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The Families and Genera of Vascular Plants of the Conterminous United States

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THE FAMILIES AND GENERA OF VASCULAR PLANTS IN THE CONTERMINOUS UNITED STATES

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LYCOPHYTES

Isoëtaceae
Isoëtes

Lycopodiaceae
Dendrolycopodium
Diphasiastrum
Huperzia
Lycopodiella
Lycopodium
Pseudolycopodiella
Phlegmariuris
Spinulinum

Selaginellaceae
Selaginella

FERNS

Anemiaceae
Anemia

Aspleniaceae
Asplenium

Athyriaceae
Athyrium

Blechnaceae
Blechnum
Stenochlaena
Struthiopteris
Woodwardia

Cyathaeaceae
Spheropteris

Cystopteridaceae
Cystopteris

Dennstaedtiaceae
Dennstaedtia
Hypolepis
Pteridium

Diplaziopsidaceae
Homalosorus

Dryopteridaceae
Arachnoides
Ctenitis
Cyrtomium
Deparia
Diplazium
Dryopteris
Gymnocarpium
Matteuccia
Phanerophlebia
Polystichum
Rumohra

Equisetaceae
Equisetum

Gleicheniaceae
Dicranopteris

Grammitidaceae
Grammitis

Hymenophyllaceae
Crepidomanes
Didymoglossum
Hymenophyllum
Trichomanes
Vandenboschia

Lindsaeaceae

Odontosoria

Lomariopsidaceae
Lomariopsis

Lygodiaceae
Lygodium

Marsileaceae
Marsilea
Pilularia

Nephrolepidaceae
Nephrolepis

Onocleaceae
Onoclea

Ophioglossaceae
Botrychium
Botrypus
Cheiroglossa
Ophioglossum
Sceptridium

Osmundaceae
Osmunda
Osmundrastrum

Polypodiaceae
Campyloneurum
Drynaria
Microgramma
Micropolypodium
Neurodium
Pecluma
Phlebodium
Phymatosorus
Platynerium
Pleopeltis
Polypodium

Serpocaulon

Psilotaceae
Psilotum

Pteridaceae
Acrostichum
Adiantum
Argyrochosma
Aspidotis
Astrolepis
Bommeria
Ceratopteris
Cheilanthes
Cryptogramma
Gaga
Llavea
Myriopteris
Notholaena
Pellaea
Pentagramma
Pityrogramma
Pteris
Vittaria

Salviniaceae
Azolla
Salvinia

Schizaeaceae
Actinostachys
Schizaea

Tectariaceae
Tectaria

Thelypteridaceae
Amblovenatum
Christella
Cyclosorus
Macrothelypteris

Parathelypteris
Phegopteris
Stegnogramma
Thelypteris

Woodsiaceae
Woodsia

GYMNOSPERMS

Araucariaceae
Araucaria

Cupressaceae
Callitris

Callitropsis
Calocedrus
Chamaecyparis
Cryptomeria
Cunninghamia
Cupressus
Juniperus
Metasequoia
Platycladus
Sequoia
Sequoiadendron
Taxodium
Thuja

Cycadaceae
Cycas

Ephedraceae
Ephedra

Ginkgoaceae
Ginkgo

Pinaceae
Abies
Cedrus
Larix
Picea
Pinus
Pseudolarix
Pseudotsuga
Tsuga

Podocarpaceae
Podocarpus

Taxaceae
Cephalotaxus
Taxus
Torreya

Zamiaceae
Zamia

**FLOWERING
PLANTS**

Acanthaceae

Acanthus
Andrographis
Aniscanthus
Aphelandra
Asystasia
Barleria
Barleriola
Carlowrightia
Dicliptera
Dyschoriste
Elyraria
Eranthemum
Graptophyllum
Hemigraphis
Henrya
Hygrophila
Hypoestes
Justicia
Nelsonia
Nomaphila
Odontonema
Pseuderanthemum
Ruellia
Stenandrium
Tetramerium
Thunbergia
Yeatesia

Aceraceae
Acer

Achatocarpaceae
Phaulothamnus

Acoraceae
Acorus

Actinidiaceae
Actinidia

Adoxaceae
Adoxa

Aizoaceae
Aptenia
Carpobrotus
Conicosia
Cypselea
Delosperma

Drosanthemum
Galenia
Lampranthus
Malephora
Mesembryanthemum
Sesuvium
Tetragonia
Trianthema

Alismataceae

Alisma
Baldellia
Damasonium
Echinodorus
Sagittaria

Altingiaceae
Liquidambar

Amaranthaceae

Achyranthes
Allenrolfea
Alternanthera
Amaranthus
Aphanisma
Arthrocnemum
Atriplex
Axyris
Bassia
Beta
Blitum
Blutaparion
Camphorosma
Celosia
Chenopodiastrum
Chenopodium
Corispermum
Cycloloma
Digera
Dysphania
Enchylaena
Extriplex
Froelichia
Gomphrena
Gossypianthus
Grayia
Guilleminea
Halogeton
Hermbstaedtis
Iresine
Lipandra
Micromonolepis
Monolepis
Neokochia
Nitrophila
Oxybasis
Polysnemum

Proatriplex
Salicornia
Salsola
Spinacia
Stutzia
Suaeda
Suckleya
Tidestromia

Amaryllidaceae

Agapanthus
Allium
Amaryllis
Clivia
Crinum
Galanthus
Hippeastrum
Hymenocallis
Leucojum
Narcissus
Nothoscordum
Pancratium
Tristagma
Zephyranthes

Anacampserotaceae

Talinopsis

Anacardiaceae

Cotinus
Lithrea
Malosma
Mangifera
Metopium
Pistacia
Rhus
Schinus
Searsia
Sorindeia
Spondias
Toxicodendron

Annonaceae

Annona
Asimina
Deeringothamnus
Polythia

Apocynaceae

Allamanda
Alstonia
Amisonia
Angadenia
Apocynum
Araujia
Asclepias
Calotropis

Carissa	Xanthosoma	Tritelopsis	Pithecoctenium
Catharanthus	Zantedeschia	Yucca	Podranea
Cryptosegia			Pyrostegia
Cycladenia	Araliaceae	Asphodelaceae	Radermachera
Cynamchum	Aralia	Aloë	Spathodea
Echites	Eleurotherococcus	Asphodelus	Tabebuia
Funastrum	Hedera	Bulbine	Tecoma
Gonolobus	Kalopanax	Dianella	Tecomaria
Haplophyton	Oplopanax	Hemerocallis	
Mandevilla	Panax	Kniphofia	Bixaceae
Matelea	Polyscias	Phormium	Amoreuxia
Metaplexis	Schleffera		
Nerium	Tetrapanax	Avicenniaceae	Bombacaceae
Ochrosia		Avicennia	Ochroma
Pentalinon	Aristolochiaceae		
Periploca	Aristolochia	Balsaminaceae	Boraginaceae
Plumeria	Asarum	Impatiens	Amsinckia
Rauvolfia	Hexastylis		Anchusa
Rhabdadenia		Basellaceae	Antiphytum
Tabernaemontana	Asparagaceae	Anredera	Argusia
Telosiphon	Agave	Basella	Asperugo
Thevetia	Androstephium		Borago
Thyrsanthella	Anthericum	Bataceae	Bothriospermum
Trachelospermum	Asparagus	Batis	Bourreria
Vallesia	Bloomeria		Brunnera
Vinca	Brodiaea	Begoniaceae	Buglossoides
	Camassia	Begonia	Carmona
Apodanthaceae	Chlorogalum		Cerinthe
Pilostyles	Convallaria	Berberidaceae	Cryptantha
	Cordyline	Achlys	Cynoglossum
Aponogetonaceae	Danea	Berberis	Cynoglottis
Aponogeton	Dasyliirion	Caulophyllum	Dasynotus
	Dichelostemma	Diphylleia	Echium
Aquifoliaceae	Dipterostemon	Epimedium	Eremocarya
Ilex	Eucomis	Jeffersonia	Eritrichium
Nemopanthus	Furcraea	Mahonia	Greeneocharis
	Hastingsia	Nandina	Hackelia
Araceae	Hesperaloë	Podophyllum	Harpagonella
Aglaonema	Hesperocallis	Vancouveria	Johnstonella
Alocasia	Hesperoyucca		Lappula
Arisaema	Hooveria	Betulaceae	Lithodora
Arum	Hosta	Alnus	Lithospermum
Caladium	Hyacinthoides	Betula	Macromeria
Calia	Hyacinthus	Carpinus	Mertensia
Calocasia	Leucocrinum	Corylus	Myosotis
Cryptocoryne	Maianthemum	Ostrya	Nonea
Dieffenbachia	Manfreda		Omphalodes
Epipremum	Muilla	Bignoniaceae	Oreocarya
Lysichiton	Muscari	Amphitecna	Pectocarya
Monstera	Nolina	Bignonia	Pentaglossis
Orontium	Ornithogalum	Campsis	Plagiobothrys
Peltandra	Phormium	Catalpa	Pulmonaria
Philodendron	Polygonatum	Chilopsis	Symphytum
Pinellia	Ruscus	Crescentia	Trigonotis
Pistia	Sansevieria	Cydista	
Symplocarpus	Scilla	Jacaranda	Bromeliaceae
Syngonium	Triteleia	Macfadyena	Ananas

Billbergia	Neolloydia	Cannaceae	Scopulophila
Bromelia	Nopalea	Canna	Silene
Catopsis	Opuntia	Capparaceae	Spergula
Dyckia	Pediocactus	Atamisquea	Spergularia
Guzmania	Peniocereus	Capparis	Stellaria
Hechtia	Pilosocereus	Cynophalla	Stipulicida
Tillandsia	Rhipsalis	Quadrella	Vaccaria
Buddlejaceae	Sclerocactus	Caprifoliaceae	Velezia
Buddleja	Selenicereus	Abelia	Casuarinaceae
Emorya	Stenocereus	Diervilla	Casuarina
Burmanniaceae	Thelocactus	Kolkwitzia	Celastraceae
Apteria	Callitrichaceae	Leycesteria	Canotia
Burmannia	Callitriche	Linnaea	Celastrus
Thismia	Calophyllaceae	Lonicera	Crossopetalum
Burseraceae	Calophyllum	Symphoricarpos	Elaeodendron
Bursera	Mammea	Triosteum	Euonymus
Butomaceae	Calycanthaceae	Weigela	Gyminda
Butomus	Calycanthus	Caricaceae	Maytenus
Buxaceae	Calyceraceae	Carica	Mortonia
Buxus	Acicarpha	Caryophyllaceae	Parnassia
Pachysandra	Campanulaceae	Achyronychia	Paxistima
Cabombaceae	Asyneuma	Agrostemma	Schaefferia
Brasenia	Campanula	Arenaria	Celtidaceae
Cabomba	Campsnulastrum	Atocion	Celtis
Cactaceae	Downingia	Cardionema	Trema
Acanthocereus	Gadellia	Cerastium	Ceratophyllaceae
Ancistrocactus	Githopsis	Cherleria	Ceratophyllum
Anocarpus	Heterocodon	Corrigiola	Cercidiphyllaceae
Astrophytum	Hippobroma	Dianthus	Cercidiphyllum
Bergerocactus	Howellia	Drymaria	Cervantesiaceae
Carnegiea	Jasione	Eremogone	Pryularia
Cereus	Laurentia	Eudianthe	Chrysobalanaceae
Consolea	Legenere	Geocarpon	Chrysobalanus
Coryphantha	Legousia	Gypsophila	Licania
Cylindropuntia	Lobelia	Herniaria	Cistaceae
Echinocactus	Nemacladus	Holosteum	Cistus
Echinocereus	Palmerella	Honckenya	Crocanthemum
Echinomastus	Phyteuma	Illecebrum	Halimium
Epiphyllum	Platycodon	Lepyrodielis	Hudsonia
Epithelantha	Porterella	Loeflingia	Lechea
Escobaria	Triodanis	Lychnis	Tuberaria
Ferocatus	Wahlenbergia	Minuartia	Cleomaceae
Glandulicactus	Canellaceae	Moehringia	Arivela
Grusonia	Canella	Moenchia	Carsonia
Hamatocactus	Cannabaceae	Myosoton	Cleome
Harrisia	Cannabis	Paronychia	Cleomella
Hylocereus	Humulus	Petrorrhagia	Cleoserrata
Lophocereus	Cannabaceae	Polycarpaea	Gymantropsis
Lophophora	Cannabis	Polycarpon	
Mammillaria	Humulus	Pseudostellaria	
		Sagina	
		Saponaria	
		Scleranthus	

Hemiscola	Anisocarpus	Carphochaete	Dicoria
Oxystylis	Anisocoma	Carthamus	Dicranocarpus
Peritoma	Antennaria	Castalis	Dieteria
Polanisia	Anthemis	Centaurea	Dimeresia
Tarenaya	Antheropeas	Centipeda	Dimorphotheca
Wislizenia	Aphanostephus	Centratherum	Dittrichia
Clethraceae	Arctium	Centromadia	Doellingeria
Clethra	Arctotheca	Chaenactis	Doronicum
Colchicaceae	Arctotis	Chaetadelpha	Dracopis
Alstroemeria	Argyranthemum	Chaetopappa	Dysodiopsis
Colchicum	Arnica	Chamaechaenactis	Dyssodia
Gloriosa	Arnoglossum	Chamaemelum	Eastwoodia
Uvularia	Arnoseris	Chaptalia	Eatonella
Combretaceae	Artemisia	Chloracantha	Echinacea
Bucida	Asanthus	Chondrilla	Echinops
Conocarpus	Askellia	Chromolaena	Eclipta
Lumnitzera	Aster	Chorisiva	Egletes
Quisqualis	Astranthium	Chromolaena	Elephantopus
Terminalis	Atrichoseris	Chrysctinia	Emilia
Commelinaceae	Baccharis	Chrysanthemoides	Encelia
Callisia	Bahia	Chrysogonum	Enceliopsis
Commelina	Bahiopsis	Chrysoma	Engelmannia
Gibasis	Baileya	Chrysopsis	Enydra
Murdannia	Balduina	Chrysothamnus	Ericameria
Tinantia	Balsamorhiza	Cichorium	Erigeron
Tradescantia	Barkleyanthus	Cirsium	Eriophyllum
Compositae	Bartlettia	Cladanthus	Eucephalus
(Asteraceae)	Bebbia	Clappia	Euchiton
Acamptopappus	Bellis	Columbiadoria	Eupatorium
Acanthospermum	Benitoa	Condylidium	Euphrosyne
Achillea	Berkheya	Conoclinium	Eurybia
Achyrachaena	Berlandiera	Constancea	Euryops
Acmella	Bidens	Conyza	Euthamia
Acourtia	Biglowia	Coreocarpus	Eutrochium
Acroptilon	Blennosperma	Coreopsis	Facelis
Adenocaulon	Blepharipappus	Coreopsis	Filago
Adenophyllum	Blepharizonia	Corethrogyne	Flaveria
Ageratina	Blumea	Cosmos	Fleischmannia
Ageratum	Boltonia	Cota	Florestina
Agnorhiza	Borrchia	Cotula	Flourensia
Agoseris	Bradburia	Crassocephalum	Flyriella
Almutaster	Brickellia	Crepis	Gaillardia
Amberboa	Brickelliastrum	Crocidium	Galinsoga
Amblyolepis	Brintonia	Croptilon	Gamochaeta
Amblyopappus	Cacaliopsis	Crupina	Garberia
Ambrosia	Calendula	Cuniculotinus	Gazania
Ampelaster	Callistephus	Cyanthillium	Geraea
Amphiachyris	Calotis	Cyclachaena	Gerbera
Amhipappus	Calycadenia	Cymophora	Glebionis
Anacyclus	Calycoseris	Cynara	Glossocardia
Anaphalis	Calyptocarpus	Dahlia	Glyptopleura
Ancistrocarphus	Canadanthus	Decaneuropsis	Gnaphalium
	Carduus	Deinandra	Gochnatia
	Carlina	Delairea	Grindelia
	Carlquistia	Delwiensia	Guardiola
	Carminatia	Diaperia	Guizotia
	Carphephorus	Dichaetophora	Gundlachia

Gutierrezia	Lasianthaea	Packera	Reichardia
Gymnosperma	Lasiospermum	Palafoxia	Rhagadiolus
Gymnostyles	Lasthenia	Pallenis	Rhaponiticum
Gynura	Launaea	Panphalea	Rhodanthe
Haplocarpha	Layia	Parasenecio	Rigiopappus
Haploesthes	Leibnitzia	Parthenice	Roldana
Harmonia	Leontodon	Parthenium	Rudbeckia
Hartwrightia	Lepidospartum	Pascalina	Rugelia
Hasteola	Lessingia	Pectis	Sachsia
Hazardia	Leucanthemella	Pentachaeta	Santolina
Hecastocleis	Leucanthemopsis	Pentzia	Sanvitalia
Hedosyne	Leucanthemum	Perezia	Sartwellia
Hedypnois	Leuciva	Pericallis	Saussurea
Helenium	Liatris	Pericome	Scabrethia
Helianthella	Ligularia	Peripleura	Schkuhria
Helianthus	Lindheimera	Perityle	Sclerocarpus
Helichrysum	Logfia	Petasites	Sclerolepis
Heliomeris	Lorandersonia	Petradoria	Scolymus
Heliopsis	Luina	Peucephyllum	Scorzonera
Helminthotheca	Lygodesmia	Phalacroseris	Scorzoneroides
Hemizonella	Machaeranthera	Phoebanthus	Senecio
Hemizonia	Madia	Picradeniopsis	Sericocarpus
Herrickia	Malacothrix	Picrothamnus	Serratula
Hesperevax	Malperia	Pinaropappus	Shinnersia
Hesperodoria	Mantiscalca	Pityopsis	Shinnersoseris
Heteranthemis	Marshallia	Plateilema	Sigesbeckia
Heterosperma	Matricaria	Platyschukuhria	Silybum
Heterotheca	Mauranthemum	Plectostachys	Simsia
Hieracium	Melampodium	Plectocephalus	Smallanthus
Holocarpha	Melanthera	Pleiacanthus	Solidago
Holozonia	Micropsis	Pleurocornonis	Soliva
Hulsea	Micropus	Pluchea	Sonchus
Hymenoclea	Microseris	Polymnia	Sphaeromeria
Hymenopappus	Mikania	Porophyllum	Sphagneticola
Hymenothrix	Monolopia	Praxilis	Stebbinsoseris
Hymenoxys	Monoptilon	Prenanthea	Stenotus
Hypochaeris	Mulgedium	Prenanthese	Stephanomeria
Inula	Munzothamnus	Psacalium	Stevia
Ionactis	Mycelia	Psathyrotes	Stokesia
Ismelia	Nabalus	Psathyrotopsis	Stuartina
Isocoma	Neonesomia	Pseudelaphantopus	Stylocline
Iva	Nestotus	Pseudobahia	Symphotrichum
Ixeris	Neurolaena	Pseudoclappia	Synedrella
Jaegeria	Nicolletia	Pseudognaphalium	Syntrichopappus
Jamesianthus	Nippoanthemum	Pseudogynoxys	Tagetes
Jaumea	Nothocalais	Psilactis	Tamaulina
Jefea	Oclemena	Psilocarphus	Tanacetum
Jensia	Omalotheca	Psilostrophe	Taraxacum
Koanophyllon	Oncosiphon	Pterocaulon	Tephrosieris
Krigia	Onopordum	Pulicaria	Tetradymia
Kyhosia	Oonopsis	Pyrrhopappus	Tetragonotheca
Lactuca	Oreochrysum	Pyrrocoma	Tetraneuris
Laënnecia	Oreostemma	Rafinesquia	Thelesperma
Lagascea	Orochaenactis	Raillardella	Thurovia
Lagophylla	Osmadenia	Rainiera	Thymophylla
Lapsana	Osteospermum	Ratibida	Tithonia
Lapsanastrum	Oxytenia	Rayjacksonia	Toiyabea

Tolpis	Cornaceae	Chorispora	Sibaropsis
Tonestus	Cornus	Cochlearia	Sinapis
Townsendia	Costaceae	Coelophragmus	Sisymbrium
Tracyina	Costus	Coincya	Smelowskia
Tragopogon	Crassulaceae	Conringia	Stanleya
Trichocoronis	Aeonium	Crambe	Streptanthella
Trichoptilium	Bryophyllum	Cusickiella	Streptanthus
Tridax	Cotyledon	Descurainia	Strigosella
Trilisa	Crassula	Dimorphocarna	Subularia
Tripleurospermum	Diamorpha	Diploxaxis	Synthlipsis
Tripolium	Dudleya	Dithyrea	Teesdalia
Trixis	Echeveria	Draba	Thelypodiodopsis
Tussilago	Graptopetalum	Dryopetalon	Thelypodium
Uropappus	Hylotelephium	Eruca	Thlaspi
Urospermum	Jovibarba	Erucastrum	Thysanocarpus
Varilla	Kalanchoë	Erysimum	Tropidocarpum
Venegasia	Lenophyllum	Euclidium	Turritis
Verbesina	Phedimus	Eutrema	Warea
Vernonia	Rhodiola	Glaucocarpum	Yosemitea
Viguiera	Sedella	Halimolobus	Cucurbitaceae
Vittadinia	Sedum	Hesperidanthus	Apodanthera
Volutaria	Sempervivum	Hesperis	Brandegea
Wedelia	Valladia	Hirshfieldia	Bryonia
Wyethia	Crossosomataceae	Hornungia	Cayaponia
Xanthisma	Apacheria	Iberis	Citrullus
Xanthium	Crossosoma	Idaho	Coccinia
Xanthocephalum	Glossopetalon	Iodanthus	Ctenolepis
Xerochrysum	Cruciferae	Ionopsidium	Cucumis
Xylorhiza	(Brassicaceae)	Isatis	Cucurbita
Yermo	Alliaria	Leavenworthia	Cyclanthera
Youngia	Alyssum	Lepidium	Ecballium
Zaluzania	Anelsonia	Lobularia	Echinocystis
Zinia	Arabidopsis	Lunaria	Echinopepon
Convolvulaceae	Arabis	Lyrocarpa	Ibervillea
Aniseia	Armoracia	Malcolmia	Lagenaria
Argyrea	Athysanthus	Matthiola	Luffa
Bonamia	Aubrieta	Microthlaspi	Marah
Calystegia	Aurinia	Myagrum	Melothria
Convolvulus	Barbarea	Nasturtium	Momordica
Cressa	Berteroa	Nerisyrenia	Sechium
Cuscuta	Boechera	Neslia	Sicyos
Dichondra	Borodinia	Nevada	Sicyosperma
Evolvulus	Brassica	Noccaea	Thladiantha
Ipomoea	Braya	Orychophragmus	Trichosanthes
Jacquemontia	Bunias	Parrya	Tumamoca
Merremia	Cakile	Paysonia	Cymodoceaceae
Operculina	Calepina	Pennellia	Halodule
Poranopsis	Camelina	Phoenicaulis	Syringodium
Strictocardia	Capsella	Physaria	Cyperaceae
Stylisma	Cardamine	Planodes	Abildgaardia
Turbina	Carrichtera	Polyctenium	Bulbostylis
Cordiaceae	Caulanthus	Raphanus	Calliscirpus
Cordia	Chlorocrambe	Rapistrum	Carex
		Rorippa	Cladium
		Sandbergia	
		Selenia	
		Sibara	

Cymophyllus	Tiquila	Vaccinium	Quercus
Cyperus		Xylococcus	
Dulichium	Elaeagnaceae	Zenobia	Flacourtiaceae
Eleocharis	Elaeagnus		Casearia
Eriophorum	Hippophae	Eriocaulaceae	Flacourtia
Fimbristylis	Shepherdia	Eriocaulon	Xylosma
Fuirena		Lachnocaulon	
Isolepis	Elaeocarpaceae	Syngonanthus	Fouquieriaceae
Kobresia	Aristotelia		Fouquieria
Kyllinga		Escalloniaceae	
Lipocarpha	Elatinaceae	Escallonia	Francoaceae
Oxycaryum	Bergia		Melianthus
Remirea	Elatine	Eucommiaceae	
Rhynchospora		Eucommia	Frankeniaceae
Schoenoplectiella	Ericaceae		Frankenia
Schoenoplectus	Agarista	Euphorbiaceae	
Schoenus	Allotropa	Acalypha	Garryaceae
Scirpoides	Andromeda	Adelia	Aucuba
Scirpus	Arbutus	Aleurites	Garrya
Scleria	Arctostaphylos	Argythamnia	
Trichophorum	Arctous	Astraea	Gelsemiaceae
Uncinia	Bejaria	Bernardia	Gelsemium
	Calluna	Bischofia	
Cyrillaceae	Cassiope	Breynia	Gentianaceae
Cliftonia	Ceratiola	Caperonia	Bartonia
Cyrilla	Chamaedaphne	Chrozophora	Centaurium
	Chimaphila	Cnidoscolus	Cicenda
Daticaceae	Comarostaphylis	Croton	Comastoma
Datisca	Corema	Dalechampia	Eustoma
	Elliottia	Ditrysinia	Frasera
Diapensiaceae	Empetrum	Drypetes	Gentiana
Diapensia	Epigaea	Euphorbia	Gentianella
Galax	Erica	Flueggea	Gentianopsis
Pyxidanthera	Eubotrys	Glochidion	Gyrandra
Shortia	Gaultheria	Gymnanthes	Halenia
	Gaylussacia	Heterosavia	Lomatogonium
Dioscoreaceae	Harrimanella	Hippomane	Obolaria
Dioscorea	Hemitomes	Hura	Sabatia
	Kalmia	Jatropha	Schenkia
Dipsacaceae	Kalmiopsis	Manihot	Swertia
Cephalaria	Leucothoë	Mercurialis	Voyria
Dipsacus	Lyonia	Microstachys	Zeltnera
Knautia	Menziesia	Phyllanthopsis	
Scabiosa	Moneses	Phyllanthus	Geraniaceae
Succisa	Monotropa	Ricinus	Erodium
Succisella	Monotropsis	Sapium	Geranium
	Ornithostaphylos	Stillingia	Pelargonium
Droseraceae	Orthilia	Tetracoccus	
Aldrovanda	Oxydendrum	Tragia	Gisekiaceae
Dionaea	Phyllodoce	Triadica	Gisekia
Drosera	Pieris	Vernicia	
	Pityopus		Goodeniaceae
Ebenaceae	Pleuricospora	Fagaceae	Scaveola
Diospyros	Pterospora	Castanea	
	Pyrola	Chrysolepis	Gramineae
Ehretiaceae	Rhododendron	Fagus	(Poaceae)
Ehretia	Sarcodes	Notholithocarpus	Achnatherum

Acrachne	Cymbopogon	Lycurus	Setariopsis
Aegilops	Cynodon	Melica	Sorghastrum
Aegopogon	Cynosurus	Melinis	Sorghum
X Agropogon	Dactylis	Microchloa	Spartina
Agropyron	Dactyloctenium	Microstegium	Sphenopholis
Agrostis	Danthonia	Milium	Sporobolus
Aira	Dasyochloa	Miscanthus	Stenotaphrum
Allolepis	Dendrocalamus	Molinia	Stipa
Alloteropsis	Deschampsia	Monanthochloë	Swallenia
Alopecurus	Diarrhena	Moorochloa	Themeda
Ammophila	Dichanthium	Muhlenbergia	Torreyochloa
Ampelodesmos	Digitaria	Munroa	Trachypogon
Amphibromus	Dinebra	Nardus	Tragus
Amphicarpum	Dissanthelium	Neostapfia	Tribolium
Andropogon	Distichlis	Neyraudia	Trichloris
Anthaenania	Echinochloa	Opizia	Trichoneura
Anthephora	Ehrharta	Oplismenus	Tridens
Anthoxanthum	Eleusine	Orcuttia	Triplasis
Apera	Elionurus	Oryza	Tripogon
Aristida	X Elyhordeum	Oryzopsis	Tripsacum
Arrhenatherum	Elymus	Panicum	Triraphis
Arthraxon	Enneapogon	Pappophorum	Trisetum
Arundinaria	Enteropogon	Parapholis	Triticum
Arundo	Eragrostis	Paspalum	Tuctoria
Avena	Eremopyrum	Phalaris	Uniola
Axonopus	Eriochloa	Pharus	Urochloa
Bambusa	Erioneuron	Phippsia	Vaseyochloa
Beckmannia	Eustachys	Phleum	Ventenata
Blepharidachne	Festuca	Phragmites	Willkommia
Blepharoneuron	Gastridium	Phyllostachys	Zea
Bothriochloa	Gaudinia	Piptochaetium	Zizania
Bouteloua	Glyceria	Pleioblastus	Zizaniopsis
Brachyelytrum	Gymnopogon	Pleuropogon	Zoysia
Brachypodium	Hackelochloa	Poa	
Briza	Hainardia	Pogonarthria	Grossulariaceae
Bromidium	Helictotrichon	Polypogon	Ribes
Bromus	Hemarthria	Polytrias	
Buchloë	Heteropogon	Pseudosasa	Gunneraceae
Calamagrostis	Hierochloë	Puccinellia	Gunnera
X Calammophila	Hilaria	Redfieldia	
Calamovilfa	Holcus	Reimarochloa	Guttiferae
Catabrosa	Hordeum	Rostraria	(Hypericaceae)
Catapodium	Hymenachne	Rottboellia	Clusia
Cathestecum	Hyparrhenia	Rytidosperma	Hypericum
Cenchrus	Imperata	Saccharum	
Chasmanthium	Kalinia	Sacciolepis	Haemodoraceae
Chloris	Kikuyuochloa	Sasa	Lachnanthes
Chrysopogon	Koeleria	Schedonnardus	
Cinna	Lagurus	Schismus	Haloragaceae
Coelorachis	Lamarckia	Schizachne	Haloragis
Coix	Lasiacis	Schizachyrium	Myriophyllum
Coleanthus	Leersia	Sclerochloa	Proserpinaca
Cortaderia	Leptochloa	Scleropogon	
Corynephorus	Limnodea	Scolochloa	Hamamelidaceae
Cottea	Lithachne	Scribneria	Fothergilla
Crypsis	Lolium	Secale	Hamamelis
Ctenium	Luziola	Setaria	Loropetalum

Heliconiaceae Heliconia	Phacelia Pholistoma Romanzoffia Tricardia	Acanthomintha Agastache Ajuga Ballota Blephilia Brazonia Callicarpa Cedronella Chaiturus Clinopodium Collinsonia Conradina Cunila Dicerandra Dracocephalum Elsholtzia Galeopsis Glechoma Hedeoma Hyptis Hyssopus Lallemantia Lamium Lavandula Leonotis Leonurus Lepechinia Lycopus Macbridea Marrubium Meehania Melissa Mentha Moluccella Monarda Monardella Mosla Neptea Ocimum Origanum Perilla Phlomis Physostegia Piloblephis Plectranthus Pogogyne Poliomintha Prunella Pycnanthemum Rhododon Salazaria Salvia Satureja Scutellaria Sideritis Solenostemon Stachydeoma	Stachys Synandra Teucrium Thymus Trichostema Vitex Warnockia
Heliotropaceae Euploca Heliotropium Tournefortia	Hypoxidaceae Curculigo Hypoxis		Lardizabalaceae Akebia
Hippocastanaceae Aesculus	Illiciaceae Illicium		Lauraceae Cassytha Cinnamomum Laurus Licaria Lindera Litsea Nectandra Persea Sassafras Umbellularia
Hippocrataceae Hippocratea	Iridaceae Alophia Belamcanda Calydorea Chasmanthe Crocasmia Crocus Freesia Gladiolus Herbertia Iris Ixia Libertia Moraea Nemastylis Olsynium Romulea Sisyrinchium Sparaxis Trimeria Watsonia		Leguminosae (Fabaceae) Abrus Acacia Acaciella Adenanthera Aeschynomene Albizia Alhagi Alysicarpus Amorpha Amphicarpaea Andira Anthyllis Apios Arachis Astragalus Baptisia Bauhinia Bituminaria Brongniartia Caesalpinia Cajanus Calliandra Calopogonium Canavalia Caragana Cassia Centrosema Ceratonina Cercis Chamaecrista Chamaecytisus Chapmannia
Hippuridaceae Hippuris			
Hydrangeaceae Carpenteria Decumaria Deutzia Fendlera Fendlerella Hydrangea Jamesia Philadelphus Schizophragma Whipplea			
Hydrocharitaceae Blyxa Egeria Elodea Halophila Hydrilla Hydrocharis Limnobium Najas Ottelia Thalassia Vallisneria	Iteaceae Itea		
Hydrocotylaceae Hydrocotyle	Juglandaceae Carya Juglans Pterocarya		
Hydroleaceae Hydrolea	Juncaceae Juncus Luzula		
Hydrophyllaceae Draperia Ellisia Emmenanthe Eucrypta Hesperochiron Howellanthus Hydrophyllum Nemophila	Juncaginaceae Triglochin		
	Koerberlinaceae Koeberlinia		
	Krameriaceae Krameria		
	Labiatae (Lamiaceae)		

Cicer	Medicago	Vigna	Loganiaceae
Cladrastis	Melilotus	Wisteria	Mitreola
Clitoria	Millettia	Zapoteca	Spigelia
Cologania	Mimosa	Zornia	Strychnos
Colutea	Mucuna		
Coronilla	Neptunia	Leitneriaceae	Lythraceae
Coursetia	Nissolia	Leitneria	Ammannia
Crotalaria	Olneya		Cuphea
Cullen	Onobrychis	Lemnaceae	Decodon
Cytisus	Ononis	Lemna	Didiplis
Dalbergia	Orbexilum	Spirodela	Heimia
Dalea	Ornithopus	Wolffia	Lagerstroemia
Delonix	Otholobium	Wolffiella	Lythrum
Dermatophyllum	Oxythyndus		Nesaea
Desmanthus	Oxytropis	Lennoaceae	Punica
Desmodium	Pachyrhizus	Pholisma	Rotala
Dichrostachys	Paraserianthes		Trapa
Diphysa	Parkinsonia	Lentibulariaceae	
Dipogon	Parryelia	Pinguicula	Magnoliaceae
Ebenopsis	Pediomelum	Utricularia	Liriodendron
Enterolobium	Peltophorum		Magnolia
Errazurizia	Peteria	Liliaceae	
Erythrina	Phaseolus	Calochortus	Malpighiaceae
Eysenhardtia	Pickeringia	Clintonia	Aspicarpa
Galactia	Piscidia	Erythronium	Byrsonima
Galega	Pisum	Fritillaria	Callaeum
Genista	Pithecellobium	Gagea	Galphimia
Genistidium	Pomaria	Lilium	Hiptage
Gleditsia	Prosopis	Lloydia	Janusia
Gliricidia	Psorothamnus	Medeola	Malpighia
Glycine	Pueraria	Prosartes	Stigmaphyllon
Glycyrrhiza	Retama	Scoliopus	
Gymnocladus	Rhynchosia	Streptopus	Malvaceae
Halimodendron	Robinia	Tulipa	Abelmoscus
Havardia	Rupertia		Abutilon
Hedysarum	Samanea	Limnanthaceae	Alcea
Hippocrepis	Schizolobium	Floerkea	Allowissadula
Hoffmannseggia	Scorpiurus	Limnanthes	Althaea
Hoita	Securigera		Anisodontea
Hylodesmum	Senegalia	Limnocharitaceae	Anoda
Indigofera	Senna	Hydrocleys	Bastardia
Kummerowia	Sesbania		Batesimalva
Lablab	Sophora	Linaceae	Billieturnera
Laburnum	Spartium	Hesperolinon	Callirhoë
Lackeya	Sphaerophysa	Linum	Cienfuegosia
Lathyrus	Sphinctospermum	Sclerolinon	Eremalche
Lens	Strophostyles		Fryxellia
Lespedeza	Stylosanthes	Linderniaceae	Gossypium
Leucaena	Styphnolobium	Lindernia	Herissantia
Lonchocarpus	Tamarindus	Micranthemum	Hibiscus
Lotononis	Tephrosia	Torenia	Hoheria
Lotus	Thermopsis		Horsfordia
Lupinus	Trifolium	Loasaceae	Iliamna
Lysiloma	Trigonella	Cevallia	Kosteletzkyia
Macroptilium	Ulex	Eucnide	Krapovickasia
Marina	Vachellia	Mentzelia	Lagunaria
Mariosousa	Vicia	Petalonyx	Lavatera

Malachra	Swietenia	Eugenia	Ximenia
Malacothamnus		Leptospermum	
Malva	Menispermaceae	Luma	Oleaceae
Malvastrum	Calycocarpum	Melaleuca	Cartrema
Malvaviscus	Cissampelos	Metrosideros	Chionanthus
Malvella	Cocculus	Myrcianthes	Fontanesia
Meximalva	Menispermum	Myrtus	Forestiera
Modiola		Pimenta	Forsythia
Napaea	Menyanthaceae	Psidium	Fraxinus
Pavonia	Menyanthes	Rhodomyrtus	Jasminum
Pseudabutilon	Nephrophyllidium	Syzygium	Ligustrum
Rhynchosium	Nymphoides		Menodora
Riparosida		Namaceae	Olea
Sida	Molluginaceae	Eriodictyon	Osmanthus
Sidalcea	Glinus	Nama	Syringa
Sidastrum	Mollugo	Wigandia	
Sphaeralcea		Nartheciaceae	Onagraceae
Talipariti	Montiaceae	Aletris	Calyphus
Thespesia	Calandrinia	Lophiola	Camissonia
Urena	Cistanthe	Narthecium	Circaea
Wissadula	Claytonia		Clarkia
	Lewisia	Nelumbonaceae	Epilobium
Marantaceae	Montia	Nelumbo	Fuchsia
Maranta	Phemeranthus		Gaura
Thalia		Nitrariaceae	Gayophytum
	Moraceae	Peganum	Ludwigia
Martyniaceae	Brosimum		Oenothera
Ibicella	Broussonetia	Nyctaginaceae	Stenosiphon
Proboscidea	Dorstenia	Abronia	
	Fatoua	Acleisanthes	Orchidaceae
Mayacaceae	Ficus	Allionia	Amerorchis
Mayaca	Maclura	Ammocodon	Aplectum
	Morus	Anulocaulis	Arethusa
Mazaceae		Boerhavia	Basiphyllaea
Mazus	Moringaceae	Bougainvillea	Beloglottis
	Moringa	Commicarpus	Bletia
Melanthiaceae		Cyphomeris	Bletilla
Amianthemum	Muntingiaceae	Guapira	Brassia
Anticlea	Muntingia	Mirabilis	Bulbophyllum
Chamaelirion		Nyctagiinia	Calopogon
Helonias	Musaceae	Okenia	Calypso
Melanthium	Musa	Pisonia	Campylocentrum
Schoenocaulon		Tripterocalyx	Cephalanthera
Stenanthium	Myoporaceae		Cleistesiopsis
Trillium	Bontia	Nymphaeaceae	Coeloglossum
Veratrum	Myoporum	Nuphar	Corallorhiza
Xerophyllum		Nymphaea	Cranichis
Zigadenus	Myricaceae		Cyclopogon
	Comptonia	Nyssaceae	Cypripedium
Melastomataceae	Myrica	Nyssa	Cyrtopodium
Melastoma			Deiregyne
Rhexia	Myrtaceae	Ochnaceae	Dendrophyllax
Tetrazygia	Callistemon	Ochna	Dichromanthus
	Calyptranthes		Eltroplectris
Meliaceae	Chamelaucium	Olacaceae	Encyclia
Khaya	Corymbia	Schoepfia	Epidendrum
Melia	Eucalyptus		Epipactis

Eulophia	Acoelorrhaphe	Paulowniaceae	Allophyllum
Galeandra	Acrocomia	Paulownia	Collomia
Galearis	Bismarckia		Eriastrum
Goodyera	Butia	Pedaliaceae	Gilia
Govenia	Caryota	Ceratotheca	Giliastrum
Gymnadenia	Chamaedorea	Proboscidea	Gymnosteris
Habenaria	Coccothrinax	Sesamum	Ipomopsis
Harisella	Cocos		Langloisia
Hexalectris	Dypsis	Pentaphylacaceae	Lathrocasis
Ionopsis	Elaeis	Clerya	Leptodactylon
Isotria	Livistona		Leptosiphon
Laelia	Phoenix	Penthoraceae	Linanthus
Lepanthopsis	Pseudothrinix	Penthorum	Loeselia
Liparis	Ptychosperma		Loeseliastrum
Listera	Rhapidophyllum	Petiveriaceae	Microgilia
Macradenia	Roystonea	Petiveria	Microsteris
Malaxis	Sabal		Navarretia
Maxillaria	Serenoa	Phrymaceae	Phlox
Mesadenus	Syagrus	Phryma	Polemonium
Microthelys	Thrinax		Saltugilia
Oeceoclades	Washingtonia	Phytolaccaceae	
Oncidium		Agdestis	Polygalaceae
Pelexia	Pandanaceae	Phytolacca	Asemeia
Phaius	Pandanus	Rivina	Hebecarpa
Piperia		Trichostigma	Monnima
Platanthera	Papaveraceae		Polygala
Platythelys	Adlumia	Picramniaceae	Polygaloides
Pogonia	Arctomecon	Alvaradora	Rhinotropis
Polystachya	Argemone	Picramnia	
Ponthieva	Canbya		Polygonaceae
Prescottia	Chelidonium	Piperaceae	Acanthoscyphus
Prosthechea	Corydalis	Lepianthes	Antiginon
Pteroglossaspis	Dendromecon	Peperomia	Aristocapsa
Sacoila	Dicentra	Piper	Brunnichia
Schiedeelia	Ehrendorferia		Centrostegia
Sotoa	Eschscholzia	Pittosporaceae	Chorizantha
Spathoglottis	Fumaria	Billardiera	Coccoloba
Spiranthes	Glaucium	Pittosporum	Dedeckera
Stelis	Hesperomecon		Dodecahema
Stenorrhynchos	Hunnemannia	Plantaginaceae	Emex
Tipularia	Hypecooum	Littorella	Eriogonum
Tolumnia	Lamprocapnos	Plantago	Fagopyrum
Trichocentrum	Macleaya		Gilmania
Triphora	Meconella	Platanaceae	Goodmania
Tropidia	Meconopsis	Platanus	Hollistera
Vanilla	Papaver		Johanneshowellia
Zeuxine	Platystemon	Plumbaginaceae	Koenigia
	Pseudofumaria	Armeria	Lastarriaea
	Roemeria	Ceratostigma	Mucronea
Oxalidaceae	Romneya	Limonium	Muehlenbeckia
Oxalis	Sanguinaria	Plumbago	Nemacaulis
	Stylophorum		Oxyria
Paeoniaceae		Podostemaceae	Oxytheca
Paeonia	Passifloraceae	Podostemon	Polygonum
	Passiflora		Pterostegia
Palmae		Polemoniaceae	Rheum
(Areaceae)		Aliciella	Rumex

Sidotheca	Hydrastis	Duchesnea	Cruciata
Stenogonum	Kumlienia	Eriobotrya	Crusea
Systemotheca	Myosurus	Exochorda	Diodia
Triplaris	Nigella	Fallugia	Erithalis
Pontederiaceae	Ranunculus	Filipendula	Ernodea
Eichhornia	Thalictrum	Fragaria	Exostema
Heteranthera	Trautvetteria	Geum	Galium
Monochoria	Trollius	Gillenia	Gardenia
Pontederia	Xanthorrhiza	Heteromeles	Guettarda
Portulacaceae	Resedaceae	Holodiscus	Hamelia
Portulaca	Oligomeris	Horkelia	Hedyotis
Posidoniaceae	Reseda	Horkelliella	Houstonia
Posidonia	Rhamnaceae	Ivesia	Ixora
Potamogetonaceae	Adolphia	Kelseya	Kelloggia
Potamogeton	Berchemia	Kerria	Mitchella
Stuckenia	Ceanothus	Leutkea	Mitracarpus
Zannichellia	Colubrina	Lyonothamnus	Morinda
Primulaceae	Condalia	Malacomeles	Oldenlandia
Anagallis	Frangula	Malus	Oldenlandiopsis
Androsace	Gouania	Mespilus	Paederia
Ardisia	Hovenia	Neillia	Pentas
Dodecatheon	Karwinskia	Neviusia	Pentodon
Douglasia	Krugiodendron	Oemleria	Pinckneya
Hottonia	Paliurus	Peraphyllum	Psychotria
Lysimachia	Reynosia	Petrophytum	Randia
Myrsine	Rhamnus	Photinia	Richardia
Primula	Sageretia	Physocarpus	Rubia
Samolus	Ziziphus	Potentilla	Sherardia
Trientalis	Rhizophoraceae	Poteridium	Spermacoce
Proteaceae	Rhizophora	Poterium	Stenaria
Grevillea	Rosaceae	Prunus	Strumpfia
Putranjivaceae	Acaena	Pseudocydonia	Ruppiaceae
Drypetes	Adenostoma	Purshia	Ruppia
Ranunculaceae	Agrimonia	Pyracantha	Rutaceae
Aconitum	Alchemilla	Pyrus	Amyris
Actaea	Amelanchier	Rhodotypos	Choisya
Adonis	X Amelasorbus	Rosa	Citrus
Anemone	Aphanes	Rubus	Cneoridium
Aquilegia	Aronia	Sanguisorba	Dictamnus
Caltha	Aruncus	Sibbaldia	Esenbeckia
Ceratocephala	Cercocarpus	Sibbaldiopsis	Fortunella
Clematis	Chaenomeles	Sorbaria	Glycosmis
Consolida	Chamaebatia	X Sorbus	Helietta
Coptis	Chamaebatiaria	Spiraea	Murraya
Delphinium	Chamaerhodes	Vauquelinia	Phellodendron
Enemion	Coleogyne	Waldsteinia	Ptelea
Eranthus	Comarum	Rubiaceae	Ruta
Helleborus	Cotoneaster	Arcytophyllum	Severinia
Hepatica	Crataegus	Bouvardia	Tetradium
	Cydonia	Casasia	Thamnosma
	Dasiphora	Catesbaea	Triphasia
	Dryas	Cephalanthus	Zanthoxylum
	Drymocalis	Chiococca	Salicaceae
		Coccocypselum	Populus
		Coprosma	
		Crucianella	

Salix	Jepsonia	Holmgrenanthe	Smilax
Santalaceae	Leptarrhena	Howelliella	Solanaceae
Buckleya	Lithophragma	Keckiella	Atropa
Comandra	Micranthes	Kickxia	Bouchetia
Geocaulon	Mitella	Kopsiopsis	Browallia
Nestronia	Saxifraga	Leucophyllum	Brugmansia
Pyrularia	Saxifragopsis	Leucospora	Calibrachoa
Santalum	Suksdorfia	Limnophila	Calliphysalis
Thesium	Sullivantia	Limosella	Capsicum
	Telesonix	Linaria	Cestrum
	Tellima	Mabrya	Chamaesaracha
	Tiarella	Macranthera	Datura
	Tolmiea	Maurandella	Hunzikeria
Sapindaceae		Maurandya	Hyoscyamus
Cardiospermum	Scheuchzeriaceae	Mecardonia	Jaborosa
Cupania	Scheuchzeria	Melampyrum	Jaltomata
Cupaniopsis		Mimetanthe	Leucophysalis
Dimocarpus	Schisandraceae	Mimulus	Lycianthes
Dodoneae	Schisandra	Misopates	Lycium
Exotheca		Neogaerrhinum	Margaranthus
Harpullia	Schoepfiaceae	Nothochelone	Nectouxia
Hypelate	Schoepfia	Nuttallanthus	Nicandra
Koelreuteria		Odontites	Nicotiana
Melicoccus	Scrophulariaceae	Orobanche	Nierembergia
Sapindus	Agalinis	Orthocarpus	Oryctes
Serjania	Amphianthus	Parentucellia	Petunia
Ungnadia	Anarrhinum	Pedicularis	Physalis
Urvillea	Angelonia	Penstemon	Quincula
Xanthoceras	Antirrhinum	Pseudolysimachion	Salpichroa
	Aphyllon	Pseudorontium	Salpiglossus
Sapotaceae	Aureolaria	Rhinanthus	Schizanthus
Chrysophyllum	Bacopa	Russelia	Solandra
Manilkara	Bellardia	Sairocarpus	Solanum
Mimusops	Besseya	Schistophragma	
Pouteria	Brachystigma	Schwalbea	Sphenocleaceae
Sideroxylon	Buchnera	Scoparia	Sphenoclea
	Capraria	Scrophularia	
Sarcobataceae	Castilleja	Seymeria	Staphyleaceae
Sarcobatus	Chaenorhinum	Stemodia	Staphylea
	Chelone	Striga	
Sarraceniaceae	Chionophila	Synthyris	Stemonaceae
Darlingtonia	Collinsia	Tonella	Croomia
Sarracenia	Conopholis	Triphysaria	
	Cordylanthus	Verbascum	Sterculiaceae
Saururaceae	Cymbalaria	Veronica	Ayenia
Anemopsis	Dasistoma	Veronicastrum	Brachychiton
Houttuynia	Digitalis		Firmiana
Saururus	Diplacus	Simaroubaceae	Fremontodendron
	Dopatrium	Ailanthus	Hermannia
Saxifragaceae	Epifagus	Castela	Melochia
Astilbe	Epixiphium	Holacantha	Waltheria
Bensoniella	Erythranthe	Simarouba	
Bolandra	Euphrasia		Styracaceae
Boykinia	Gambelia	Simmondsiaceae	Halesia
Chrysosplenium	Glossostigma	Simmondsia	Styrax
Commitella	Gratiola		
Darmera	Hebe	Smilacaceae	
Elmera			
Heuchera			

A NUMERICAL SUMMARY

	Families	Genera
Lycophytes	3	10
Ferns	29	91
Gymnosperms	9	31
Flowering Plants	265	2778
Totals	306	2910

PRIMARY SOURCES

In addition to a number of state and regional floras, monographs, and revisions, I used the following sources for distribution data, family concepts, and nomenclature.

Christenhusz, M. J. M., M. F. Fay, & M. W. Chase. 2017. *Plants of the world: an illustrated encyclopedia of vascular plants*. Kew Publishing and the University of Chicago Press.

Christenhusz, M. J. M. et al. 2011. A new classification and linear sequence of extant gymnosperms. *Phytotaxa* 19: 55-70.

Earle, C. J. (editor). *The gymnosperm database*. www.conifers.org

Flora North America Editorial Committee. *Flora of North America north of Mexico*. Oxford University Press.

Heywood, V. H., R. K. Brummitt, A. Culham, & O. Seberg. 2007. *Flowering plant families of the world*. Firefly Books.

Mabberley, D. J. 2017. *Mabberley's plant-book: a portable dictionary of plants, their classification and uses*. Fourth edition. Cambridge University Press.

United States Department of Agriculture, Natural Resources Conservation Service. *The plants database*. <http://plants.usda.gov>

Kartesz, J. 2015. *Biota of North America program*. North American plant atlas. bonap.org

Takhtajan, A. 2009. *Flowering plants*. Second edition. Springer.

The Angiosperm Phylogeny Group. 2016. An update of the Angiosperm Phylogeny Group classification for the orders and families of flowering plants: APG IV. *Botanical Journal of the Linnean Society* 181: 1-20.

The Plant List: a working list of all plant species. www.theplantlist.org

The Pteridophyte Phylogeny Group. 2016. A community-derived classification for extant lycophytes and ferns. *Journal of Systematics and Evolution* 54(6): 563-603.

Stevens, P. F. Angiosperm phylogeny website. www.mobot.org/MOBOT/research/APweb/

Tropicos. www.tropicos.org