecio anonymus* Wood, an earlier name for *Senecio smallii* Britton, 75:211.
- Senecio* from Costa Rica, A new species of, 67:239.
- Senecio pauperculus* in Wisconsin, The intergradation of *Senecio plattensis* and, 65:65.
- Senecio plattensis* and *Senecio pauperculus* in Wisconsin, The intergradation of, 65:65.
- Senecio smallii* Britton, *Senecio anonymus* Wood, an earlier name for, 75:211.
- SENIOR, ROBERT M.
Campanula rentonae, sp. nov., 51:302-303.
- Separotheca*, a new genus (Comelinaceae) from Mexico, 61:136.
- SERRA, CORREA DA
[— and American Botany], [Review], 58:191-197.
- Sesbania exaltata* (Raf.) Cory in Essex County, Massachusetts, 62:234.
- Sesbania* (Leguminosae): evidence for a conservative treatment, Chromosome numbers in the genus, 57:213.
- Sessé and Mociño, The American Cruciferae of, 62:11.
- Setaria faberii* in Illinois, 51:391.
- Setaria faberii*, The type of, 61:220.
- Setaria lutescens* an untenable name, 53:27.
- Setcreasea brevifolia*, Biosystematics of, 72:264.
- Setcreasea* from Mexico, A new species of, 64:329.
- Setcreasea ovata*, The taxonomy of, 64:68.
- SETTLE, WILBUR J.
(— and FISHER, T. RICHARD), The varieties of *Silphium integrifolium*, 72:536-543, 3 figs.

- SEYMOUR, FRANK C.**
 Extension of *Solidago erecta*, 52:288.
 The type of *Ulmus americana* L., 54:138-139.
 New plants in old places, 65:73-78.
 (HILL, A. F., SCHWEINFURTH, CHARLES and —), Publication date for the flora of Stoughton, 66:31.
Bromus mollis and allies in New England, 68:168-174.
 Botanical notes from the Pringle Herbarium, I., 68:514-516.
 A correction, 69:69.
 Notes from the Pringle Herbarium, II., 69:377-380.
 Notes from the Pringle Herbarium, III., 72:47-50.
 [The Flora of New England], [Review of], 72:137-141.
 The Pringle Herbarium, 75:297-303.
- SHARP, AARON J.**
Tovara in Mexico, 54:305.
 A new method for mounting evergreen conifer twigs with deciduous leaves, 66:216.
 (PRINGLE, JAMES S. and —), *Gentiana austromontana*, a new species from the Southern Appalachians, 66:402-404, 2 figs.
- SHAW, ELIZABETH A.**
 (ROLLINS, REED C. and —), Nomenclatural changes in *Lesquerella*, 74:76-79.
- SHERFF, EARL EDWARD**
Bidens connata var. *gracilipes* Fern. in western Michigan, 63:145.
 Further notes on the distribution of *Bidens connata* vars. *pinnata* and *gracilipes*, 64:23-28.
 Notes on varieties of *Bidens connata* and a hybrid with *B. cernua*, 67:59-62.
- SHETLER, STANWYN G.**
 An annotated list of vascular plants from Cape Sabine, Alaska, 65:208-224.
 A checklist and key to the species of *Campanula* native or commonly naturalized in North America, 65:319-337.
 News announcement — Flora North America launched, 69:63-64.
- SHIELDS, J. K.**
Iris brevicaulis in Canada, 56:80.
 Recently introduced plants in southern Ontario, 56:103.
- SHIGO, ALEX L.**
 (FRIDRICH, JAMES H., RICH, AVERY E. and —), Fungi isolated from the fruits and seeds of some northern hardwood trees, 73:306-308.
- SHINNERS, LLOYD H.**
Aster ontarionis the same as *A. pantotrichus* (*A. missouriensis*), 51:89-91.
Aster coerulescens the same as *A. praealtus*, 51:91-92.
Physostegia correllii (Lundell) comb. nov., 51:120-122.
Brassica kaber (DC.) Wheeler, var. *stricta* (Celakovsky) Shinners, comb. nov. 52:127-128.
 Sidelights from zoology on botanical nomenclature, 52:156-160.
Filago arvensis in Michigan: a second North American record, 55:228.
 Prairie variety of *Solidago gigantea*, 55:322.
 Notes on North Texas grasses, 56:25-38.
 Non-validity of Nuttallian names in Fraser's Catalogue, 57:290-294.
 Authorship and nomenclature of Bur Clovers (*Medicago*) found wild in the United States, 58:1-13.
 Illegitimacy of Persoon's species of *Koeleria* (Gramineae), 58:93-96.
Elodea correct without being conserved, 58:162.
 Nuttall not the author of Fraser's Catalogue, 58:281-289.
Medicago polymorpha var. *vulgaris*, 58:310.
Prunus americana var. *lanata* a synonym of *P. nigra*, 58:330-331.
Sisyrinchium bermudiana L. instead of *S. angustifolium* Miller, 59:159-160.
 A modest plea in favor of divers taxons, 59:235-237.
Polygonum bicornis Raf. instead of *P. longistylum* Small, 59:265-267.
Hymenopappus filifolius var. *alpestris* (Maguire) Shinners, comb. nov., 61:155.

- Typification of the genus *Forestiera* (Oleaceae), 61:293-294.
Viola rafinesquii: nomenclature and native status, 63:327-335.
Hyptis radiata (Labiatae) an illegitimate name, 64:184-186.
Mazus reptans (Scrophulariaceae) in Maryland, 64:229-231.
 Application of the name *Kuhnia eupatorioides* var. *angustifolia* (Compositae), 66:160.
Ipomoea amnicola (Convolvulaceae), a South American waif in Missouri, 67:200.
- SHONTZ, JOHN P.
 (SHONTZ, NANCY N. and —), *Galinsoga ciliata* (Compositae); its arrival and spread in the northeastern United States, 72:386-392.
- SHONTZ, NANCY N.
 (— and SHONTZ, JOHN P.), *Galinsoga ciliata* (Compositae); its arrival and spread in the northeastern United States, 72:386-392.
- Shooting Star in southern Illinois, French's, 57:325.
- Shortia galacifolia*, Distribution and abundance of, 57:189.
- Shortia galacifolia* from Georgia, 52:229.
- Shortia galacifolia*, Geographical variations in, 54:121.
- Shortia galacifolia* in Gray's Manual range, 58:38.
- Shortia galacifolia*, Remarks on the Virginia location of, 61:297.
- Shortia galacifolia* T. & G. under controlled conditions, Seed germination of, 68:147.
- Sidopsis* Rydberg and notes on *Malvastrum* A. Gray (Malvaceae), A reconsideration of, 69:9.
- Silene virginica* in the Gulf States, 58:27.
- Silphium integrifolium*, The varieties of, 72:536.
- Silphium terebinthinaceum*, A glabrous variety of, 53:133.
- SILVEUS, WILLIAM ARRENTS
 [Biographical sketch], 56:163-167.
- Sisymbrium pauciflorum* (Cruciferae), The identity of, 68:513.
- Sisymbriums* (Cruciferae) native to Texas and northern Mexico, Some, 62:55.
- Sisyrinchium*, A new Argentine, 72:287.
- Sisyrinchium angustifolium* Miller, *Sisyrinchium bermudiana* L. instead of, 59:159.
- Sisyrinchium bermudiana* L. instead of *S. angustifolium* Miller, 59:159.
- SKOG, LAURENCE E.
 The genus *Coriaria* (Coriariaceae) in the Western Hemisphere, 74:242-253.
- Smelowskia* (Cruciferae), The North American representatives of, 54:85.
- Smilax hispida* versus *S. tamnoides*, 53:109.
- Smilax*: section *Coprosmanthus*, A cytotaxonomic study of the herbaceous species of, 70:55.
- Smilax* section *Smilax* of the southeastern United States, Comparative studies of, 72:289.
- Smilax tamnoides*, *Smilax hispida* versus, 53:109.
- SMITH, C. EARLE, JR.
 Identity of Witchweed in the southeastern United States, 68:167.
 Redefinition of *Cedrela oaxacensis* C.DC. & Rose, 74:124-126.
- SMITH, DALE M.
 (—and MARTIN, WILLIAM C.), Natural hybridization of *Helianthus longifolius* with *H. atrorubens* and *H. occidentalis*, 61:140-147, 1 fig.
 (HEISER, C. B. and —), Species crosses in *Helianthus* II. Polyploid species, 66:344-358, 7 figs.
- SMITH, EDWIN B.
 Chromosome numbers in races of *Haplopappus divaricatus*, 66:63-66, 6 figs.
 (— and JOHNSON, R. ROY), Microchromosomes in *Aphanostephus* (Compositae), 66:270-272, 1 fig.
 Taxonomy of *Haplopappus*, section *Isopappus* (Compositae), 67:217-238, 3 figs.
 A reversion in *Polymnia canadensis* (Compositae) and notes on the pedicellate disk florets in the genus, 70:559-562, 1 fig.
- SMITH, E. C.
 (— and SCHOFIELD, W. B.), Contributions to the flora of Nova Scotia, 54:220-228.
 (— and ERSKINE, J. S.), Contributions to the flora of Nova Scotia IV., 56:242-252.
 Contributions to the flora of Nova Scotia VII. Distribution of

- some aquatic and paludial species, 61:275-290, 8 figs.
- (HOUNSELL, R. W. and —), Contributions to the flora of Nova Scotia VIII. Distribution of arctic-alpine and boreal disjuncts, 68:409-419, 12 figs.
- (HOUNSELL, R. W. and —), Contributions to the flora of Nova Scotia IX. Habitat studies of arctic-alpine and boreal disjunct species, 70:176-191, 1 map.
- SMITH, GARY L.
Spergula morisonii in America, 68:520-521.
- SMITH, JESSE F.
Lygodium palmatum vs. urbanization, 58:270-271.
- SMITH, LYMAN B.
Borrhichia frutescens from Chesapeake Bay, 55:58-59.
 (LEONARD, EMERY C. and —), *Sanchezia* and related American *Acanthaceae*, 66:313-343, 5 figs.
 The *Bromeliaceae* of Bolivia, 71:35-57, 220-279, 3 figs.
 (COLEMAN, JAMES R. and —), Chromosome numbers of some Brazilian Angiosperms, 71:548-551.
- SMITHBERG, MARGARET H.
 (JOHNSON, ALBERT G. and —), A new station for *Hamamelis virginiana* L. in Minnesota, 69:457-459.
- Snow cover and the *Diapensia lapponica* habitat in the White Mountains, New Hampshire, 74:358.
- SNYDER, DOROTHY E.
Dalea alopecuroides on Plum Island, Essex County, Massachusetts, 52:299.
- Soaking and re-pressing dried plant specimens, A quicker more satisfactory method for, 53:113.
- SOEJARTO, DJAJA D.
Saurauia species and their chromosomes, 72:81-93, 1 map, 4 pls.
 (*Solanaceae*), Biosystematic study of *Chamaesaracha*, 75:325.
- SOLBRIG, OTTO T.
 The status of the genera *Amphipappus*, *Amphiachyris*, *Greenella*, *Gutierrezia*, *Gymnosperma* and *Xanthocephalum* (*Compositae*), 62:43-54, 1 fig.
 The coming of age of American botany, [Review], 62:85-86.
- Synopsis of the genus *Xanthocephalum* (*Compositae*), 63:151-164, 1 fig.
- The typification of *Xanthocephalum* (*Compositae*), 67:182-184, pl. 1311.
- (ABRAHAMSON, WARREN C. and —), Soil preferences and variation in flavonoid pigments in species of *Aster*, 72:251-263, 1 fig.
- Solidago canadensis*, *Solidago rupestris* and, 66:404.
- Solidago chrysolepis*, *Solidago purshii* not, 51:93.
- Solidago gigantea*, Prairie variety of, 55:322.
- Solidago gymnospermoides* in Illinois, 70:287-288.
- Solidago juncea*, Chaff on the receptacle of, 70:304.
- Solidago purshii* not *S. chrysolepis*, 51:93.
- Solidago rupestris* and *S. canadensis*, 66:404.
- Solidago sempervirens*, A new color form of, 60:261.
- Solidago ulmifolia*, A new variety of, 57:36.
- SOPER, JAMES H.
 Phytogeographic studies in Ontario I. The genus *Uvularia* in southern Ontario, 54:57-67, 3 figs.
- SORENSEN, PAUL D.
 Revision of the genus *Dahlia* (*Compositae-Heliantheae-Coreopsidinae*), 71:309-365, 367-416, 8 maps, 9 figs.
 Validation of the name *Dahlia australis*, 71:565.
- South America, New species of ferns from Central and, 62:1.
- South America, The reexamination of the genus *Cliococca* (*Linaceae*) of, 73:560.
- South American *Gentiana*, Some new names in, 56:103.
- South American waif in Missouri, *Ipomoea amnicola* (*Convolvulaceae*) a, 67:200.
- South Carolina, *Eragrostis plana* in, 72:188.
- South Carolina, Species new to the flora of North or, 60:10.
- South Dakota, *Cyperus fuscus* in Nebraska and, 71:433.
- South Dakota, *Trillium cernuum* L. and *Geranium maculatum* L.: new for, 72:554.

- Southeast, *Lathyrus aphaca* L. new to Tennessee and the, 74:155.
- Southeastern States, Some new or otherwise interesting reports of Liliaceae from the, 63:304.
- Southeastern States— their abundance and relation to production of floras, Taxonomic collections of vascular plants in the, 55:353.
- Southern States particularly Alabama and middle Tennessee, Some notes on the flora of the, 75:366.
- Species Plantarum— more than a facsimile edition, [Review], 60:59.
- Species Plantarum, The second volume of, [Review], 61:312.
- Specimens, A quicker more satisfactory method for soaking and repressing dried plant, 53:113.
- Specimens, An electrical drier for herbarium, 52:129.
- Specimens, New plastic aid in mounting herbarium, 52:298.
- SPEESE, BERNICE M.
 (BALDWIN, J. T. JR., — and MIKULA, BERNARD), Chromosomes of *Trillium pusillum* Michx. var. *virginianum* Fernald, 51:368, 1 fig.
 (BALDWIN, J. T. JR. and —), *Penthorum*: its chromosomes, 53:89-91.
- Spergula morisonii* in America, 68:520.
- Sphaeropteris horrida*, The American tree ferns allied to, 73:1.
- Spiraea* and of certain other genera of Rosaceae, Chromosomes of, 53:203.
- Spiraea tomentosa*, A population study of the variation in the inflorescence of, 53:280.
- Spiranthes ovalis*, new for Kansas, 70:485.
- Spiranthes tuberosa*, new for Kansas, 72:141.
- Spirodela oligorrhiza* in the United States, The occurrence of, 64:83.
- SPONGBERG, STEPHEN A.
 A new Alaskan species of *Erigeron* L. (Compositae), 75:116-119, 1 fig.
- Sponges, Plant pressing with plastic, 66:172.
- Sporobolus cryptandrus*, Subspecific variation in, 52:125.
- Sporobolus texanus* Vasey in Lincoln, Nebraska, 70:450.
- Spruce, A "pillar"-type Black, 70:562.
- Spruce in New England, The phytogeography of subalpine Black, 71:1.
- SPRUCE'S Amazon explorations on modern phytochemical research, Some impacts of, 70:313.
- Stages in the evolution of plant species, [Review], 54:140.
- Stamen-numbers in *Cuphea*, 52:185.
- STANFORD, JACK W.
 Ulmaldy T. Waterfall (1910-1971), 75:146-149.
- STEELE, FREDERIC L.
 (HODGDON, ALBION R. and —), *Pinguicula vulgaris* L. in New Hampshire, 55:349-352.
- Notes on two New Hampshire trees, 56:204.
- Juniperus communis* var. *saxatilis* from Mount Washington, 58:50.
- (— and HODGDON, ALBION R.), Some additions to the vascular flora of New Hampshire, 61:268-270.
- Introgression of *Alnus serrulata* and *Alnus rugosa*, 63:297-304, 10 figs.
- An unusual *Rubus*, 64:353-354.
 (HODGDON, ALBION R. and —), Glandularity in *Rubus allegheniensis*, 64:161-168, 1 fig.
 (HODGDON, ALBION R. and —), *Juniperus horizontalis* in New Hampshire, 64:351-352.
- A double-flowered form of *Dianthus laponica*, 65:21.
 (— and HODGDON, ALBION R.), Hybridization of *Rubus hispidus* and *R. setosus*, 65:262-270, 1 fig.
- Alpine zone of the Presidential Range, [Review], 65:337-338.
- Potentilla robbinsiana* in the White Mountains of New Hampshire, 66:408-411.
- A flora of northern New Hampshire, [Review], 66:411-412.
 (HODGDON, ALBION R. and —), *Rubus* subgenus *Eubatus* in New England, 68:474-513.
- The *Saxifraga aizoon* station revisited, 69:484-485.
- A new wildflower guide, [Review], 71:107-109.
 (— and HODGDON, ALBION R.), Hybrids in *Rubus* subgenus *Eubatus* in New England, 72:240-250.
 (— and HODGDON, ALBION R.), Correction in article on *Rubus* hybrids, 72:547.

- A new Mt. Washington station for *Gnaphalium supinum*, 72:555-556.
 (HODGDON, ALBION R. and —), Recent discoveries in the New Hampshire flora, 74:291-294.
 (— and HODGDON, ALBION R.), Two interesting plants on Mt. Cardigan, Orange, New Hampshire, 75:155-157.
- STEEVES, TAYLOR A.
 (— and DEWOLF, GORDON P.), Note on the varieties of *Zizania aquatica* L., 52:34.
 An interpretation of two forms of *Osmunda cinnamomea*, 61:223-230, 1 fig.
- Stellaria alsine*, Our American forms of, 52:250.
- STENTZ, JANET
 (BOOTH, W. E. and —), Montana plant-distribution records, 52:52-53.
- STEPHENS, H. A.
 (WEEDON, RONALD R. and —), *Cyperus fuscus* in Nebraska and South Dakota, 71:433.
- Steppe, taiga and tundra, [Review], 62:258.
- STERK, FERN FRANK
 (VAN FAASEN, PAUL and —), Chromosome numbers in *Aster*, 75:26-33.
- STEVENS, CHARLES E.
Chrysanthemum lacustre Brotero new to Gray's Manual range, 72:250.
 A prior record of *Chrysanthemum lacustre* Brotero, 72:543.
- STEVENS, O. A.
 A simple plastic collecting bag, 51:393.
 Problems in indicating plant distribution, 53:222-226.
 New records for North Dakota, 63:39-46.
 New records of North Dakota plants, 74:389-396.
- STEVENSON, G. A.
 (MARSHALL, H. H., GROSS, A. T. H. and —), Natural hybrids of Lady's Slippers (*Cypripedium*) in Manitoba, 68:53-58.
- Stewartia*, A seventeenth century record for, 71:434.
- Stewartia ovata* on the Coastal Plain, A second station for, 63:206.
- STEYERMARK, CORA S.
 (STEYERMARK, JULIAN A. and —), *Hepatica* in North America, 62:223-232.
- STEYERMARK, JULIAN A.
 New Missouri plant-records (1946-1948), 51:115-119.
 (— and SWINK, FLOYD A.), Plants new to Illinois or to Chicago area in Illinois, 51:147-149.
Lindera melissaefolia, 51:153-162, pl. 1151.
 A glabrous variety of *Silphium terebinthinaceum*, 53:133-135.
 Color-forms of the May-apple, 54:131-134.
 (— and SWINK, FLOYD A.), Plants new to Illinois and to the Chicago region, 54:208-213.
 New Missouri plant records (1949-1951), 54:250-260.
 Another Coastal Plain relict in the Missouri Ozark region, 55:15-17.
 Color form of *Helianthus mollis*, 55:108.
Elymus riparius in Illinois, 55:156.
Dodecatheon amethystinum and forma *margaritaceum* in the Missouri Ozarks, 55:226-227.
 The discovery and destruction of *Callicarpa americana* in Missouri, 55:238-241.
 Notes on some roses in the Gray's Manual range, 56:70-80.
 (— and SWINK, FLOYD A.), *Calycera balsamitaefolia* in the United States, 57:72.
Epipactis helleborine in Illinois, 57:131.
 (— and SWINK, FLOYD A.), Plants new to Illinois and to the Chicago region, 57:265-268.
 (PALMER, ERNEST JESSE and —), Plants new to Missouri, 57:310-319.
 (— and SWINK, FLOYD A.), *Asclepias syriaca* var. *kansana* in New York State, 58:197-198.
 Flora of Winnebago County, Illinois, [Review], 58:273-274.
 White-flowered forms of *Liatris* and *Vernonia*, 59:23-24.
 (—, SWINK, FLOYD A. and THIÉRET, JOHN W.), Plants new to Illinois and Indiana and the Chicago region, 59:31-33.
 ×*Carex deamii* in Missouri, 60:174.
 An albino form of *Dipsacus sylvestris*, 60:174-175.
 An unusual botanical area in Missouri, 60:205-208.

- (— and SWINK, FLOYD A.), Plants new to Illinois and to the Chicago region, 61:24-27.
New forms of *Trillium recurvatum*, 61:124.
New combinations and forms in the Missouri flora, 62:130-132.
(— and STEYERMARK, CORA S.), *Hepatica* in North America, 62:223-232.
An unusual hybrid *Helenium*, 62:343-346.
(— and KUCERA, C. L.), New combinations in grasses, 63:24-26.
- STIMSON, WILLIAM R.
Additions to the flora of the Bimini Island group, Bahama Islands, 69:60.
- Stipa* (Gramineae), A new intergeneric hybrid involving *Oryzopsis* and, 59:273.
- Stipulicida* in Gray's Manual range, 69:59.
- Stipulicida setacea*, A new variety of, 59:98.
- STONE, RICHARD A.
(HEHRE, EDWARD J., CONWAY, JOAN M. and —), Flora of the Wolf Islands, Part III: The marine algae, 72:115-118.
(—, HEHRE, EDWARD J., CONWAY, JOAN M. and MATHIESON, ARTHUR C.), A preliminary checklist of the marine algae of Campobello Island, New Brunswick, Canada, 72:313-338, 1 map.
- Streptanthus*, A new species of, 58:354.
- Streptanthus* (Cruciferae), Protandry in two species of, 65:45.
- Streptopus oreopolus* Fern., a hybrid taxon, 65:310.
- Striga asiatica* and *Chrysoma pauciflosculosa* in the Carolinas, 60:289.
- STRIPLING, H. LARRY
(LEWIS, WALTER H., — and ROSS, RICHARD G.), Chromosome numbers for some Angiosperms of the southern United States and Mexico, 64:147-161, 55 figs.
- STUCKEY, IRENE H.
A range extension for *Suaeda americana* in New England, 71:560-561.
- STUCKEY, RONALD L.
Thlaspi tuberosum Nutt., a taxonomic synonym of *Cardamine douglassii* Britt. (Cruciferae), 69:460-465.
- Biography of Thomas Nuttall: a review with bibliography, 70:429-438.
- Distributional history of *Epilobium hirsutum* (Great Hairy Willow-Herb) in North America, 72:164-181, 3 figs.
- (— and PHILLIPS, W. LOUIS), Distributional history of *Lycopus europaeus* (European Water-Horehound) in North America, 72:351-369, 2 figs.
- STUESSY, TOD F.
The genus *Acanthospermum* (Compositae-Heliantheae-Melampodiinae): taxonomic changes and generic affinities, 72:106-109.
Greenmania: a taxonomic synonym of *Unxia* (Compositae, Heliantheae), 73:291-292.
Revision of the genus *Melampodium* (Compositae: Heliantheae), 74:1-70, 161-219, 16 maps, 10 figs.
- Stylosanthes* (Leguminosae), Further considerations in, 65:245.
- Stylosanthes*, Recent studies in the Leguminous genus, 62:340.
- (Styracaceae), Some identities in Halesia, 60:86.
- Suaeda americana* in New England, A range extension for, 71:560.
- Substrate for *Polysiphonia paniculata* Montagne, An unusual, 75:488.
- Subularia* (Cruciferae), The genus, 66:127.
- Suessenguthia* (Acanthaceae), A synopsis of the genus, 72:119.
- Sunflowers (*Helianthus*) from the southwestern United States, Three new annual, 60:272.
- SVENSON, HENRY K.
What is *Hypericum prolificum*? 54:205-207, pl. 1187.
A further note on the plants of Vinland the Good, 54:289-290.
The *Eleocharis obtusa-ovata* complex, 55:1-6, pls. 1188-1189.
Maud H. Purdy 1874-1965, 70:283-286, 1 photo.
A model flora of Ohio — "The Monocotyledoneae" by E. Lucy Braun, [Review], 71:562-564.
Western Cape Cod: plant notes, 72:1-16.
A Linden (*Tilia*) forest on Cape Cod (with extended notes on *Tilia neglecta*, *Bromus pubescens* and *Ribes hirtellum*), 72:339-350, 1 fig.

- The rachilla in Cape Cod species of *Carex* with notes on the history of the perigynium and rachilla, 74:321-330, 17 figs.
Rediscovery of *Tilia neglecta* Spach, 74:469-474, 2 figs.
- SWALLEN, JASON R.
A new species of *Panicum* from New Jersey, 63:235-236.
New species of *Digitaria* and *Trichachne*, 65:355-357.
- SWAN, EMERY F.
(MATHIESON, ARTHUR C., — and FRALICK, RICHARD A.), An abnormal specimen of *Laminaria digitata* (L.) Lamouroux, 74:127-130, 3 figs.
- SWARTZ, STEVEN
(COLT, L. C. JR. and —), An unusual substrate for *Polysiphonia paniculata* Montagne, 75:488-490.
- SWAYNE, JULIUS R.
(VOIGT, JOHN W. and —), French's Shooting Star in southern Illinois, 57:325-332, 3 figs.
- SWINK, FLOYD A.
(STEYERMARK, JULIAN A. and —), Plants new to Illinois or to the Chicago area in Illinois, 51:147-149.
(STEYERMARK, JULIAN A. and —), Plants new to Illinois and to the Chicago region, 54:208-213.
(STEYERMARK, JULIAN A. and —), *Calycera balsamitaefolia* in the United States, 57:72.
(STEYERMARK, JULIAN A. and —), Plants new to Illinois and to the Chicago region, 57:265-268.
(STEYERMARK, JULIAN A. and —), *Asclepias syriaca* var. *kansana* in New York State, 58:197-198.
(STEYERMARK, JULIAN A., — and THIERET, JOHN W.), Plants new to Illinois and Indiana and the Chicago region, 59:31-33.
(STEYERMARK, JULIAN A. and —), Plants new to Illinois and to the Chicago region, 61:24-27.
- Synthlipsis (Cruciferae), The genus, 61:253.
- Systematic botany, Deep-freezing flowers for laboratory instruction in, 52:289.
- Taiga and tundra, Steppe, [Review], 62:258.
- TAKHTAJAN, A.
XII International Botanical Congress, June 23-30 1975, 74:532-533.
- Talinum* (Portulacaceae) from the Cedar Glades of middle Tennessee, A new, 69:466.
- Taxon, The misuse of the term, 59:43.
Taxonomy today and tomorrow, 54:1.
Taxons, A modest plea in favor of divers, 59:235.
- TAYLOR, CONSTANCE
(— and TAYLOR, R. JOHN), *Podophyllum peltatum* f. *deamii* from Bryan County, Oklahoma, 66:167.
(TAYLOR, R. JOHN and —), Additions to the vascular flora of Oklahoma, 67:191-193.
(TAYLOR, R. JOHN and —), Additions to the vascular flora of Oklahoma — II., 69:480-482.
(TAYLOR, R. JOHN and —), The vascular flora of Oklahoma — additions and comments, 71:215-219.
- TAYLOR, R. JOHN
(TAYLOR, CONSTANCE and —), *Podophyllum peltatum* f. *deamii* from Bryan County, Oklahoma, 66:167.
(— and TAYLOR, CONSTANCE), Additions to the vascular flora of Oklahoma, 67:191-193.
(— and TAYLOR, CONSTANCE), Additions to the vascular flora of Oklahoma — II., 69:480-482.
(— and TAYLOR, CONSTANCE), The vascular flora of Oklahoma — additions and comments, 71:215-219.
- TAYLOR, RONALD J.
(DOUGLAS, GEORGE W. and —), Contributions to the flora of Washington, 72:496-501.
- TAYLOR, WILLIAM RANDOLPH
A *Punctaria* new to New England waters, 73:293-295, 1 fig.
Technique for morphological analysis in population studies, A, 54:217.
Technique for the plant collector, A freeze-dry, 70:410.
Technique, Herbarium, 51:59.
- TEERI, JAMES A.
(EYDE, RICHARD H. and —), Floral anatomy of *Rhexia virginica* (Melastomataceae), 69:163-178, 11 figs., pls. 1351-1352.

- Developmental variability of *Cornus canadensis* in northern New England, 70:278-282, 1 fig.
The phytogeography of subalpine Black Spruce in New England, 71:1-6, 1 fig.
- Temporal variation, 54:303.
- Tennessee, A new *Talinum* (Portulacaceae) from the Cedar Glades of middle, 69:466.
- Tennessee and the Southeast, *Lathyrus aphaca* L. new to, 74:155.
- Tennessee, *Arabis perstellata* in, 62:242.
- Tennessee, *Eriogonum harperi* Goodman in, 74:154.
- Tennessee, Some Cruciferae of the Nashville Basin, 54:182.
- Tennessee, Some notes on the flora of the Southern States, particularly Alabama and middle, 75:366.
- Tennessee, Some plants new to, 68:518.
- Tennessee, The genus *Ilex* in, 53:229.
- Tephrosia (Leguminosae), The American barbistyled species of, 51:193, 233, 305, 369.
- Ternstroemia* from Jamaica, B.W.I., A new species of, 59:36.
- TERRELL, EDWARD E.
Striga asiatica and *Chrysoma pauciflosculosa* in the Carolinas, 60:289.
A revision of the *Houstonia purpurea* group (Rubiaceae), 61:157-180, 188-207, 4 maps.
(LEWIS, WALTER H. and —), Chromosomal races in eastern North American species of *Hedyotis* (*Houstonia*), 64:313-323, 2 figs.
Biometric and taxonomic uses of cellulose acetate plastic, 70:552-558, 2 figs., pl. 1401.
Notes on *Festuca arundinacea* and *F. pratensis* in the United States, 70:564-568.
- Tetracoccus* (Euphorbiaceae), The genus, 56:45.
- Teuscheria*, The present status of the recently described genus, 61:35.
- Texas, A new *Zephyranthes* from southern, 63:214.
- Texas and its bearing on the status of *Thelesperma filifolium*, *Thelesperma nuecense*, a new species from south, 61:243.
- Texas and northeastern Mexico, Some *Sisymbriums* (Cruciferae) native to, 62:55.
- Texas and northern Mexico, *Croton suaveolens* and *Croton abruptus* (Euphorbiaceae) of western, 62:77.
- Texas, *Calliandra biflora*, a new species of Leguminosae (Mimosoideae), from southern, 56:132.
- Texas, *Chamaesaracha villosa* new to, 67:194.
- Texas Grasses, Notes on north, 56:25.
- Texas, Manual of the vascular plants of, [Review], 72:533.
- Texas, Miscellaneous Cruciferae of Mexico and western, 59:61.
- Texas III, Some additions and corrections to the flora of, 68:420.
- Texas, The Noseburn (*Tragia*, Euphorbiaceae) of western, 64:137.
- Texas, *Wolffia papulifera* in, 54:306.
- Thallophytes and Bryophytes of the Canadian Eastern Arctic, [Review], 52:251.
- THARP, B. C.
Calliandra biflora, a new species of Leguminosae (Mimosoideae) from southern Texas, 56:132.
William Arrents Silveus, 56:163-167.
- Thelepogon elegans* Roth in the Dominican Republic, 60:73.
- Thelesperma filifolium*, *Thelesperma nuecense*, a new species from south Texas and its bearing on the status of, 61:243.
- Thelesperma nuecense*, a new species from south Texas and its bearing on the status of *T. filifolium*, 61:243.
- Thelypteris*, New combinations in, 61:305.
- Thelypteris palustris*, Structure and variation in spores of, 73:444.
- Thelypteris*, Taxonomic Fern notes V. New combinations in Peruvian species of, 69:5.
- THIERET, JOHN W.
Dipsacus laciniatus in Illinois, 55:268.
(STEYERMARK, JULIAN A., SWINK, FLOYD A. and —), Plants new to Illinois and Indiana and the Chicago region, 59:31-33.
(— and EVERS, ROBERT A.), Notes on Illinois grasses, 59:123-124.
(EVERS, ROBERT A. and —), New plant records: Illinois and Indiana, 59:181.
Plants new to Illinois and to the Chicago region, 59:289.

- (— and GLASSMAN, SIDNEY F.), Grasses new to Illinois and the Chicago region, 60:264.
The specific epithet of the Pecan, 63:296.
Life-forms in the Plains flora of southern Mackenzie, Northwest Territories, 65:149-157.
Nemophila microcalyx, an incorrect name, 72:399-400.
- Thistle in Virginia, The Blessed, 62:233.
- Thlaspi tuberosum* Nutt., a taxonomic synonym of *Cardamine douglassii* Britt. (Cruciferae), 69:460.
- THOMAS, JOAB L.
(GREEN, PETER S. and —), The bulbiferous *Ranunculus ficaria*, 63:289-291.
(— and DERAMUS, REBECCA), The chromosome number of *Neviusia alabamensis* Gray, 66:274.
(FARMER, JOE A. and —), Disjunction and endemism in *Croton alabamensis*, 71:94-103, 1 map, 3 figs.
- THOMAS, JOHN H.
Cochlearia officinalis arctica in the vicinity of Point Barrow, Alaska, 54:40-42.
- Thuja occidentalis* resembling known cultivars, New form of, 74:352.
- Thymelaeaceae, Chromosome counts of two, 64:277.
(Thymelaeaceae) new to the Western Hemisphere, *Edgeworthia*, 74:436.
- Tiarella cordifolia* in Wisconsin, 58:309.
- TIDESTROM, IVAR
[—, 1864-1956], [Biographical sketch], 59:161-168, pl. 1229.
- TIFFNEY, WESLEY N.
(— and TIFFNEY, WESLEY N., JR.), *Tulostoma brumale* Pers., a new record for New England, 67:89-91.
(TIFFNEY, WESLEY N., JR. and —), A population study of *Tulostoma brumale*, 73:20-38, 3 figs.
- TIFFNEY, WESLEY N., JR.
(TIFFNEY, WESLEY N. and —), *Tulostoma brumale* Pers., a new record for New England, 67:89-91.
(— and TIFFNEY, WESLEY N.), A population study of *Tulostoma brumale*, 73:20-38, 3 figs.
- Snow cover and the *Diapensia lapponica* habitat in the White Mountains, New Hampshire, 74:358-377, 2 tabs., 5 figs.
A new station for *Saxifraga rivularis* L. in the White Mountains, New Hampshire, 75:153-155, 1 fig.
- (*Tilia*) forest on Cape Cod (with extended notes on *Tilia neglecta*, *Bromus pubescens* and *Ribes hirtellum*), A Linden, 72:339.
- Tilia neglecta*, *Bromus pubescens* and *Ribes hirtellum*), A Linden (*Tilia*) forest on Cape Cod (with extended notes on, 72:339.
- Tilia neglecta* Spach, Rediscovery of, 74:469.
- Tillaea aquatica* (Crassulaceae) in Canada and Alaska, A history of, 56:96.
- Tofieldia glutinosa* (Liliaceae), A new combination in, 73:53.
- TORRES, ANDREW M.
(— and BEAMAN, JOHN H.), The status of *Aganippea bellidiflora* (Compositae-Heliantheae), 66:156-159.
New chromosome numbers in *Zinnia* and *Sanvitalia*, 68:215-216.
- TORREY, R. E.
(— and DAVIS, EDWARD L.), The old Massachusetts Herbarium, 55:7-14.
- Torreyochloa fernaldii* (Gramineae), The authorities for, 52:53.
- Torreyochloa*, The genus, 54:197.
- Torreyochloa* to *Puccinellia*, Suggestion for the assignment of, 54:42.
- Tovara* in Mexico, 54:305.
- Tovara* (Polygonaceae), The genus, 54:19.
- (*Toxicodendron*, Anacardiaceae), The systematics and ecology of Poison-ivy and the Poison-oaks, 73:72, 161, 370, 465.
- Tragia* (Euphorbiaceae) in the United States, A preliminary revision of, 69:241.
- (*Tragia*, Euphorbiaceae) of western Texas, The Noseburn, 64:137.
- Tragopogon*, A nomenclatural note in the genus, 55:325.
- Tragopogon*, The chromosomes of, 56:7.
- Transfers and minor variations, Studies of eastern American plants 6., 51:103.
- Transfers, Three minor, 52:71.

- TRAUB, HAMILTON P.
Hymenocallis littoralis from Florida, 59:99.
 Tree names, Some notes on United States, 54:67.
 Trees and other plants? Why so many careless books on, 52:272.
 Trees of the United States, Mapping ranges of the, 53:195.
Tribulus adventive in the New World, Another, 69:455.
Tribulus cistoides (Zygophyllaceae), Interactions between *Apis mellifera* (Hymenoptera: Apidae) and, 74:117.
Trichachne, New species of *Digitaria* and, 65:355.
 Trichome complements in a North American group of *Vernonia* (Compositae), The systematic value of, 75:517.
Tridens record from Missouri, A new, 59:72.
Tridens strictus, Two new States for, 52:126.
Trientalis borealis, The southern limits of, 72:489.
Trilisa and *Litrisa* (Compositae), Generic considerations concerning *Carphephorus*, 60:117.
Trilisa (Compositae), Generic considerations concerning *Carphephorus* and, 70:474.
Trilisa paniculata, A white form of, 53:114.
Trillium cernuum L. and *Geranium maculatum* L.: new for South Dakota, 72:554.
Trillium persistens (Liliaceae), a new pedicellate-flowered species from northeastern Georgia and adjacent North Carolina, 73:244.
Trillium pusillum Michx., var. *virginianum* Fernald, Chromosomes of, 51:368.
Trillium recurvatum, New forms of, 61:124.
Trillium, Two new variations in, 55:101.
 Trinidad et Tobago notulae additiciae, Orchidaceas neotropicales III. De Orchidaceis Insularum, 59:280.
Triosteum angustifolium, A new color form of, 55:346.
Triosteum (Caprifoliaceae), Tribal classification of, 75:120.
Triphora trianthophora in Ontario, Notes on, 58:31.
Triphora trianthophora (Sw.) Rydb. in Maine, 71:509.
Triphora trianthophora (Sw.) Rydb. in Maine, A second occurrence for, 74:141.
 TRIPP, JOSEPH W.
 (NICKERSON, NORTON H. and —), Floral dimorphism in *Rachicallis americana* (Jacq.) Hitch. (Saltwaterbush), 75:111-113.
Tripsacum, Some observations on the dissemination of, 66:371.
 Tropical marine botany, An indispensable manual of, [Review], 63:57.
 TRYON, ALICE F.
 Some new aspects of the Fern *Platyzoma microphyllum*, 63:91-102, 2 figs.
 Notes on the Fern genus *Eriosorus*, 65:56-57.
 Comparison of sexual and apogamous races in the Fern genus *Pellaea*, 70:1-24, 9 figs., pl. 1371.
 Structure and variation in spores of *Thelypteris palustris*, 73:444-460, 22 figs.
 Spores, chromosomes and relations of the Fern *Pellaea atropurpurea*, 74:220-241, 2 tabs., 34 figs.
 TRYON, ROLLA M.
 New species of Ferns from Central and South America, 62:1-10, 2 figs., 1251-1252.
 Taxonomic Fern notes I., 63:70-88, pls. 1255-1258.
 A botanical atlas of the Danish flora, [Review], 63:349.
 The Ferns and Fern Allies of Chihuahua, [Review], 64:347-348.
 Taxonomic Fern notes, IV. Some American Vittarioid Ferns, 66:110-117.
 (— and BRITTON, DONALD M.), A study of variation in the cytotypes of *Dryopteris spinulosa*, 68:59-92, pls. 1320-1327.
 Taxonomic Fern notes, V. New combinations in Peruvian species of *Thelypteris*, 69:5-8.
 The Flora of Eastern Himalaya, [Review], 69:456-457.
 Manual of the Vascular Plants of Texas, [Review], 72:533-535.
 The American tree ferns allied to *Sphaeropteris horrida*, 73:1-19, 2 maps, 24 figs.

- Taxonomic Fern notes, VI. New species of American Cyathea-ceae, 74:441-450, 19 figs.
- Aquatic and wetland plants of the southwestern United States, [Review], 75:114-115.
- Tsuga, Preparing specimens of *Picea* and, 54:232.
- Tubiflorae, Studies of eastern American plants. 4. Emendations in the order, 51:70.
- Tulostoma brumale*, A population study of, 73:20.
- Tulostoma brumale* Pers., a new record for New England, 67:89.
- Tundra, Steppe, taiga and, [Review], 62:258.
- TURNER, BILLIE L.
Chromosome numbers in the genus *Sesbania* (Leguminosae); evidence for a conservative treatment, 57:213-218, 3 figs.
A cytotaxonomic study of the genus *Hymenopappus* (Compositae), 58:163-186, 208-242, 250-269, 295-308, 47 figs.
Chromosome numbers in the genus *Krameria*: evidence for familial status, 60:101-106, 4 figs.
Thelesperma nuecense, a new species from south Texas and its bearing on the status of *T. filifolium*, 61:243-246.
(— and IRWIN, H. S.), Chromosome numbers in the Compositae. II. Meiotic counts for fourteen species of Brazilian Compositae, 62:122-126, 8 figs.
(— and IRWIN, H. S.), Chromosome numbers of some Brazilian Leguminosae, 63:16-19, 4 figs.
(—, BEAMAN JOHN H. and ROCK, H. F. L.), Chromosome numbers in the Compositae. V. Mexican and Guatemalan species, 63:121-129, 25 figs.
(JOHNSTON, MARSHALL C. and —), Chromosome numbers of *Dyssodia* (Compositae-Tagetinae) and phyletic interpretations, 64:2-15, 9 figs.
(—, POWELL, M. and KING, R. M.), Chromosome numbers in the Compositae—VI. Additional Mexican and Guatemalan species, 64:251-271, 33 figs.
(BEAMAN, JOHN H. and —), Chromosome numbers of Mexican and Guatemalan Compositae, 64:271-276, 4 figs.
(Turneraceae), Reproductive biology of *Piriqueta caroliniana*, 66:100.
- Tussilago farfara* in Maryland, 53:93.
- Tussilago farfara* L. (Senecioneae-Asteraceae) in Virginia, 74:403.
- TYLER, HARRY R., JR.
(HODGDON, ALBION R., PIKE, RADCLIFFE B. and —), More additions to the flora of Grand Manan, New Brunswick, 71:306-308.
- Typographical errors in Gray's Manual, Misprints and other, 52:280.
- UGENT, DONALD
Epilobium × *wisconsinense*, hybr. nov., 65:274-279, 5 figs.
- UHL, CHARLES H.
Heteroploidy in *Sedum glaucophyllum*, 72:460-479, 17 figs.
Intraspecific variation in chromosomes of *Sedum* in the southwestern United States, 74:301-320, 30 figs.
- Ulmus americana* L., The type of, 54:138.
- Ulmus* and *Platanus*, New chromosome counts in, 71:544.
- Ulmus* L., A case of albinism and of presumptive self-compatibility in, 70:294.
- (Umbelliferae), Mock Bishop's Weed in the New World Tropics: range extensions for *Ptilimnium capillaceum*, 72:393.
- (Umbelliferae), Rediscovery of the genus *Neoparrya* Mathias, 60:265.
- UNDERWOOD, J. K.
(ROGERS, KEN E. and —), Some plants new to Tennessee, 68:518-519.
- UNGAR, IRWIN A.
Sporobolus texanus Vasey in Lincoln, Nebraska, 70:450-451.
Atriplex patula var. *hastata* seed dimorphism, 73:548-551, 1 fig.
- United States, A new species of *Neuropogon* from the, 56:154.
- United States, A new species of *Scirpus* in the northeastern, 64:43.
- United States, A preliminary revision of *Tragia* (Euphorbiaceae) in the, 69:421.
- United States, A range extension for *Hudsonia ericoides* in the southeastern, 70:289.
- United States, *Adiantum capilluveneris* in the, 52:201.

- United States and Mexico, Chromosome numbers for some Angiosperms of the southern, 64:147.
- United States, Aquatic and wetland plants of the southwestern, [Review], 75:114.
- United States, Authorship and nomenclature of Bur Clovers (*Medicago*) found wild in the, 58:1.
- United States, *Calycera balsamitae-folia* in the, 57:72.
- United States, Comparative studies of *Smilax*, section *Smilax* of the southeastern, 72:289.
- United States, Cytotaxonomic notes on the species of *Cirsium* native to the southeastern, 71:285.
- United States, Discovery of *Arenaria marcescens* in the, 61:123.
- United States, Distribution of native and introduced Knapweeds (*Centaurea*) in Canada and the, 74:331.
- United States, *Eragrostis domingensis* (Pers.) Steud., new to the, 71:479.
- United States, Erroneous record of *Diploaxis eruroides* from western, 55:291.
- United States, *Galinsoga ciliata* (Compositae): its arrival and spread in the northeastern, 72:386.
- United States, Identity of Witchweed in the southeastern, 68:167.
- United States, Intraspecific variation in chromosomes of *Sedum* in the southwestern, 74:301.
- United States, Mapping ranges of the trees of the, 53:195.
- United States, New *Elatine* (Elatinaceae) populations in the southeastern, 66:47.
- United States, Notes on *Festuca arundinacea* and *F. pratensis* in the, 70:564.
- United States, Notes on *Paspalum minus* and *Andropogon pertusus* in the, 66:273.
- United States, Notes on the cleistogamous species of *Polygala* in southeastern, 59:51.
- United States, *Paspalum fimbriatum* in the, 64:85.
- United States, *Phippsia algida* in the, 54:141.
- United States *Physalis*, Emendations in, 70:574.
- United States, *Pinguicula* (Lentibulariaceae) in the southeastern, 59:217.
- United States, *Potentilla procumbens* in the, 51:390.
- United States, Reappraisal of two plumose *Rhynchosporas* of the southeastern, 58:335.
- United States, Some floristic relationships between Mexico and the, 56:81.
- United States: taxonomic and floristic status, *Arthraxon hispidus* (Gramineae) in the, 73:39.
- United States, Taxonomy of the narrow-leaved *Vernonia* of the southeastern, 66:382.
- United States, The morphology and systematics of the *Audouinella* complex (Acrochaetiaceae, Rhodophyta) in northeastern, 75:529.
- United States, The genus *Lechea* (Cistaceae) in the southeastern, 63:103.
- United States, The occurrence of *Spirodela oligorrhiza* in the, 64:83.
- United States, Three new annual Sunflowers (*Helianthus*) from the southwestern, 60:272.
- United States tree names, Some notes on, 54:67.
- United States, Two new *Carices* from southeastern, 57:156.
- United States, Two species of *Chamaesyce* (Euphorbiaceae) new to the, 67:185.
- United States, Varieties of *Ballota nigra* in the eastern, 68:93.
- Unxia (Compositae, Heliantheae), *Greenmania*: a taxonomic synonym of, 73:291.
- UPHAM, ETHEL E.
Epipactis helleborine again, 51:162-164.
- Urbanization, *Lygodium palmatum* vs. 58:270.
- Utah, An undescribed species of *Astragalus* (Leguminosae) from, 72:189.
- Utah, Novelties in *Hermidium* (Nyctaginaceae) and *Astragalus* (Leguminosae) from eastern, 54:158.
- Utah, Tall Wheat-grass, a new roadside species in, 65:318.
- Utricularia biflora* and *U. fibrosa*, Notes on, 58:41.
- Utricularia cornuta* Michx. and *Utricularia juncea* Vahl, Germination and developmental morphology of seeds in, 73:541.
- Utricularia fibrosa*, Notes on *Utricularia biflora* and, 58:41.
- Utricularia juncea* Vahl, Germination and developmental morphology of seeds in *Utricularia cornuta* Michx. and, 73:541.

- UTTAL, LEONARD J.
Heterotheca subaxillaris on Long Island, New York, 56:182-183.
 A dark-hooded variant of *Asclepias amplexicaulis*, 57:336-337.
 Notes on *Utricularia biflora* and *U. fibrosa*, 58:41-43.
 Synthesis of *Aster herveyi*, 64:113-117, pl. 1267.
 (LONG, ROBERT W. and —), Some observations on flowering in *Ruellia* (Acanthaceae), 64:200-206.
 A hybrid population of *Claytonia* in Virginia, 66:136-139, pl. 1296.
 A defense of *Carex intumescens* var. *fernaldii*, 73:51-52.
- Uvularia, A new name for the puberulent sessile-leaved, 63:36.
- Uvularia in southern Ontario, Phytogeographic studies in Ontario. 1. The genus, 54:57.
- Uvularia (Liliaceae), A revision of the North American genus, 65:158.
- Vaccinium macrocarpon*, An albino fruited form of, 64:350.
- Vaccinium uliginosum*, On the taxonomy and distribution of, 72:439.
- VAN FAASEN, PAUL
 (— and STERK, FERN FRANK), Chromosome numbers in *Aster*, 75:26-33.
- VAN SCHAACK, GEORGE B.
Calamagrostis insperata in Missouri, 56:43.
- Vapor fractometry in the analysis of some New England Hops, The use of, 64:243.
- Variance in herbarium specimen identification and other considerations based upon the preparation of a local flora, 63:207.
- Variation, Temporal, 54:303.
- Vaucheria compacta* var. *koksoakenensis*, The type of, 60:329.
- Vaucheria* previously unknown from North America, Description, distribution and ecology of three species of, 60:283.
- Vaucheriae*, New England salt marsh, 70:274.
- VENARD, HASKELL
 A necessary transfer in *Liatris*, 51:34-35.
Ranunculus texensis Engelm. antedated by *R. laxicaulis* (T. & G.) Darby, 51:164-167.
 The white form of *Aster puniceus* var. *firmus*, 51:231-232.
- (DUNCAN, WILBUR H., — and MCDOWELL, G. W.), *Shortia galacifolia* from Georgia, 52:229-232, 1 map.
- Verbesina* (Compositae), A cytotoxic study in, 70:95.
- Verbesina* (Compositae) endemic to Florida, Nomenclatural clarification of two species of, 74:97.
- [Vermont], Vernon Black Gum Swamp, 72:280.
- Vermont, *Alisma gramineum* in, 70:577.
- Vermont, A new station for *Rhododendron maximum* in northern, 65:22.
- Vermont, *Cyperus feruginescens* in, 64:352.
- Vermont stations, The environment of *Schistostega pennati* (Hedw.) Hook. & Tayl.: new, 75:149.
- Vermont, The Flora of, [Review], 73:68.
- Vernon Black Gum Swamp, [Vermont], 72:280.
- Vernonia acaulis*, *V. glauca* and *V. noveboracensis* (Compositae), The taxonomy of, 72:145.
- Vernonia* (Compositae), Chromosome numbers in, 68:49.
- Vernonia* (Compositae), The systematic value of trichome complements in a North American group of, 75:517.
- Vernonia crinita* in Illinois, 59:119.
- Vernonia glauca* and *V. noveboracensis* (Compositae), The taxonomy of *Vernonia acaulis*, 72:145.
- Vernonia hybrid* in a disturbed habitat, An example of a, 70:486.
- Vernonia noveboracensis* (Compositae), The taxonomy of *Vernonia acaulis*, *V. glauca* and, 72:145.
- Vernonia* of the southeastern United States, Taxonomy of the narrow-leaved, 66:382.
- Vernonia*, White-flowered forms of *Liatris* and, 59:23.
- Veronica filiformis* a weed of lawns and gardens, 51:365.
- Viability of seed of the Black Locust, 58:26.
- Viburnum cassinoides*, Synonymy in *Viburnum obovatum* and, 52:179.
- Viburnum dentatum*, The diagnostic value of fresh mature drupes of *Viburnum recognitum* and, 70:288.
- Viburnum obovatum* and *V. cassinoides*, Synonymy in, 52:179.

- Viburnum recognitum* and *V. dentatum*, The diagnostic value of fresh mature drupes of, 70:288.
- Viburnum wurdackii*, a new Peruvian species, 71:554.
- Vicia* (Leguminosae) in Florida, A new species of, 60:256.
- Vinber and Vingland, The identity of, 53:244.
- Vinland the Good, A further note on the plants of, 54:289.
- Vinland, The identity of Vinber and, 53:244.
- Viola eriocarpa* vs. *V. pensylvanica*, 61:219.
- Viola palustris* in Arizona, 65:49.
- Viola pensylvanica*, *Viola eriocarpa* vs., 61:219.
- Viola rafinesquii*: nomenclature and native status, 63:327.
- Viola rafinesquii*, the only *Melanium* Violet native to North America, 66:32.
- Viola*, Studies of eastern American plants 2. Rhizome-characters in and minor forms of, 51:51.
- Violet native to North America, *Viola rafinesquii*, the only *Melanium*, 66:32.
- Virgin Islands, Annotated check-list of the Dicotyledons of Tortola, 69:385.
- Virgin Islands, Common trees of Puerto Rico and the, [Review], 67:93-94.
- Virgin Islands, Further changes and additions to the flora of Porto Rico and the, 69:372.
- Virgin Islands", Nomenclatural changes and additions to Britton and Wilson's "Flora of Porto Rico and the, 67:315.
- Virginia, A hybrid population of *Claytonia* in, 66:136.
- Virginia, A new Cruciferous weed, *Calepina irregularis* in, 59:278.
- Virginia, *Alternanthera* in, 59:239.
- Virginia and Maryland including the Chesapeake Bay area, The marine algae of, 75:258.
- Virginia, *Bunias erucago* in, 62:293.
- Virginia III. Collections made in southeastern Virginia by Bayard Long, Bryophytes of, 53:117.
- Virginia, *Diervilla sessilifolia* in, 51:60.
- Virginia flora, New and overlooked species of the, 72:272.
- Virginia, *Helenium curtisii* in, 51:303.
- Virginia, *Isotria medeoloides* on the Piedmont of, 71:303.
- Virginia location of *Shortia galacifolia*, Remarks on the, 61:297.
- Virginia, Note on *Cimicifolia rubifolia* Kearney in, 66:135.
- Virginia, Noteworthy Hepaticae from, 59:251.
- Virginia, Phytogeography of the Carices of, 75:248.
- Virginia plants, Notes on four, 51:12.
- Virginia, The Blessed Thistle in, 62:233.
- Virginia, The mountain element in the flora of the peninsula of, 67:393.
- Virginia, *Tussilago farfara* L. (Senecioneae-Asteraceae) in, 74:403.
- Virginia with notes on the two *Pignuts*, *Carya glabra* and *C. ovalis*, A key to the Hickories north of, 52:188.
- Vitis riparia*, A culinary use for the leaf of, 52:225.
- VOGELMAN, H. W.
Chromosome number in some American farinose *Primulas* with comments on their taxonomy, 62:31-42, 15 figs.
(— and CHARETTE, L. A.), A new station for *Rhododendron maximum* in northern Vermont, 65:22-25, 1 map.
- VOIGT, JOHN W.
Additional collections of *Andropogon elliottii* in southern Illinois, 53:128-130, 1 fig.
A technique for morphological analysis in population studies, 54:217-220, 2 figs.
Plants recently found in southern Illinois, 55:290-291.
Southern Illinois flora: recent additions, 57:159-160.
(— and SWAYNE, JULIUS R.), French's Shooting Star in southern Illinois, 57:325-332, 3 figs.
(MOHLENBROCK, ROBERT H. and —), Contributions to the flora of southern Illinois, 59:125-128.
(MOHLENBROCK, ROBERT H. and —), New plant records from Illinois, 62:239-241.
- VOSS, EDWARD G.
(— and WILSON, JANES S.), Clarence R. Hanes, 58:272-273.
Which side is up? A look at the leaves of *Oryzopsis*, 63:285-287.
Nomenclatural notes on Monocots, 68:435-463.

- WAGENKNECHT, BURDETTE L.
 Note on *Elaeagnus commutata*, 62:29.
 Revision of *Heterotheca*, section *Heterotheca* (Compositae), 62:61-76, 97-107.
- WAGNER, WARREN H., JR.
 (— and HAGENAH, DALE J.), A natural hybrid of *Polystichum lonchitis* and *P. acrostichoides* from the Bruce Peninsula, 56:1-6, 1 fig., pl. 1198.
 Cytotaxonomic observations of North American ferns, 57:219-240, 2 tabs., 33 figs.
 (— and HAGENAH, DALE J.), A diploid variety in the *Cystopteris fragilis* complex, 58:79-87, 1 fig., pl. 1224.
 (— and BEALS, T. F.), Perennial Ragweeds (*Ambrosia*) in Michigan, with the description of a new intermediate taxon, 60:177-204, 4 figs., pl. 1234.
 The hybrid Ragweed, *Ambrosia artemisiifolia* × *trifida*, 60:309-316, 2 figs.
 Roots and the taxonomic differences between *Botrychium oneidense* and *B. dissectum*, 63:164-175, 1 fig., pls. 1259-1261.
 (EVANS, A. MURRAY and —), *Dryopteris goldiana* × *intermedia* — a natural Wood-fern cross of noteworthy morphology, 66:255-266, 2 figs., pls. 1302-1303.
 New data on North American Oak Ferns, *Gymnocarpium*, 68:121-138, 3 figs., pls. 1328-1329.
- WAGNON, H. KEITH
 Nomenclatural changes in *Bromus*, 52:209-215.
- WALKER, JAMES W.
 The evolution and classification of Flowering plants by Arthur Cronquist, [Review], 70:422-428.
 Validation of *Reedrollinsia Walker* (Annonaceae), 73:461.
- WALLIS, CHARLES S.
Erigenia, a genus new to Oklahoma, 66:311-312.
- Wallpaper cleaner in the herbarium, 61:147.
- WALTER's Flora Caroliniana, The binomials of *Helenium* in, 58:311.
- WARD, DANIEL B.
 The genus *Anonymos* and its nomenclatural survivors, 64:87-92.
 Southeastern limit of *Chamaecyparis thyoides*, 65:359-363.
 Southeastern limit of *Fagus grandifolia*, 69:51-54.
- WARE, STEWART
 A new *Talinum* (Portulacaceae) from the Cedar Glades of middle Tennessee, 69:466-475, 2 figs.
- Warea (Cruciferae), Nomenclatural and taxonomic corrections in, 66:18.
- Washington, Contributions to the flora of, 72:496.
- Washington, D. C. area, Notes on two adventive plants of the, 52:183.
- WASSHAUSEN, DIETER C.
 A synopsis of the genus *Suessen-guthia* (Acanthaceae), 72:119-125, 2 figs.
- Watercress in the New World, 64:32.
- WATERFALL, UMALDY T.
 Some results of a summer's botanizing in Oklahoma, 51:18-28.
 A new species of *Sarcostemma* from Oklahoma, 51:58-59, 2 figs.
 Some additions to the Oklahoma flora, 52:19-24, 35-41.
 Some results of a third summer's botanizing in Oklahoma, 52:165-175.
 More additions to the Oklahoma flora, 53:130-133.
 Further studies of the Oklahoma flora, 54:125-131.
 Notes concerning *Juncus coriaceus*, 54:193.
 The identity of *Hedyotis rosea* Raf., 55:201-203.
 A new species of *Carex* (section *Phyllostachyae*) from Oklahoma, 56:21-23.
 Studies in the composition and distribution of the Oklahoma flora — XXI., 56:157-162.
 A new radiate *Hymenopappus* from Mexico, 59:96-97.
 A taxonomic study of the genus *Physalis* in North America north of Mexico, 60:107-114, 128-142, 152-173.
Separotheca, a new genus (Comelinaceae) from Mexico, 61:136-139.
 A revision of *Eucnide*, 61:231-243.
 Changes in status and new combinations for certain taxa in the Oklahoma flora, 62:319-321.

- Physalis in Mexico, Central America and the West Indies, 69:82-120, 203-239, 319-329.
 A new species of Physalis from the Galapagos Islands, 70:408-409.
 Emendations in United States Physalis, 70:574-576.
 Monarda stipitatoglandulosa, a new species from Oklahoma, 72:502-504.
 New taxa, combinations and distribution records for the Oklahoma flora, 73:552-555.
 New species of Cuscuta and Phlox from Oklahoma, 73:575-577.
 [(1910-1971)], [Biographical sketch], 75:146-149.
 Water-Horehound) in North America, Distributional history of Lycopodium europaeus (European, 72:351.
- WATSON, J. RAY, JR.
 (— and ROGERS, KEN E.), Eriogonum harperi Goodman in Tennessee, 74:154.
 Rhipidophyllum hystrix in Mississippi, 74:525.
- WEATHERBY, CHARLES ALFRED
 [Death of,], [Notice], 51:152.
 —, botanist and helper of botanists (with portrait), 51:169-179.
 [Bibliography of,] 51:179-191.
- WEATHERBY, UNA F.
 An old local herbarium of New Salem, Massachusetts, 54:80-82.
- WEBBER, EDGAR E.
 Observations on the epidermal structure and stomatal apparatus of some members of the Araceae, 62: 251-258, 7 figs.
 A list of algae from selected areas in Massachusetts, 63: 275-281.
 Nostoc parmelioides in Massachusetts, 64:358-360.
 A rare blue-green alga from Massachusetts, 66:163-164, 1 fig.
 Flagellates and Desmids new to Massachusetts, 69:55-58, 6 figs.
 New England salt marsh Vaucheriae, 70:274-277, 6 figs.
 Seasonal occurrence and ecology of salt marsh phanerogams at Ipswich, Massachusetts, 70: 442-450.
 Observations on Microcoleus lyngbyaceus (Kütz.) Crouan from marine habitats in New England, 73:238-243.
 (— and WILCE, R. T.), Benthic salt-marsh algae at Ipswich, Massachusetts, 73:262-291, 2 figs.
 (— and WILCE, R. T.), The ecology of benthic salt-marsh algae at Ipswich, Massachusetts I. Zonation and distribution of algal species, 74:475-488, 1 fig.
- WEBER, WILLIAM A.
 Phippsia algida in the United States, 54:141-145.
 A new intergeneric hybrid involving Oryzopsis and Stipa (Gramineae), 59:273-277, pl. 1230.
 Rediscovery of the genus Neoparrya Mathias (Umbelliferae), 60:265-271.
- WEBSTER, GRADY L.
 (— and MILLER, KIM I.), The genus Reverchonina (Euphorbiaceae), 65:193-207, 6 figs.
 (MILLER, KIM I. and —), A preliminary revision of Tragia (Euphorbiaceae) in the United States, 69:241-305, 25 figs., 10 maps, pl. 1356.
- WEEDON, RONALD R.
 (— and STEPHENS, H. A.), Cyperus fuscus in Nebraska and South Dakota, 71:433.
 (MCGREGOR, RONALD L., MAGRATH, LAWRENCE K. and —), New and interesting plants from the Great Plains, 74:378-388.
- WELLS, JAMES R.
 (FISHER, T. RICHARD and —), Heteromorphic pollen grains in Polymnia, 64:336-340, pl. 1273.
 A review of the varieties of Polymnia uvedalia, 71:204-211, 1 fig., pl. 1413.
- WELLS, THEODORE W.
 A new form of Myrica pensylvanica, 70:453.
- WELSH, STANLEY L.
 An undescribed species of Astragalus (Leguminosae) from Utah, 72:189-193, 4 figs.
- West, Contemporary notes on Powell's expeditions in the, [Review], 63: 179.
- West Indies, An additional species of the Lichen genus Buellia from the, 57:323.

- West Indies, *Physalis* in Mexico, Central America and the, 69:82, 203, 319.
- West Virginia, Some grasses new to, 51:106.
- Western Hemisphere, *Edgeworthia* (Thymelaeaceae) new to the, 74:436.
- Western Hemisphere, The genus *Coriaria* (Coriariaceae) in the, 74:242.
- Western Plains plants in northern Illinois, 64:354.
- WESTING, ARTHUR H.
Needle number in Red Pine, 66:27-31.
- Wheatgrass, a new roadside species in Utah, Tall, 65:318.
- Wheatgrasses, New names for Wyoming, 54:195.
- WHEELER, LOUIS CUTTER
Typification of *Euphorbia maculata*, 62:134-141.
- White Pine, An unusual station for Eastern, 51:393.
- WHITE, W. LAWRENCE
Thallophytes and Bryophytes of the Canadian Eastern Arctic, [Review], 52:251-252.
Edible Mushrooms, [Review], 54:120.
- WICKS, JOHONET C.
Some morphological aids in distinguishing *Nuphar microphyllum* from similar aquatics, 75:65-74, 4 figs.
- WILBUR, ROBERT L.
An undescribed dwarf species of *Amorpha* from Georgia, 56:261-265, 6 figs.
A revision of the North American genus *Sabatia* (Gentianaceae), 57:1-33, 43-71, 78-104, 16 maps.
A new name for the puberulent sessile-leaved *Uvularia*, 63:36-39.
(— and DAUD, HAZIN S.), The genus *Lechea* (Cistaceae) in the southeastern United States, 63:103-118, 10 figs., 10 maps.
Nomenclatural notes on two southeastern *Rhynchosias*, 64:60-62.
A revision of the North American genus *Uvularia* (Liliaceae), 65:158-188, 6 figs.
Notes on the genus *Diamorpha* (Crassulaceae), 66:87-92, 1 map.
(DAUD, HAZIN S. and —), A revision of the North American species of *Helianthemum* (Cistaceae), 67:63-82, 201-216, 255-312, 17 maps, 1 fig.
Notes on Rafinesque's species of *Lechea* (Cistaceae) 68:192-208.
The identity of *Psoralea multijuga* Ell. (Leguminosae), 69:48-50.
(— and PERRY, JAMES D.), Palynological notes on American species of *Helianthemum* (Cistaceae), 69:184-194, pls. 1353-1354.
The status of *Hedyotis procumbens* var. *hirsuta* (Rubiaceae), 70:306-311, 2 maps.
Infraspecific classification in the Carolina flora, 72:51-65, 1 map.
- WILCE, R. T.
(BLUM, JOHN L. and —), Description, distribution and ecology of three species of *Vaucheria* previously unknown from North America, 60:283-288, 17 figs.
(— and BLUM, JOHN L.), The type of *Vaucheria compacta* var. *koksoakensis*, 60:329.
(WEBBER, EDGAR E. and —), Benthic salt-marsh algae at Ipswich, Massachusetts, 73:262-291, 2 figs.
(WEBBER, EDGAR E. and —), The ecology of benthic salt-marsh algae at Ipswich, Massachusetts I. Zonation and distribution of algal species, 74:475-488, 1 fig.
- Wildflower guide, A new, [Review], 71:107.
- Willow-Herb) in North America, Distributional history of *Epilobium hirsutum* (Great Hairy, 72:164.
- Willow hybrids: *Salix hebecarpa* Fernald and *S. simulans* Fernald, 52:8.
- WILSON, G. B.
(MÜHLING, GABRIELE N. and —), The chromosomes of *Podophyllum peltatum*, 63:267-275, pls. 1262-1264.
- WILSON, JAMES S.
(VOSS, EDWARD G. and —), Clarence R. Hanes, 58:272-273.
- WILSON, KENNETH A.
Typification of the genus *Forestiera* (Oleaceae), 60:327-328.
- Wind and the winter-exposed plant, 74:528.
- Winter-exposed plant, Wind and the, 74:528.

- WINTERRIGER, GLEN S.
Salicornia europaea in Illinois, 51:11-12.
 Flowering *Arundinaria gigantea* in Illinois, 54:82-83.
 Additional notes on *Arundinaria gigantea*, 55:60.
Breweria pickeringii in Illinois, 56:274-275.
 Notes on *Collinsia violacea*, 58:308-309.
Arctium in Illinois, 59:44.
 Plant notes from Illinois, 60:41-43.
 Notes on Cyperaceae from Illinois, 61:290-292.
Eragrostis curvula from Illinois, 63:148.
Zizaniopsis miliacea from Illinois, 64:283-284.
 A recent Illinois collection of *Sanguisorba canadensis* L., 65:80-81.
 Notes on *Papaver dubium* and *Camassia angusta*, 66:16-17.
 Aquatic vascular plants new for Illinois, 68:221-222.
- WINTERS, HAROLD F.
 (— and SCHWEINFURTH, CHARLES), Some additions to the Orchid flora of Puerto Rico, 58:290-292.
- Wisconsin, Discovery of the Massachusetts Fern in, 67:399.
- Wisconsin, *Elymus arenarius* and *Diarrhena americana* in, 62:199.
- Wisconsin, Records on the flora of, 73:60; 74:156.
- Wisconsin, The intergradation of *Senecio plattensis* and *Senecio pauperculus* in, 65:65.
- Wisconsin, *Tiarella cordifolia* in, 58:309.
- WISE, DAVID A.
 The flora of Isle au Haut, Maine, 72:505-532.
- Witchweed in the Southeastern United States, Identity of, 68:167.
- WOELKERLING, WILLIAM J.
 Studies on the *Audouinella microscopica* (Naeg.) Woelk. complex (Rhodophyta), 74:85-96, 14 figs.
 Some algal invaders of the northwestern fringes of the Sargasso Sea, 74:295-298.
 The *Audouinella* complex (Rhodophyta) in the western Sargasso Sea, 75:78-101, 8 figs.
- The morphology and systematics of the *Audouinella* complex (Acrochaetiaceae, Rhodophyta) in northeastern United States, 75:529-621, 83 figs.
- WOLFE, L. P., JR.
 (— and HODGDON, ALBION R.), A new form of *Rubus allegheniensis*, 53:30-32.
- Wolffia columbiana* in Methuen, Massachusetts, 53:272.
- Wolffia* in New Hampshire, 70:491.
- Wolffia papulifera* in Texas, 54:306.
- WOMERSLEY, J. S.
 Paraformaldehyde as a source of formaldehyde for use in botanical collecting, 59:299-303.
- WOOD, CARROLL E., JR.
 The American barbistyled species of *Tephrosia* (Leguminosae), 51:193-231, 233-302, 305-364, 369-384, pls. 1152-1155.
 Evidence for the hybrid origin of *Drosera anglica*, 57:107-130, 63 figs.
 (— and GODFREY, R. K.), *Pinguicula* (Lentibulariaceae) in the southeastern United States, 59:217-230, 31 figs.
- WOOD, R. D.
 Monographic studies on the Characeae. I. Emendation of *Nitella morongii*, 51:13-18, pl. 1119.
 (KOETZNER, KENNETH and —), On the marine algae of Kent Island, Bay of Fundy, 74:264-271.
- Wood-fern cross of noteworthy morphology, *Dryopteris goldiana* × *intermedia* — a natural, 66:255.
- Wood-Ferns (*Dryopteris*) in eastern North America, The spores of four species of *Spinulose*, 70:340.
- WOODS, FRANK W.
 The genus *Ilex* in Tennessee, 53:229-240, 1 fig.
Ilex glabra forma *leucocarpa*; a white-fruited holly, 58:25-26, pl. 1222.
- WOOTEN, JEAN W.
 (— and CLEWELL, ANDRÉ F.), *Fleischmannia* and *Conoclinium* (Compositae, Eupatorieae) in eastern North America, 73:566-574, 4 figs.
- WRIGHT, J. C.
 (BOOTH, W. E. and —), Montana plant distribution records, 55:236-238.



- WUNDERLIN, R. P.
A white flowered form of *Bauhinia coulteri* from Tamaulipas, Mexico, 70:286-287.
Solidago gymnospermoides in Illinois, 70:287-288.
Wyoming, *Draba* on Clay Butte, 55:229.
Wyoming Wheatgrasses, New names for, 54:195.
- Xanthocephalum* (Compositae), Synopsis of the genus, 63:151.
Xanthocephalum (Compositae), The status of the genera *Amphipappus*, *Amphiachyris*, *Greenella*, *Gutierrezia*, *Gymnosperma* and, 62:43.
Xanthocephalum (Compositae), The typification of, 67:182.
- XAVIER, K. S.
(— and ROGERS, C. MARVIN), Pollen morphology as a taxonomic tool in *Linum*, 65:137-145, 8 figs.
Ximenia (Olacaceae), Parasitism in, 71:439.
Xyris in Florida, Omissions in key to, 63:205.
Xyris in Florida, The genus, 62:295.
- YATES, IDA E.
(— and DUNCAN, WILBUR H.), Comparative studies of *Smilax*, section *Smilax*, of the southeastern United States, 72:289-312, 18 figs.
- Yellow Lady's Slipper Orchid, *Cypripedium calceolus* L. subsp. *parviflorum* (Salisb.) Hult., from Alaska, New record for the, 75:491.
- Yonkers wool mill plant records, 58:43.
- YOUNG, ALVIN
(BEETLE, ALAN A. and —), A third subspecies in the *Artemisia tridentata* complex, 67:405-406.
- YOUNG JR's Flora of Maine, Further light on AARON, 55:293.
- YOUNG, STEVEN B.
Additions to the flora of Saint Lawrence Island, Alaska, 71:502-509.
On the taxonomy and distribution of *Vaccinium uliginosum*, 72:439-459, 6 figs.
Juncus slwookoörum, a new species from Arctic Alaska, 72:486-488, 1 fig.
(— and SCHOFIELD, EILEEN K.), Palynological evidence for the late glacial occurrence of *Pringlea* and *Lyallia* on Kerguelen Islands, 75:239-247, 4 figs.
- YOUNGBERG, ALV DAN
Salix starkeana in North America, 72:548-550.
- ZAVITZ, C. HAROLD
(— and GAISER, LULU O.), Notes on *Triphora trianthophora* in Ontario, 58:31-35.
Zephyranthes from southern Texas, A new, 63:214.
- ZIMMERMANN, MARTIN H.
(LAMB, I. MACKENZIE and —), Marine vegetation of Cape Ann, Essex County, Massachusetts, 66:217-254, 7 figs., pls. 1298-1301.
- Zinnia* and *Sanvitalia*, New chromosome numbers in, 68:215.
Zizania aquatica L., Note on the varieties of, 52:34.
Zizaniopsis miliacea from Illinois, 64:283.
Zoochlorella conductrix occurring in New Brunswick symbiotically with *Ophrydium*, 51:4.
Zoology on botanical nomenclature, Sidelights from, 52:156.
- ZUBRIN, W. J. L.
(COLT, L. C. JR., HELLQUIST, C. BARRE and —), An interesting association of rare aquatic plants from New Hampshire, 73:296-299.
(Zygophyllaceae), Interactions between *Apis mellifera* (Hymenoptera: Apidae) and *Tribulus cistoides*, 74:117.