

Appendix 1. Native species of vascular plants recorded in the Region of Los Tuxtlas, Veracruz. The systematic arrangement corresponds to the proposals by APG III (2009), Chase and Reveal (2009), Haston et al. (2009), Christenhusz et al. (2011a, b), and Wearn et al. (2013). An asterisk (*) indicates those species endemic to Mexico. The numbers indicates the grid cell where the species is recorded in the region (Figure 1).

Ferns and Lycophytes

Family Anemiaceae

Anemia adiantifolia (L.) Sw. 5
Anemia hirsuta (L.) Sw. 11, 12
Anemia pastinacaria Moritz ex Prantl 11, 23
Anemia phyllitidis (L.) Sw. 10, 11, 22, 23

Family Aspleniaceae

Asplenium abscissum Willd. 6
Asplenium achilleifolium (M. Martens & Galeotti) Liebm. 5, 6
Asplenium auriculatum Sw. 5, 6, 7, 13, 17, 18
Asplenium cristatum Lam. 7, 11, 15
Asplenium cuspidatum Lam. 6, 7, 12, 13, 17, 18, 24
Asplenium feei Kunze ex Fée 5, 18
Asplenium flabellulatum Kunze 6
Asplenium formosum Willd. 7, 10, 11, 12, 13, 18, 23
Asplenium fragrans Sw. 6
Asplenium miradorensis Liebm. 5, 6
Asplenium monanthes L. 7
Asplenium monodon Liebm. 23
Asplenium pteropus Kaulf. 6, 7, 13, 18
Asplenium pulchellum Raddi 7
Asplenium pumilum Sw. 11
Asplenium riparium Liebm. 6, 11, 16, 17, 18
Asplenium rutaceum (Willd.) Mett. 7, 13, 17, 18
Asplenium serratum L. 7, 12, 13
Asplenium uniseriale Raddi 7, 18
**Asplenium venturae* A.R. Sm. (cited in Acebey et al., 2015)

Family Athyriaceae

Diplazium cristatum (Desr.) Alston 8
Diplazium donnell-smithii H. Christ 13
Diplazium drepanolobium A.R. Sm. 7
Diplazium franconis Liebm. 6, 7, 10, 11, 18
Diplazium lonchophyllum Kunze 7
Diplazium plantaginifolium (L.) Urb. 13, 19
Diplazium striatastrum Lellinger 5, 6
Diplazium striatum (L.) C. Presl 6, 7, 13, 17
Diplazium ternatum Liebm. 13, 17, 18, 23
Diplazium urticifolium H. Christ 6, 13, 18, 23

Family Blechnaceae

Blechnum appendiculatum Willd. 5, 6, 12, 13, 17, 18, 23

Blechnum ensiforme (Liebm.) C. Chr. 13, 18
Blechnum fragile (Liebm.) C.V. Morton & Lellinger 17, 18
Blechnum gracile Kaulf. 7, 12, 18, 19, 23
Blechnum occidentale L. 11, 12, 13, 17, 19, 23
Blechnum schiedeana (Schltdl. ex C. Presl) Hieron. 12, 13, 18
Woodwardia spinulosa M. Martens & Galeotti 6

Family Cibotiaceae

**Cibotium schiedeii* Schltdl. & Cham. 23

Family Cyatheaceae

Alsophila firma (Baker) D.S. Conant 6, 17, 18, 19
Alsophila salvinii Hook. 13, 17, 18, 19, 23
Alsophila tryoniana (Gastony) D.S. Conant 5, 13, 17, 18, 23
**Cyathea aristata* Domin 13, 18
Cyathea bicrenata Liebm. 5, 6, 7, 11, 12, 13, 17, 18
Cyathea decurrentiloba Domin 17, 18, 19
Cyathea divergens Kunze 13, 18, 23
Cyathea myosuroides (Liebm.) Domin 14
Cyathea schiedeana (C. Presl) Domin 7, 8, 9, 12, 13, 14, 17, 18, 19, 23
Sphaeropteris horrida (Liebm.) R.M. Tryon 5, 7, 13, 17, 18, 23

Family Dennstaedtiaceae

Dennstaedtia bipinnata (Cav.) Maxon 5, 13, 17, 18, 19
Dennstaedtia cornuta (Kaulf.) Mett. 17
Dennstaedtia globulifera (Poir.) Hieron. 13, 17
Pteridium aquilinum (L.) Kuhn 18, 19, 23
Pteridium caudatum (L.) Maxon 6, 18, 19, 22, 24

Family Dicksoniaceae

Lophosoria quadripinnata (J.F. Gmel.) C. Chr. 17, 19

Family Dryopteridaceae

Arachniodes denticulata (Sw.) Ching 6, 13, 17, 18, 23
Bolbitis aliena (Sw.) Alston 7, 11
Bolbitis hastata (E. Fourn.) Hennipman 13, 17, 19
Bolbitis portoricensis (Spreng.) Hennipman 6, 7, 10, 11, 12, 13, 17, 19, 23
Ctenitis excelsa (Desv.) Proctor 6, 12, 24

Ctenitis interjecta (C. Chr.) Ching 24
Ctenitis melanosticta (Kunze) Copel. 5, 6, 7, 12, 15, 16, 18, 20, 23
 **Ctenitis mexicana* A.R. Sm. 6
Elaphoglossum erinaceum (Fée) T. Moore 6, 13, 17, 18
Elaphoglossum guatemalense (Klotzsch) T. Moore 6, 7, 12, 13, 19
Elaphoglossum muscosum (Sw.) T. Moore 5, 24
Elaphoglossum peltatum (Sw.) Urb. 6, 7, 12, 13, 17, 18, 19, 24
Elaphoglossum petiolatum (Sw.) Urb. 5, 6
Elaphoglossum sartorii (Liebm.) Mickel 5, 6, 13, 23
 **Elaphoglossum vestitum* (Schltdl. & Cham.) Schott ex T. Moore 5, 6, 12, 13, 17, 18, 24
Elaphoglossum viride (E. Fourn.) C. Chr. 5
Lastreopsis effusa (Sw.) Tindale 6, 7, 13, 18
Megalastrum atrogriseum (C. Chr.) A.R. Sm. & R.C. Moran 6, 7, 13
Megalastrum subincisum (Willd.) A.R. Sm. & R.C. Moran 11, 18, 23
Mickelia bernoullii (Kuhn ex H. Christ) R.C. Moran, Labiak & Sundue 6, 7, 12, 19, 24
Mickelia hemiotis (Maxon) R.C. Moran, Labiak & Sundue 13, 17, 19
Mickelia pergamentacea (Maxon) R.C. Moran, Labiak & Sundue 7
Olfersia cervina (L.) Kunze 7
Polybotrya polybotryoides (Baker) H. Christ 19
Polystichum mickelii A.R. Sm. 5, 6, 18
Stigmatopteris longicaudata (Liebm.) C. Chr. 13, 17, 18
Stigmatopteris sordida (Maxon) C. Chr. 17

Family Gleicheniaceae

Diplopterygium bancroftii (Hook.) A.R. Sm. 18
Gleichenella pectinata (Willd.) Ching 18
Sticherus bifidus (Willd.) Ching 13, 17, 18, 19, 23
Sticherus palmatus (W. Schaffn. ex E. Fourn.) Copel. 13, 18, 19, 24

Family Hymenophyllaceae

Abrodictyum rigidum (Sw.) Ebihara & Dubuisson 19
Hymenophyllum asplenioides (Sw.) Sw. 13, 18
Hymenophyllum fucoides (Sw.) Sw. 6
Hymenophyllum hirsutum (L.) Sw. 6
Hymenophyllum lanatum Fée 6
Hymenophyllum maxonii H. Christ ex C.V. Morton 5, 6, 7, 18
Hymenophyllum polyanthos (Sw.) Sw. 5, 6, 7, 14, 18, 19
Hymenophyllum pulchellum Schltdl. & Cham. 6
Hymenophyllum trapezoidale Liebm. 13, 18, 23

Hymenophyllum tunbrigense (L.) Sm. 5
Polyphlebium hymenophylloides (Bosch) Ebihara & Dubuisson 5
Trichomanes capillaceum L. 6, 13, 17, 18, 23
Trichomanes collariatum Bosch 2, 5, 6, 7, 12, 16, 17
Trichomanes crispum L. 19
Trichomanes galeottii E. Fourn. 19
Trichomanes hymenoides Hedw. 18
Trichomanes krausii Hook. & Grev. 7
Trichomanes membranaceum L. 12
Trichomanes polypodioides L. 13, 18
Trichomanes radicans Sw. 5, 6, 7, 12, 13, 17, 18, 19
Trichomanes reptans Sw. (cited in Krömer et al., 2013)

Family Hypodematiaceae

Didymochlaena truncatula (Sw.) J. Sm. 6, 7, 11, 12, 13, 21

Family Lindsaeaceae

Lindsaea arcuata Kunze 18
Lindsaea klotzschiana Moritz 19, 24
Lindsaea lancea (L.) Bedd. 19
Lindsaea stricta (Sw.) Dryand. 24
Odontosoria schlechtendalii (C. Presl) C. Chr. 17, 18, 23

Family Lomariopsidaceae

Lomariopsis recurvata Fée 7, 12, 13

Family Lonchitidaceae

Lonchitis hirsuta L. 7, 12, 13, 18

Family Lycopodiaceae

Lycopodiella cernua (L.) Pic. Serm. 7, 13, 17, 18, 19
Phlegmariurus dichotomus (Jacq.) W.H. Wagner 6, 7, 11, 12, 16
Phlegmariurus linifolius (L.) B. Øllg. 19, 23
Phlegmariurus pithyoides (Schltdl. & Cham.) B. Øllg. 5, 6, 7, 18
Phlegmariurus pringlei (Underw. & F.E. Lloyd) B. Øllg. 5, 18
Phlegmariurus reflexus (Lam.) B. Øllg. 18
Phlegmariurus taxifolius (Sw.) Á. Löve & D. Löve 5, 6, 7, 9, 12, 13, 17, 18, 19, 23

Family Lygodiaceae

Lygodium heterodoxum Kunze 2, 6, 7, 8, 12, 13, 14, 15, 16, 19, 20, 21
Lygodium venustum Sw. 3, 4, 6, 7, 10, 11, 12, 15, 16, 18, 19, 20, 22, 23, 24, 25, 29

Family Marattiaceae

Danaea cuspidata Liebm. 17
Danaea nodosa (L.) Sm. 7, 10, 11, 12, 13

Family Nephrolepidaceae

Nephrolepis rivularis (Vahl) Mett. ex Krug 14

Family Polypodiaceae

Alansmia elastica (Bory ex Willd.) Moguel & M. Kessler 6
Campyloneurum amphostenon (Kunze ex Klotzsch) Fée 12
Campyloneurum angustifolium (Sw.) Fée 6, 7, 8, 10, 11, 12, 13, 17, 18, 24
Campyloneurum phyllitidis (L.) C. Presl 13
Campyloneurum xalapense Fée 6, 24
Cochlidium linearifolium (Desv.) Maxon ex C. Chr. 13, 19
Cochlidium rostratum (Hook.) Maxon ex C. Chr. 5, 18
Cochlidium serrulatum (Sw.) L.E. Bishop 19
Microgramma nitida (J. Sm.) A.R. Sm. 7, 8, 10, 12
Niphidium crassifolium (L.) Lellinger 6, 7, 10, 13, 18, 23
Pecluma atra (A.M. Evans) M.G. Price 11, 16
Pecluma consimilis (Mett.) M.G. Price 6, 13, 17
**Pecluma sursumcurrens* (Copel.) M.G. Price 5
Phlebodium areolatum (Humb. & Bonpl. ex Willd.) J. Sm. 5, 6, 19, 23
Pleopeltis angusta Humb. & Bonpl. ex Willd. 5, 12, 13, 18
Pleopeltis astrolepis (Liebm.) E. Fourn. 6, 11, 16
**Pleopeltis collinsii* (Maxon) A.R. Sm. & Tejero 5, 6, 7, 19, 23
Pleopeltis crassinervata (Fée) T. Moore 5, 6, 7, 13
Pleopeltis fallax (Schltdl. & Cham.) Mickel & Beitel 5, 6, 7, 24
Pleopeltis furfuracea (Schltdl. & Cham.) A.R. Sm. & Tejero 12
Pleopeltis plebeia (Schltdl. & Cham.) A.R. Sm. & Tejero 5, 6, 7, 13, 18
Polypodium fraternum Schltdl. & Cham. 13, 17, 18
Polypodium hispidulum Bartlett 18
Polypodium longepinnulatum E. Fourn. 5, 6, 17, 18
Polypodium plesiosorum Kunze 18
Polypodium polypodioides (L.) Watt 5, 7, 11, 23
Polypodium rhachipterygium Liebm. 6, 7, 10, 11, 12
Polypodium rhodopleuron Kunze 19
Serpocaulon dissimile (L.) A.R. Sm. 6
Serpocaulon falcaria (Kunze) A.R. Sm. 18, 23

Serpocaulon triseriale (Sw.) A.R. Sm. 7, 8, 9, 10, 11, 12, 18, 24
Stenogrammitis prionodes (Mickel & Beitel) Labiak 13

Family Psilotaceae

Psilotum complanatum Sw. 23

Family Pteridaceae

Acrostichum aureum L. 7, 12
Acrostichum danaeifolium Langsd. & Fisch. 7, 12
Adiantopsis radiata (L.) Fée 16, 22, 23
Adiantum amplum C. Presl 10, 12
Adiantum concinnum Humb. & Bonpl. ex Willd. 6, 7, 12, 22, 23
Adiantum pulverulentum L. 7, 10, 12, 16, 18, 19, 22, 23
Adiantum tenerum Sw. 23
Adiantum tetraphyllum Humb. & Bonpl. ex Willd. 7, 13, 18
Adiantum trapeziforme L. 3, 4, 6, 7, 9, 10, 11, 12, 16, 19, 22, 23, 24
Adiantum wilesianum Hook. 7, 12, 19
Ananthacorus angustifolius (Sw.) Underw. & Maxon 22
Hemionitis palmata L. 5, 7, 11, 12, 13, 18, 21
Mildella intramarginalis (Kaulf. ex Link) Trevis. 3
Pellaea ternifolia (Cav.) Link. 19
Pityrogramma calomelanos (L.) Link 3, 7, 10, 11, 12, 13, 19
Pityrogramma ebenea (L.) Proctor 6, 7, 17
Polytaenium feei (W. Schaffn. ex Fée) Maxon 6, 18
Pteris altissima Poir. 2, 5, 6, 7, 11, 12, 13, 15, 17, 18, 24
Pteris grandifolia L. 11
Pteris orizabae M. Martens & Galeotti 5
Pteris podophylla Sw. 17, 18, 21
**Pteris pulchra* Schltdl. & Cham. 5, 11, 13, 18
Pteris pungens Willd. 19
Scoliosorus ensiformis (Hook.) T. Moore 6, 18, 19
Vittaria flavicosta Mickel & Beitel 6
Vittaria graminifolia Kaulf. 3, 5, 7, 13, 18
Vittaria lineata (L.) Sm. 5, 6, 12

Family Saccolomataceae

Saccoloma inaequale (Kunze) Mett. 13, 18, 23

Family Salviniaceae

Salvinia auriculata Aubl. 12, 15
Salvinia minima Baker 7, 11, 12, 15, 16

Family Schizaeaceae

Schizaea elegans (Vahl) Sw. 7

Family Selaginellaceae

- Selaginella delicatissima* Linden ex A. Braun 7, 12, 13, 19
Selaginella guatemalensis Baker 6
Selaginella hoffmannii Hieron. 9, 10, 12, 16
Selaginella illecebrosa Alston 7, 15
Selaginella martensii Spring 5, 7, 17, 19, 23
Selaginella mickelii Valdespino 6, 7, 12
Selaginella oaxacana Spring 12, 13, 18, 19, 23
Selaginella porphyrospora A. Braun 24
Selaginella pulcherrima Liebm. ex E. Fourn. 7, 11, 12, 13, 16, 17, 18, 19, 23
Selaginella reflexa Underw. 13
**Selaginella schiedeana* A. Braun 13, 22
Selaginella schizobasis Baker 6, 7, 10, 11, 12, 16, 17, 22, 23
Selaginella sertata Spring 7
Selaginella silvestris Aspl. 7, 13
Selaginella stellata Spring 4, 7, 18

Family Tectariaceae

- Tectaria heracleifolia* (Willd.) Underw. 2, 3, 4, 5, 7, 9, 10, 11, 12, 13, 15, 16, 18, 20, 22
Tectaria incisa Cav. 7, 10, 11, 12, 15

Family Thelypteridaceae

- Goniopteris blanda* (Fée) Salino & T.E. Almeida (cited in Ibarra & Sinaca, 1987)
Goniopteris hatchii (A.R. Sm.) Á. Löve & D. Löve 13, 18
Goniopteris imbricata (Liebm.) Á. Löve & D. Löve 7
Goniopteris paucipinnata (Donn. Sm.) Salino & T.E. Almeida 6, 18
Goniopteris resiliens (Maxon) Salino & T.E. Almeida 7, 12
**Goniopteris rhachiflexuosa* (Riba) Salino & T.E. Almeida 6, 7, 10, 11, 12, 15
Goniopteris schaffneri (Fée) Salino & T.E. Almeida 7, 23
Goniopteris tetragona (Sw.) C. Presl 7, 12
**Goniopteris tuxtliensis* (T. Krömer, Acebey & A.R. Sm.) Salino & T.E. Almeida 5, 6
Thelypteris atrovirens (C. Chr.) C.F. Reed 18
Thelypteris balbisii (Spreng.) Ching 17
Thelypteris cheilanthoides (Kunze) Proctor 17
Thelypteris ghiesbreghtii (Hook.) C.V. Morton 7, 19
Thelypteris hispidula (Decne.) C.F. Reed 7
Thelypteris meniscioides (Liebm.) C.F. Reed 7, 12, 13, 15, 18, 19, 23
Thelypteris paucipinnata (Donn. Sm.) C.F. Reed 6, 18

Thelypteris resinifera (Desv.) Proctor 6, 18, 19, 23, 24

Thelypteris serrata (Cav.) Alston 7, 13, 18

Gymnosperms

Family Pinaceae

- Pinus montezumae* Lamb. 17, 18
Pinus oocarpa Schiede ex Schltdl. 18, 22, 23

Family Podocarpaceae

- Podocarpus oleifolius* D. Don ex Lamb. 17, 18, 19, 23

Family Zamiaceae

- Ceratozamia mexicana* Brongn. 4, 8, 9, 10, 16, 18, 23
**Ceratozamia miqueliana* H. Wendl. 4, 5, 9, 19, 23, 24
**Zamia furfuracea* Aiton 2, 3, 7, 8, 14, 15, 19, 24
Zamia loddigesii Miq. 7, 8, 11, 20, 23, 24

Angiosperms

Family Acanthaceae

- Aphelandra aurantiaca* (Scheidw.) Lindl. 2, 4, 5, 6, 7, 9, 10, 11, 12, 13, 15, 17, 18, 19, 21, 22, 23, 24
Aphelandra scabra (Vahl) Sm. 10, 11, 12, 15, 23, 29
Aphelandra schiedeana Schltdl. & Cham. 7, 16
Avicennia germinans (L.) L. 7, 8
Barleria oenotheroides Dum. Cours. 10, 12, 15, 21
Elytraria imbricata (Vahl) Pers. 10, 12, 23
Justicia aurea Schltdl. 5, 6, 7, 10, 11, 12, 19
Justicia comata (L.) Lam. 5, 6, 7, 10, 23
**Justicia nevlingii* Wassh. & T.F. Daniel 11
Justicia pectoralis Jacq. 7, 23
Justicia spicigera Schltdl. 7, 10, 12, 17, 21, 23, 24, 25
**Justicia tuxtliensis* T.F. Daniel 6, 7, 10
Lepidagathis alopecuroidea (Vahl) R. Br. ex Griseb. 20
Mendoncia guatemalensis Standl. & Steyerl. 17
Mendoncia retusa Turrill 5, 7, 10, 11, 12
Odontonema albiflorum Leonard 7
Odontonema callistachyum (Schltdl. & Cham.) Kuntze 2, 4, 5, 6, 7, 9, 10, 11, 12, 13, 15, 17, 18, 19, 21, 23, 24
Odontonema tubiforme (Bertol.) Kuntze 12
Pseuderanthemum alatum (Nees) Radlk. 10
Ruellia blechum L. 7, 11, 12, 15, 16, 19, 24
Ruellia foetida Willd. 18, 19, 23
Ruellia jussieuoides Schltdl. & Cham. 14, 21, 22

**Ruellia tuxtlensis* Ramamoorthy & Hornelas 7, 12, 17

Schaueria parviflora (Leonard) T.F. Daniel 3, 5, 6, 7, 10, 11, 12, 24

Stenostephanus silvaticus (Nees) T.F. Daniel 7, 9, 10, 17, 19

Family Achatocarpaceae

Achatocarpus nigricans Triana 7, 9, 10, 23

Family Actinidiaceae

Saurauia aspera Turcz. 5, 7, 19, 23, 24

Saurauia leucocarpa Schltdl. 3, 7

Saurauia scabrida Hemsl. 4, 5, 6, 7, 9, 11, 12, 13, 15, 17, 18, 19, 23

**Saurauia serrata* DC. 6, 7, 9

Saurauia yasicae Loes. 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 16, 17, 19, 23

Family Adoxaceae

Sambucus nigra L. 5, 6, 7, 9, 10, 11, 17, 18, 19, 23, 24

**Viburnum elatum* Benth. 6, 19

Family Alismataceae

Echinodorus paniculatus Micheli 7

Limnocharis flava (L.) Buchenau 10, 15

Sagittaria lancifolia L. 7, 12, 16

Family Alstroemeriaceae

Bomarea acutifolia (Link & Otto) Herb. 11, 19

Bomarea edulis (Tussac) Herb. 11, 12, 15

**Bomarea gloriosa* (Schltdl. & Cham.) M. Roemer 11, 18, 20, 23

Family Altingiaceae

Liquidambar styraciflua L. 5, 6, 7, 11, 12, 13, 16, 17, 18, 19, 22, 23, 24

Family Amaranthaceae

Alternanthera obovata (M. Martens & Galeotti) Millsp. 16, 19

Alternanthera pubiflora (Benth.) Kuntze 18

Alternanthera sessilis (L.) R. Br. 7, 12

Amaranthus greggii S. Watson 7, 10, 12, 19

Amaranthus hybridus L. 7, 11, 15, 19, 20, 24, 29

Amaranthus spinosus L. 7, 8, 10, 11, 12, 14, 15, 16

Celosia argentea L. 7, 12

Chamissoa altissima (Jacq.) Kunth 1, 4, 5, 6, 7, 8, 9, 10, 11, 12

Cyathula achyranthoides (Kunth) Moq. 7, 10, 12

Dysphania ambrosioides (L.) Mosyakin &

Clemants 7, 10, 11, 12, 14, 19, 23, 24

Gomphrena serrata L. 7, 10, 11, 14, 16, 24

Iresine arbuscula Uline & W.L. Bray 3, 5, 6, 7, 12, 13, 18

Iresine diffusa Humb. & Bonpl. ex Willd. 4, 5, 6, 7, 8, 10, 11, 12, 13, 14, 16, 17, 18, 19, 23

Iresine interrupta Benth. 11

Iresine nigra Uline & W.L. Bray 10, 11, 12

Pleuropetalum sprucei (Hook. f.) Standl. 6, 7, 17, 23

Family Amaryllidaceae

Allium glandulosum Link & Otto 4, 23

Allium kunthii G. Don 7, 10

Crinum erubescens Sol. 7, 16

Hymenocallis littoralis (Jacq.) Salisb. 7, 10, 11, 25

Nothoscordum bivalve (L.) Britton 20, 23

Zephyranthes lindleyana Herb. 6

Family Anacardiaceae

Astronium graveolens Jacq. 11, 12

Mosquitoxylum jamaicense Krug & Urb. 7, 10, 11, 12, 18, 19, 22, 23, 24

Rhus terebinthifolia Schltdl. & Cham. 10, 11, 18, 22, 23

Spondias mombin L. 2, 4, 5, 6, 7, 9, 10, 11, 12, 13, 15, 16, 17, 19, 23

Spondias purpurea L. 7, 16, 22, 23, 29

Spondias radlkoferi Donn. Sm. 3, 5, 6, 7, 9, 10, 11, 12, 15, 19, 22

Tapirira mexicana Marchand 3, 5, 6, 7, 9, 10, 11, 12, 16, 19, 22, 23

Toxicodendron radicans (L.) Kuntze 18, 23

Family Annonaceae

Anaxagorea guatemalensis Standl. 19, 24

Annona glabra L. 7,

**Annona globiflora* Schltdl. 10, 11, 16, 22

**Annona longipes* Saff. 7, 11

Annona mucosa Jacq. 3, 5, 6, 7, 11, 12, 13, 18, 19, 23

Annona purpurea Moc. & Sessé ex Dunal 7, 10, 11, 12, 23

Annona rensoniana (Standl.) H. Rainer 7

Annona reticulata L. 2, 7, 10, 11, 12, 13, 18, 23

Annona squamosa L. 19, 23

**Cymbopetalum baillonii* R.E. Fr. 1, 2, 3, 6, 7, 10, 11, 12, 13, 16, 17, 19, 25

Cymbopetalum penduliflorum (Dunal) Baill. 3, 5, 7, 12, 13, 18, 19

**Desmopsis trunciflora* (Schltdl. & Cham.) G.E. Schatz 5, 7, 9, 11, 12

Guatteria anomala R.E. Fr. (cited in Vázquez-Torres et al., 2010)

Guatteria amplifolia Triana & Planch. 5, 7, 10, 11, 17, 19, 21, 23, 24

**Guatteria galeottiana* Baill. 12, 17, 18, 19, 23, 24
Mosannonna depressa (Baill.) Chatrou 3, 5, 6, 7, 9, 10, 11, 12, 15, 17, 18, 23
 **Stenanona flagelliflora* T. Wendt & G.E. Schatz 13
 **Tridimeris hahniana* Baill. 5
Xylopia frutescens Aubl. 19, 23

Family Apiaceae

**Eryngium comosum* F. Delaroché 23
Eryngium foetidum L. 4, 6, 7, 10, 11, 22, 23
Eryngium nasturtifolium Juss. ex F. Delaroché 10
Spananthe paniculata Jacq. 10, 11, 15, 16, 21

Family Apocynaceae

Allamanda cathartica L. 4, 7, 12, 16, 19
Asclepias auriculata Kunth 12, 23
Asclepias curassavica L. 3, 5, 7, 9, 10, 11, 12, 13, 14, 16, 18, 19, 20, 22, 23, 24, 25
Asclepias glaucescens Kunth 23
Asclepias oenotheroides Schltld. & Cham. 5
Asclepias woodsoniana Standl. & Steyerm. 10
Aspidosperma megalocarpon Müll. Arg. 3, 5, 6, 7, 8, 10, 11, 14, 19
Blepharodon mucronatum (Schltld.) Decne. 7, 10, 11, 12, 13, 15, 19, 23
Bruceholstia magnifolia (Pittier) Morillo 3, 5, 6, 7, 11, 12
Cascabela ovata (Cav.) Lippold 18
Cascabela thevetia (L.) Lippold 10, 12, 14, 19
Dictyanthus parviflorus Hemsl. 10, 11, 12, 26
 **Dictyanthus tigrinus* Conz. & Standl. 7, 10, 13
Echites umbellatus Jacq. 7
Fernaldia pandurata (A. DC.) Woodson 10, 11
Fischeria scandens DC. 3, 7, 12, 15, 17
Forsteronia acouci (Aubl.) A. DC 5, 6, 7, 16
Forsteronia myriantha Donn. Sm. 7
Forsteronia spicata (Jacq.) G. Mey. 10
Funastrum bilobum (Hook. & Arn.) J.F. Macbr. 7
Gonolobus ancorifer W.D. Stevens 7
Gonolobus fraternus Schltld. 7, 10, 15, 17
Gonolobus leianthus Donn. Sm. 7, 10
Gonolobus niger (Cav.) R. Br. ex Schult. 28
Gonolobus xanthotrichus Brandegee 6
Jobinia eulaxiflora (Lundell) W.D. Stevens 19
Macroscepis diademata (Ker Gawl.) W.D. Stevens 7, 11, 13
Mandevilla subsagittata (Ruiz & Pav.) Woodson 8, 11, 12, 23
 **Marsdenia coulteri* Hemsl. 7, 10, 11, 15
 **Marsdenia popoluca* Juárez-Jaimes & A. Campos 7

Marsdenia propinqua Hemsl. 2, 5, 6, 7, 10, 11, 12, 16, 18
 **Marsdenia rzedowskiana* Juárez-Jaimes & W.D. Stevens 13, 18
 **Matelea pilosa* (Benth.) Woodson 7, 11
Matelea velutina (Schltld.) Woodson 10
Mesechites trifidus (Jacq.) Müll. Arg. 10
Metalepis peraffinis (Woodson) Morillo 6, 7
Metastelma barbigerum Scheele 12
Metastelma schlechtendalii Decne. 7, 23
Orthosia glaberrima (Woodson) W.D. Stevens 7
Oxypetalum cordifolium (Vent.) Schltr. 3, 7, 11, 12, 18, 19, 23
Pentalinon andrieuxii (Müll. Arg.) B.F. Hansen & Wunderlin 10, 23
Plumeria rubra L. 6, 7, 10, 11, 12, 15, 16, 18, 19, 24
 **Prestonia clandestina* J.F. Morales 6, 7, 12, 16
Prestonia guatemalensis Woodson 5, 7, 11, 25
Prestonia longifolia (Sessé & Moc.) J.F. Morales 5, 7, 8, 10, 12, 15
Prestonia mexicana A. DC. 7, 10, 11, 12, 17, 18, 19, 21, 29
Prestonia portobellensis (Beurl.) Woodson 4, 7, 15, 19
Prestonia speciosa Donn. Sm. 7, 12
Rauwolfia tetraphylla L. 5, 7, 9, 10, 11, 15, 16, 20, 22
Rhabdadenia biflora (Jacq.) Müll. Arg. 7, 8
Seutera angustifolia (Pers.) Fishbein & W.D. Stevens 12
Tabernaemontana alba Mill. 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 15, 16, 17, 18, 19, 20, 23, 24
Tabernaemontana arborea Rose 3, 6, 7, 19
Tabernaemontana citrifolia L. 7, 10, 11, 12, 15, 16, 19, 24
Tabernaemontana donnell-smithii Rose 3, 5, 6, 7, 10, 11, 12, 13, 16, 17, 18, 19, 20
Tabernaemontana litoralis Kunth 3, 5, 6, 7, 11, 12, 15, 17, 18, 19, 23
Tabernaemontana odontadeniiflora A.O. Simões & M.E. Endress 17, 19, 23
Thevetia ahouai (L.) A. DC. 6, 7, 10, 11, 12, 15, 18, 19, 20, 23, 24, 25, 29

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Ilex belizensis Lundell 4, 17, 18, 23
Ilex costaricensis Donn. Sm. 3, 5, 6, 7, 15, 16, 17, 18, 19, 23, 24
Ilex discolor Hemsl. 6, 7
Ilex quercetorum I.M. Johnst. 6, 7

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Anthurium andicola Liebm. 17, 18, 23

Anthurium flexile Schott 5, 6, 7, 10, 11, 12, 16, 17, 18, 19, 24
Anthurium lucens Standl. 12, 17, 18, 23
Anthurium pedatoradiatum Schott 4, 7, 10, 16
Anthurium pentaphyllum (Aubl.) G. Don 6, 7, 11, 14, 17, 19
Anthurium scandens (Aubl.) Engl. 5, 6, 7, 8, 10, 11, 12, 13, 14, 16, 17, 18, 19, 22, 23
Anthurium schlechtendalii Kunth 4, 5, 6, 7, 8, 10, 11, 12, 16, 18, 21, 23
Anthurium verapazense Engl. 12, 14, 16, 17, 18, 22, 23
Dieffenbachia oerstedii Schott 6, 7, 8, 9, 10, 11, 12, 13, 15, 16, 17, 19, 25
Dieffenbachia seguine (Jacq.) Schott 4, 5, 7, 11, 12, 19, 25
Dieffenbachia wendlandii Schott 7, 13
Lemna aequinoctialis Welw. 16
Monstera acuminata K. Koch 5, 6, 7, 8, 10, 12, 13, 19
Monstera deliciosa Liebm. 6, 7, 11, 13, 17, 18, 19
Monstera egregia Schott 5, 6, 7, 12, 13, 18, 19
Monstera punctulata (Schott) Schott ex Engl. 6, 10, 11, 12
Monstera tuberculata Lundell 5, 6, 7, 12, 19, 23
**Philodendron advena* Schott 18
Philodendron hederaceum (Jacq.) Schott 2, 5, 6, 7, 12
Philodendron jacquinii Schott (cited in Croat & Acebey, 2015)
Philodendron inaequilaterum Liebm. 5, 7, 9, 12
Philodendron radiatum Schott 7, 11, 16, 19
Philodendron sagittifolium Liebm. 5, 7, 10, 12, 15, 18, 24
Philodendron seguine Schott 5, 6, 7, 9, 12, 13, 17, 18, 19, 23, 24
Philodendron standleyi Grayum 6
Philodendron tuerckheimii Grayum (cited in Croat & Acebey, 2015)
Philodendron tripartitum (Jacq.) Schott 6, 7, 8, 16, 18, 23, 24
Pistia stratiotes L. 7, 11, 12, 15, 16, 19
Rhodospatha wendlandii Schott 5, 7, 19
**Spathiphyllum brevirostre* (Jacq.) Schott (cited in Croat & Acebey, 2015)
Spathiphyllum cochlearispathum (Liebm.) Engl. 3, 6, 7, 10, 11, 12, 15, 16, 17, 18, 19,
Spathiphyllum ortgiesi Regel 2, 4, 6, 7, 10, 12, 14, 16, 17, 18, 19, 23, 24
Syngonium angustatum Schott 11, 12, 16, 19, 23
**Syngonium chiapense* Matuda 5, 6, 7, 12, 13, 15, 18, 19
Syngonium neglectum Schott 6, 7

Syngonium podophyllum Schott 2, 3, 5, 6, 7, 8, 10, 11, 12, 16, 17, 20, 21, 23
**Syngonium sagittatum* G.S. Bunting 7
Syngonium schottianum H. Wendl. ex Schott 7
Xanthosoma robustum Schott 7, 9, 12
Xanthosoma wendlandii (Schott) Schott 7

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Dendropanax arboreus (L.) Decne. & Planch. 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 23, 24, 26, 29
Dendropanax leptopodus (Donn. Sm.) A.C. Sm. 18
Dendropanax schippii (A.C. Sm.) A.C. Sm. 6, 15, 18
Hydrocotyle bonariensis Lam. 2, 7, 16, 17
Hydrocotyle mexicana Schtdl. & Cham. 3, 5, 6, 24
Hydrocotyle umbellata L. 3, 7
Oreopanax capitatus (Jacq.) Decne. & Planch. 5, 6, 7, 10, 11, 12, 13, 14, 18, 19
Oreopanax guatemalensis (Lem. ex Bosse) Decne. & Planch. 3, 4, 5, 6, 7, 8, 9, 11, 12, 18
Oreopanax liebmannii Marchal 7, 9, 12, 13, 17, 18
Oreopanax platyphyllum Marchal 7
Oreopanax xalapensis (Kunth) Decne. & Planch. 5, 6, 7, 11, 17, 19

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Acrocomia aculeata (Jacq.) Lodd. ex Mart. 7, 12, 15, 16, 20, 21, 23
Astrocaryum mexicanum Liebm. ex Mart. 2, 6, 7, 8, 10, 11, 12, 13, 15, 16, 17, 19, 20, 23
Attalea butyracea (Mutis ex L. f.) Wess. Boer 14
Attalea liebmannii (Becc.) Zona 2, 7, 9, 10, 15, 16
Bactris mexicana Liebm. ex Mart. 6, 7, 12, 16, 18, 19
**Chamaedorea alternans* H. Wendl. 6, 7, 11, 12, 13, 17, 19
Chamaedorea elatior Mart. 5, 6, 7, 11, 12, 13, 17, 18, 19, 21, 23
Chamaedorea elegans Liebm. ex Mart. 5, 6, 10, 11, 13, 17, 18, 19, 21, 24
Chamaedorea ernesti-augusti H. Wendl. 2, 5, 6, 7, 10, 11, 12, 13, 15, 18, 19, 23, 24
**Chamaedorea hooperiana* Hodel 11, 13
Chamaedorea liebmannii Mart. 6, 7, 11, 13, 18, 19, 23, 24
**Chamaedorea microspadix* Burret 5, 18
Chamaedorea oblongata Mart. 1, 5, 6, 7, 10, 11, 12, 13, 16, 17, 23
Chamaedorea pinnatifrons (Jacq.) Oerst. 5, 6, 7, 9, 10, 11, 12, 13, 15, 16, 17, 18, 19, 23, 24

Chamaedorea tenella H. Wendl. 11, 12, 13, 15, 17, 19, 23
Chamaedorea tepejilote Liebm. 2, 3, 4, 5, 6, 7, 9, 10, 11, 12, 17, 18, 19
Chamaedorea tuerckheimii (Dammer) Burret 13, 14, 16, 17, 18
Chamaedorea woodsoniana L.H. Bailey 5, 6, 7, 13, 19, 24
Desmoncus ferox Bartlett 6, 7, 12, 16
Desmoncus orthacanthos Mart. 7, 16, 17, 19, 23
Geonoma interrupta (Ruiz & Pav.) Mart. 6, 7, 19
Geonoma oxycarpa Mart. 7, 11, 19,
Reinhardtia gracilis (H. Wendl.) Drude ex
 Dammer 5, 6, 7, 8, 9, 10, 11, 12, 13, 16, 17, 18, 19, 23
Roystonea dunlapiana P.H. Allen (cited in Vázquez-Torres et al., 2010)
Sabal mexicana Mart. 10
Synechanthus fibrosus (H. Wendl.) H. Wendl. 5, 11, 13, 17, 18, 21

Family Aristolochiaceae

Aristolochia grandiflora Sw. 4, 5, 7, 10, 11, 12, 19, 23
 **Aristolochia impudica* J.F. Ortega 20, 23
Aristolochia odoratissima L. 5
Aristolochia ovalifolia Duch. 3, 4, 5, 7, 12, 18, 19, 20, 24
Aristolochia pentandra Jacq. 10, 19, 22
 **Aristolochia veracruzana* J.F. Ortega 3, 10, 11, 16, 23

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Agave angustifolia Haw. 7
 **Echeandia albiflora* (Schltdl. & Cham.) M. Martens & Galeotti 22, 23
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Maianthemum amoenum (H.L. Wendl.) LaFrankie 6, 18
 **Maianthemum macrophyllum* (M. Martens & Galeotti) LaFrankie 5
Maianthemum paniculatum (M. Martens & Galeotti) LaFrankie 6, 7, 12, 13, 17, 18, 19, 23, 24
Manfreda scabra (Ortega) McVaugh 23
Yucca guatemalensis Baker 12, 23
 **Yucca lacandonica* Gómez-Pompa & J. Valdés 13, 17, 18, 21, 22, 23

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Achillea millefolium L. 18
Acmella radicans (Jacq.) R.K. Jansen 7, 11, 12, 15, 20
Acmella repens (Walter) Rich. 6, 7, 12, 15
 **Adenophyllum aurantium* (L.) Strother 19

Ageratina ligustrina (DC.) R.M. King & H. Rob. 6
Ageratina pazcuarensis (Kunth) R.M. King & H. Rob. 7
Ageratina pichinchensis (Kunth) R.M. King & H. Rob. 6, 7, 12, 23
Ageratum conyzoides L. 7, 10, 11, 13, 23
Ageratum houstonianum Mill. 4, 7, 10, 11, 12, 17, 23
Aldama dentata La Llave 6, 7, 10, 11, 12, 15, 16
Ambrosia peruviana Willd. 3, 7, 15, 17, 19
 **Archibaccharis tuxtliensis* G.L. Nesom 5, 6
Artemisia ludoviciana Nutt. 21, 23
Baccharis trinervis (Lam.) Pers. 4, 7, 9, 11, 15, 16, 18, 22, 23
Baltimora recta L. 7, 11, 12
Bartlettina platyphylla (B.L. Rob.) R.M. King & H. Rob. 6, 7, 11, 12, 18
Bartlettina tuerckheimii (Klatt) R.M. King & H. Rob. 12, 16, 17, 23
Bidens alba (L.) DC. 3, 7, 19
Bidens odorata Cav. 7, 10, 19
Bidens pilosa L. 7, 10, 11, 12, 13, 18, 19, 23
Brickellia diffusa (Vahl) A. Gray 19, 24
Brickellia paniculata (Mill.) B.L. Rob. 22
Calea longipedicellata B.L. Rob. & Greenm. 22, 23
Calea ternifolia Kunth 3, 7, 10, 11, 12, 18, 20, 23, 24
Calea urticifolia (Mill.) DC. 4, 6, 7, 10, 11, 12, 20, 23
Calyptocarpus vialis Less. 7
Chaptalia nutans (L.) Pol. 3, 4, 5, 6, 7, 10, 11, 16, 18, 19, 22, 23, 24
Chromolaena collina (DC.) R.M. King & H. Rob. 12, 16, 23
Chromolaena ivifolia (L.) R.M. King & H. Rob. 10, 16
Chromolaena odorata (L.) R.M. King & H. Rob. 6, 7, 10, 11, 12, 13, 14, 15, 20, 23
Cirsium mexicanum DC. 5, 6, 7, 10, 18, 19, 24
Cirsium subcoriaceum (Less.) Sch. Bip. 6
Clibadium arboreum Donn. Sm. 4, 6, 7, 9, 10, 11, 12, 13, 15, 17, 18, 20, 21, 23
Conyza bonariensis (L.) Cronquist 6, 7, 11, 12
Conyza canadensis (L.) Cronquist 7, 10, 11, 12, 18, 19, 23
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Cosmos caudatus Kunth 10, 11, 12, 18, 20, 22, 23
Critonia billbergiana (Beurl.) R.M. King & H. Rob. 7
Critonia daleoides DC. 6, 7, 10, 11, 12, 18, 23

- Critonia hospitalis* (B.L. Rob.) R.M. King & H. Rob. 6, 12, 18, 23
Critonia morifolia (Mill.) R.M. King & H. Rob. 6, 7, 11, 12, 15, 18, 19, 23
Critonia quadrangularis (DC.) R.M. King & H. Rob. 11, 12, 20, 23, 24
Critonia sexangularis (Klatt) R.M. King & H. Rob. 17, 18, 19
Critoniopsis leiocarpa (DC.) H. Rob. 23
Critoniopsis triflosculosa (Kunth) H. Rob. 11, 12, 15
Delilia biflora (L.) Kuntze 6, 7, 10, 11, 15, 20, 21, 23, 24
Eclipta prostrata (L.) L. 6, 7, 9, 10, 11, 12
Egletes liebmannii Sch. Bip. ex Klatt 9, 10
Elephantopus mollis Kunth 19
Epaltes mexicana Less. 2, 4, 7, 9, 10, 12, 16, 23
Erechtites hieracifolius (L.) Raf. ex DC. 6, 7, 10, 12, 13, 15, 19, 20, 23, 24
Erechtites valerianifolius (Link ex Spreng.) DC. 11
Erigeron karvinskianus DC. 5, 6
Espejoa mexicana DC. 10
**Eupatoriastrium johnbeamianii* B.L. Turner 6, 17
Fleischmannia pycnocephala (Less.) R.M. King & H. Rob. 7, 9, 10, 11, 12, 18, 20, 23, 24
Galeana pratensis (Kunth) Rydb. 2, 11, 12, 15
Galinsoga parviflora Cav. 5, 6, 7, 12, 13, 24
Gamochaeta americana (Mill.) Wedd. 5, 6
Hebeclinium macrophyllum (L.) DC. 6, 7, 12, 19
Heliopsis buphthalmoides (Jacq.) Dunal 6, 7
Hidalgoa ternata La Llave 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 16, 18, 19, 23
Hymenostephium cordatum (Hook. & Arn.) S.F. Blake 12
Jaegeria hirta (Lag.) Less. 6, 24
Koanophyllon albicaule (Sch. Bip. ex Klatt) R.M. King & H. Rob. 6, 7, 15, 23
Koanophyllon pittieri (Klatt) R.M. King & H. Rob. 3, 4, 6, 7, 8, 9, 10, 11, 12, 13, 16, 17, 19, 21, 24
Koanophyllon solidaginoides (Kunth) R.M. King & H. Rob. 6, 7, 12
Lagascea helianthifolia Kunth 10, 11, 12, 19, 23, 28
Lagascea mollis Cav. 11, 15
Lasianthaea fruticosa (L.) K.M. Becker 5, 10, 11, 12, 15, 16, 18, 19, 20, 23, 28
Lepidaploa canescens (Kunth) H. Rob. 23
Lepidaploa salzmännii (DC.) H. Rob. 6, 7, 18, 19, 23, 24
Lepidaploa tortuosa (L.) H. Rob. 7, 11, 12, 13, 16, 19, 22, 23
**Loxothysanus sinuatus* (Less.) B.L. Rob. 11, 18, 19, 22, 23
Melampodium americanum L. 3, 10, 11, 12, 14, 15, 19, 23, 24, 28, 29
Melampodium diffusum Cass. 28
Melampodium divaricatum (Rich.) DC. 3, 4, 6, 7, 8, 9, 10, 11, 12, 13, 15, 17, 19, 20
Melanthera nivea (L.) Small 5, 6, 7, 10, 11, 12, 23
Mikania cordifolia (L. f.) Willd. 7, 9, 12, 21, 22
Mikania gonzalezii B.L. Rob. & Greenm. 3, 7, 9, 16, 19
Mikania houstoniana (L.) B.L. Rob. 2, 6, 7, 11, 12, 16, 17, 18, 19, 24
Mikania leiostachya Benth. 6, 7, 11, 12
Mikania micrantha Kunth 7, 11, 12, 17, 18, 19, 22, 23
**Mikania neei* W.C. Holmes 8
Mikania pyramidata Donn. Sm. 9, 18, 24
Mikania tonduzii B.L. Rob. 3, 6, 7, 12, 13, 17, 18, 21
Millieria quinqueflora L. 6, 7, 10, 11, 12, 15, 29
**Montanoa grandiflora* Alamán ex DC. 7, 10, 12, 13, 23
Neomirandea araliifolia (Less.) R.M. King & H. Rob. 5, 6, 7, 9, 10, 11, 12, 14, 19
**Neurolaena lamina* B.L. Turner 6, 7, 17
Neurolaena lobata (L.) Cass. 6, 7, 10, 12, 16, 17, 19, 20, 21, 23, 24
**Neurolaena macrocephala* Sch. Bip. ex Hemsl. 6, 7, 10, 11, 12, 18, 19
Orthopappus angustifolius (Sw.) Gleason 19, 29
Otopappus curviflorus (R. Br.) Hemsl. 10, 11, 12
**Palafoxia lindenii* A. Gray 7
Palafoxia texana DC. 12
Parthenium hysterophorus L. 7, 11, 12, 23
Pectis bonplandiana Kunth 16
Pectis elongata Kunth 10, 11, 15, 20, 24
Peteravenia schultzii (Schnittsp.) R.M. King & H. Rob. 6, 7, 11, 12, 15, 16, 17
Piptocarpha poeppigiana (DC.) Baker 6, 7, 9, 19
Pityopsis graminifolia (Michx.) Nutt. 11, 12, 23
Pluchea carolinensis (Jacq.) G. Don 11, 16, 21
Pluchea odorata (L.) Cass. 9, 10, 16
Podachaenium eminens (Lag.) Sch. Bip. 6, 7, 11, 20
Porophyllum macrocephalum DC. 3, 7, 10, 11, 12, 22, 24, 29
Porophyllum punctatum (Mill.) S.F. Blake 12
Pseudelephantopus spicatus (Juss. ex Aubl.) C.F. Baker 3, 6, 7, 10, 11, 12, 16, 23, 24
Pseudognaphalium attenuatum (DC.) Anderb. 5, 6, 7, 11, 12, 15, 23, 24
Pseudogynoxys chenopodioides (Kunth) Cabrera 5, 6, 12
Pseudogynoxys haenkei (DC.) Cabrera 6, 10, 11, 12, 22

Rensonia salvadorica S.F. Blake 11
Salmea scandens (L.) DC. 23, 24
 **Schistocarpha bicolor* Less. 7, 12, 13, 18
Schistocarpha eupatorioides (Fenzl) Kuntze 6, 7, 9, 10, 11, 12, 16, 17, 19, 20, 23
Sclerocarpus divaricatus (Benth.) Hemsl. 20, 24
Sinclairia discolor Hook. & Arn. 5, 6, 7, 9, 11, 12, 16, 17, 18, 21
Sinclairia polyantha (Klatt) Rydb. 5, 6, 7, 11, 12, 17, 18, 19, 23
 **Sinclairia sericolepis* (Hemsl.) Rydb. 7
Sinclairia sublobata (B.L. Rob.) Rydb. 10, 11
Smallanthus maculatus (Cav.) H. Rob. 4, 5, 6, 7, 8, 9, 10, 12, 23
Smallanthus oaxacanus (Sch. Bip. ex Klatt) H. Rob. 18, 22, 23
Solidago sempervirens L. 3, 6, 7, 8, 10
Sphagneticola trilobata (L.) Pruski 7, 9
 **Stevia monardifolia* Kunth 11,
Stevia ovata Willd. 6, 23, 29
Symphyotrichum bullatum (Sch. Bip. ex Klatt) G.L. Nesom 18, 23, 28
Symphyotrichum expansum (Poepp. ex Spreng.) G.L. Nesom 6, 7, 9, 10, 22, 24
 **Symphyotrichum schaffneri* (Sch. Bip. ex S.D. Sundb. & A.G. Jones) G.L. Nesom 11, 12, 15, 18, 23
Synedrella nodiflora (L.) Gaertn. 6, 7, 11, 14
Tagetes erecta L. 7, 12, 14, 23, 24
Tagetes filifolia Lag. 7, 17, 18, 23
Tagetes lucida Cav. 10, 12, 14, 19, 21, 23
Telanthophora grandifolia (Less.) H. Rob. & Brettell 5, 6, 7, 9, 10, 11, 12, 14, 15, 16, 17, 18, 19, 23, 24
Tithonia diversifolia (Hemsl.) A. Gray 7, 10, 11, 12, 15, 19, 23, 29
Tithonia tubiformis (Jacq.) Cass. 12, 24
Tridax procumbens L. 7, 10, 11, 12, 14, 15, 20, 24
Trixis inula Crantz 6, 7, 10, 11, 12, 23
Tuxtla pittieri (Greenm.) Villaseñor & Strother 6, 7, 11, 17, 19
Verbesina crocata (Cav.) Less. 2, 4, 7, 8, 9, 10, 11, 12, 13
Verbesina fraseri Hemsl. 6, 7, 9, 12, 17
Verbesina myriocephala Sch. Bip. ex Klatt 7
Verbesina persicifolia DC. 2, 7, 10, 12, 19, 23
 **Verbesina robinsonii* (Klatt) Fernald ex B.L. Rob. & Greenm. 10, 11, 12, 15, 23
Verbesina turbacensis Kunth 3, 6, 7, 10, 11, 12, 15, 18, 19, 20, 21, 23,
Vernonanthura patens (Kunth) H. Rob. 5, 6, 7, 9, 10, 11, 12, 14, 16, 18, 19, 23, 24, 29
Wedelia acapulcensis Kunth 7, 23, 29
Zexmenia serrata La Llave 9, 12, 13, 23

Zinnia elegans Jacq. 7, 11, 12, 23

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Helosis cayennensis (Sw.) Spreng. 5, 7, 11, 17, 18, 19

Family Begoniaceae

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Begonia glabra Aubl. 6, 7, 12, 13, 14, 16, 17, 18, 21
Begonia heracleifolia Schtdl. & Cham. 10, 11, 12, 18, 23, 24, 25
Begonia manicata Brongn. ex F. Cels. 7
Begonia nelumbonifolia Schtdl. & Cham. 2, 5, 6, 7, 8, 11, 12, 13, 16, 19, 20, 23
Begonia pustulata Liebm. 7, 12
 **Begonia sousae* Burt-Utley 7, 9, 11, 12, 18
Begonia thiemei C. DC. 7, 9, 12

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Carpinus tropicalis (Donn. Sm.) Lundell 5, 6, 10, 11, 18

Family Bignoniaceae

Adenocalymma inundatum Mart. ex DC. 7, 10, 11
 **Adenocalymma sousae* A.H. Gentry 7, 15
Amphilophium crucigerum (L.) L.G. Lohmann 6, 7, 11, 12, 15, 17
Amphilophium paniculatum (L.) Kunth 5, 6, 7, 8, 11, 12, 15, 17, 18, 22, 23, 24
Amphitecna apiculata A.H. Gentry 1, 2, 7, 9, 10, 15, 19, 25
Amphitecna latifolia (Mill.) A.H. Gentry 7, 8, 12, 15, 18, 19
 **Amphitecna tuxtliensis* A.H. Gentry 3, 5, 6, 7, 8, 9, 10, 11, 12, 13, 15, 16, 17, 19, 23
Anemopaegma chrysanthum Dugand 5, 7, 10, 11, 12, 15, 16, 18
Anemopaegma chrysoleucum (Kunth) Sandwith 7, 8, 17, 24
Bignonia aequinoctialis L. 7, 8, 10, 16
Bignonia binata Thunb. 7, 8, 12, 15, 25
Bignonia hyacinthina (Standl.) L.G. Lohmann 7
Bignonia neoheterophylla L.G. Lohmann 5, 10, 11, 12
Bignonia potosina (K. Schum. & Loes.) L.G. Lohmann 6, 7
Callichlamys latifolia (Rich.) K. Schum. 6, 7, 17
Crescentia cujete L. 11, 12, 15, 22
Cuspidaria inaequalis (DC. ex Splitg.) L.G. Lohmann 7, 15
Dolichandra quadrivalvis (Jacq.) L.G. Lohmann 16

Dolichandra uncata (Andrews) L.G. Lohmann 7, 8, 11, 12, 15
Dolichandra unguis-cati (L.) L.G. Lohmann 6, 7, 11, 15, 16
Fridericia candicans (Rich.) L.G. Lohmann 7, 10
Fridericia florida (DC.) L.G. Lohmann 6, 7
Fridericia pubescens (L.) L.G. Lohmann 10, 11, 15
Fridericia schumanniana (Loes.) L.G. Lohmann 7, 9, 11
Handroanthus chrysanthus (Jacq.) S.O. Grose 7, 13, 17
Handroanthus guayacan (Seem.) S.O. Grose 6, 7
Mansoa hymenaea (DC.) A.H. Gentry 6, 7, 13, 18
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Cantinoa mutabilis (Rich.) Harley & J.F.B. Pastore 7, 10, 11, 12, 14, 15, 23
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Condea verticillata (Jacq.) Harley & J.F.B. Pastore 7, 10, 11, 12, 13, 16, 19, 23, 24
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Hyptis capitata Jacq. 4, 7, 10, 18, 19, 23
Ocimum campechianum Mill. 7, 10, 12, 23, 24, 29
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 **Scutellaria splendens* Link, Klotzsch & Otto 7, 11, 16
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Cinnamomum triplinerve (Ruiz & Pav.) Kosterm. 6, 7, 8, 11, 12, 16, 20, 23
Licaria capitata (Schltdl. & Cham.) Kosterm. 12, 16, 19, 20, 21, 23
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Nectandra hihua (Ruiz & Pav.) Rohwer 2, 3, 5, 6, 7, 15, 16
Nectandra lundellii C.K. Allen 3, 5, 6, 7
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Ocotea effusa (Meisn.) Hemsl. 5, 6, 7, 18, 19
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 **Ocotea uxpanapana* T. Wendt & van der Werff 6, 7, 11, 12, 19
Ocotea veraguensis (Meisn.) Mez 5, 7, 9, 11, 20
 **Ocotea verticillata* Rohwer 2, 4, 5, 6, 7, 9, 10, 11, 19, 24
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Byrsonima crassifolia (L.) Kunth 3, 5, 6, 7, 8, 10, 11, 12, 13, 15, 16, 18, 19, 20, 21, 22, 23, 24
Callaeum malpighioides (Turcz.) D.M. Johnson 10, 21
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Heteropterys laurifolia (L.) A. Juss. 5, 7, 12, 15, 16, 17, 23
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Malpighia glabra L. 4, 7, 9, 10, 11, 12, 13, 15, 16, 17, 23
 **Malpighia latifolia* F.K. Mey. 7
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Psychopterys rivularis (C.V. Morton & Standl.) W.R. Anderson & S. Corso 7
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Anoda cristata (L.) Schltl. 7, 8, 10, 11, 12, 13
Apeiba tibourbou Aubl. 7, 9, 10, 11, 12, 15, 16,
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Corchorus hirtus L. 10, 16, 24
Corchorus siliquosus L. 7, 10, 11, 23, 24
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Hampea integerrima Schltl. 6, 7, 10, 12, 18
 **Hampea nutricia* Fryxell 2, 3, 4, 6, 7, 9, 10, 11,
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Hampea rovirosae Standl. 7, 9, 10, 11, 12, 13,
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Helicteres guazumifolia Kunth 5, 10, 11, 12, 17,
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Heliocarpus americanus L. 7, 11, 15, 17, 18, 23
Heliocarpus appendiculatus Turcz. 3, 4, 5, 6, 7,
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Malachra fasciata Jacq. 7, 10, 17, 20, 25
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Malvaviscus achanioides (Turcz.) Fryxell 12, 17
Malvaviscus arboreus Cav. 3, 4, 5, 6, 7, 9, 10,
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 **Malvaviscus oaxacanus* Standl. 15, 20
Melochia pyramidata L. 4, 7, 10, 16
Melochia spicata (L.) Fryxell 8, 10, 16, 18, 19,
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Mortoniendron guatemalense Standl. &
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**Mortoniendron palaciosii* Miranda 7
Ochroma pyramidale (Cav. ex Lam.) Urb. 3, 7,
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Pachira aquatica Aubl. 2, 3, 7, 8, 9, 10, 11, 12,
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Pavonia integrifolia Standl. 10
Pavonia schiedeana Steud. 4, 5, 6, 7, 9, 10, 11,
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 **Trichospermum galeottii* (Turcz.) Kosterm. 3, 4,
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Trichospermum lessertianum (Hochr.) Dorr 5, 7,
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Calathea microcephala (Poepp. & Endl.) Körn. 7,
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 **Calathea sosandradeana* H. Kenn. & Ganders
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Maranta arundinacea L. 5, 6, 7, 10, 11, 12, 15, 17, 19, 22, 23, 28
Maranta gibba Sm. 4, 7, 8, 11, 12, 18, 23, 24
Stromanthe macrochlamys (Woodson & Standl.) H.A. Kenn. & Nicolson 6, 7, 12, 13, 16, 18, 23
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Adelobotrys adscendens (Sw.) Triana 7
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Centradenia inaequilateralis (Schltdl. & Cham.) G. Don 7, 9, 17, 18, 19, 23
Clidemia dentata Pav. ex D. Don 7, 16, 19
Clidemia fulva Gleason 10, 11, 12, 13, 14, 17, 18, 19, 23
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Clidemia sericea D. Don 18, 23
Clidemia setosa (Triana) Gleason 3, 7, 11, 12, 13, 17
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Conostegia icosandra (Sw. ex Wikstr.) Urb. 6, 7, 13, 17, 18, 19, 21, 23
Conostegia superba D. Don ex Naudin 12, 16, 18, 19
Conostegia volcanalis Standl. & Steyerl. 5, 6, 7, 11, 12, 17, 18, 19, 23
Conostegia xalapensis (Bonpl.) D. Don ex DC. 3, 4, 5, 6, 7, 9, 10, 11, 12, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 25, 29
Heterocentron subtriplinervium (Link & Otto) A. Braun & C.D. Bouché 19
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Miconia fulvostellata L.O. Williams 3, 4, 5, 7, 9, 12
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Guarea grandifolia DC. 2, 3, 5, 6, 7, 9, 11, 12, 17, 18, 19
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**Trichilia japurensis* C. DC. 3, 6, 7, 11, 12, 13, 16
Trichilia martiana C. DC. 1, 2, 3, 5, 6, 7, 8, 10, 11, 12
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Trichilia pallida Sw. 1, 5, 6, 7, 8, 10, 12, 13, 16
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Abuta panamensis (Standl.) Krukoff & Barneby 6, 7, 11, 15, 16, 17, 20
Cissampelos fasciculata Benth. 5, 6, 17, 23
Cissampelos grandifolia Triana & Planch. 11, 17
Cissampelos pareira L. 6, 7, 10, 11, 12, 13, 17, 18, 19, 22, 23, 24
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Brosimum guianense (Aubl.) Huber 7, 14, 23
Castilla elastica Sessé ex Cerv. 7, 10, 11, 12, 15, 19, 22
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Dorstenia contrajerva L. 5, 7, 10, 11, 12, 14, 16, 19, 23, 24
Ficus americana Aubl. 3, 7, 10, 11, 12, 16, 19
Ficus apollinaris Dugand 6, 7, 9, 11, 12, 13, 16, 19, 24
Ficus aurea Nutt. 3, 6, 7, 8, 10, 11, 12, 16, 18, 19, 20, 23
Ficus colubrinae Standl. 5, 6, 7, 10, 11, 12, 13, 16, 19, 23
Ficus cotinifolia Kunth 7, 10, 11, 12, 16
Ficus crassinervia Desf. ex Willd. 12
Ficus crocata (Miq.) Miq. 7, 11, 12, 16
Ficus insipida Willd. 5, 6, 7, 8, 9, 10, 11, 12, 13, 15, 16, 18, 19, 21, 23
**Ficus lapathifolia* (Liebm.) Miq. 7
Ficus maxima Mill. 6, 7, 10, 11, 12, 13, 17
Ficus obtusifolia Kunth 2, 6, 7, 10, 11, 12, 16
Ficus paraensis (Miq.) Miq. 7
Ficus pertusa L. f. 6, 7, 9, 10, 11, 12, 15, 16, 17, 22, 23, 29
**Ficus rzedowskiana* Carvajal & Cuevas-Figueroa 7, 10, 11, 12
Ficus trigonata L. 4, 6, 7, 11, 16, 19
Ficus velutina Humb. & Bonpl. ex Willd. 4, 5, 6, 7, 11, 12, 17
Ficus yoponensis Desv. 3, 6, 7, 10, 11, 12, 15, 16, 19

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Pseudolmedia spuria (Sw.) Griseb. 7, 11
Trophis chiapensis Brandegees 7, 16, 19
Trophis mexicana (Liebm.) Bureau 3, 4, 5, 6, 7, 10, 11, 12, 14, 16, 17, 19, 20, 21, 23
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Muntingia calabura L. 4, 7, 10, 11, 12, 18, 19, 22, 23, 24, 29

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Morella cerifera (L.) Small 5, 6, 7, 17, 18, 22, 23

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Componeura mexicana (Hemsl.) Janovec 5
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Calyptanthes chytraculia (L.) Sw. 5, 7, 13, 19
Calyptanthes megistophylla Standl. 7, 8
Calyptanthes millspaughii Urb. 6, 8, 11, 23
Calyptanthes pallens Griseb. 6, 7, 11
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Eugenia acapulcensis Steud. 5, 6, 7, 8, 9, 10, 12, 15, 17, 19, 22, 23, 29
Eugenia aeruginea DC. 5, 6, 7, 8, 10
Eugenia capuli (Schltdl. & Cham.) Hook. & Arn. 4, 5, 6, 7, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 22, 23, 25, 28
Eugenia choapamensis Standl. 10, 19
**Eugenia colipensis* O. Berg 6, 7, 11
**Eugenia inirebensis* P.E. Sánchez 6, 7, 11, 12
**Eugenia karwinskyana* O. Berg 5, 6, 10, 19, 24
**Eugenia mexicana* Steud. 2, 5, 6, 7, 9, 11, 12, 17, 21, 24
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**Eugenia sotoesparzae* P.E. Sánchez 6, 7, 8, 19, 24
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Siparuna thecaphora (Poepp. & Endl.) A. DC. 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 23, 24

Family Smilacaceae

Smilax aristolochiifolia Mill. 7, 12, 19, 23
Smilax laurifolia L. 1, 7, 11, 18, 19, 22, 23

Smilax mollis Humb. & Bonpl. ex Willd. 6, 7, 8, 9, 10, 11, 12, 15, 17, 18, 20, 23, 24
Smilax officinalis Kunth 2, 7
Smilax regelii Killip & C.V. Morton 7, 10, 12, 17
Smilax spinosa Mill. 7, 12, 16, 20

Family Solanaceae

Brachistus nelsonii (Fernald) D'Arcy, J.L. Gentry & Averett 5, 7, 11, 12, 16, 19, 24
Brachistus stramoniiifolius (Kunth) Miers 15
Capsicum annum L. 7, 10, 11, 12, 14, 16, 19, 20, 22, 23, 24
Capsicum lanceolatum (Greenm.) C.V. Morton & Standl. 13, 18
Cestrum alternifolium (Jacq.) O.E. Schulz 6, 12, 16
Cestrum dumetorum Schltld. 2, 11, 12, 16
**Cestrum elegans* (Brongn.) Schltld. 3, 5, 6, 7, 12, 19, 24
Cestrum fasciculatum (Schltld.) Miers 10
Cestrum glanduliferum Kerber ex Francey 5, 6, 7, 9, 10, 11, 12, 15, 21
Cestrum luteovirescens Francey 12, 17, 18
Cestrum nocturnum L. 5, 6, 7, 9, 10, 11, 12, 14, 16, 18, 19, 22, 23, 24
**Cestrum oblongifolium* Schltld. 6, 7
Cestrum racemosum Ruiz & Pav. 3, 5, 7, 9, 12, 17, 21
Cestrum schlechtendalii G. Don 19, 23
Cestrum tomentosum L. f. 6
Datura discolor Bernh. 7
Datura innoxia Mill. 23
Datura stramonium L. 4, 7, 10, 11, 16, 23
Juanulloa mexicana (Schltld.) Miers 6, 7, 8, 9, 10, 11, 12, 13, 16, 17, 18, 20, 23
Lycianthes armentalis J.L. Gentry 13, 17
Lycianthes chiapensis (Brandege) Standl. 12, 17, 18
Lycianthes heteroclita (Sendtn.) Bitter 5, 6, 7, 11, 12, 13, 16, 18, 23, 24
Lycianthes lenta (Cav.) Bitter 7, 10, 11, 17, 18
Lycianthes nitida Bitter 3, 6, 7, 11, 12, 17, 18, 23, 24
Lycianthes purpusii (Brandege) Bitter 5, 6, 7, 9, 10, 11, 12, 13, 17, 18, 19, 21, 23
Lycianthes stephanocalyx (Brandege) Bitter 7, 10, 12, 22
Nicotiana plumbaginifolia Viv. 6, 11
Physalis cordata Mill. 7, 15, 16, 22
Physalis gracilis Miers 6, 7, 11, 12, 17, 18, 23
Physalis philadelphica Lam. 7, 12
Physalis pubescens L. 6, 7, 8, 11, 12, 16, 18, 23, 24
Solandra nitida Zuccagni 4, 6, 7, 9, 10, 11, 12
Solanum acerifolium Dunal 17, 18

Solanum adhaerens Roem. & Schult. 9, 10, 15, 17, 23
Solanum aligerum Schltld. 11
Solanum americanum Mill. 7, 11, 12, 13, 17, 18, 20, 23, 24
Solanum aphyodendron S. Knapp 6, 8
Solanum appendiculatum Humb. & Bonpl. ex Dunal 13, 17, 18, 23
Solanum asperum Rich. 3, 6, 7, 11, 12, 14, 15, 16, 17, 18, 19, 20, 23, 24
Solanum aturense Dunal 5, 6, 7, 10, 12, 16, 17, 22, 23
Solanum candidum Lindl. 7, 9, 10, 11, 12, 15
Solanum circinatum Bohs 3, 6, 7, 10, 11, 13, 16, 17, 18, 19
**Solanum citrinum* M. Nee 7
Solanum douglasii Dunal 10
Solanum dulcamaroides Dunal 3, 7, 10, 11, 12, 16
Solanum erianthum D. Don 10, 12, 19, 22, 23
Solanum hirtum Vahl 10, 11, 12, 13, 15, 20
Solanum jamaicense Mill. 23
Solanum lanceifolium Jacq. 6, 10, 13, 16
Solanum laurifolium Mill. 7
Solanum myriacanthum Dunal 7, 17, 24
Solanum nigrescens M. Martens & Galeotti 6, 7, 10, 12, 16, 18, 22, 23
Solanum nudum Dunal 7, 10, 11, 12, 14, 16, 17, 18, 19, 23, 24
Solanum rovirosanum Donn. Sm. 5, 14, 19
Solanum rudepannum Dunal 4, 5, 6, 7, 8, 10, 11, 12, 13, 16, 17, 18, 19, 23, 24
Solanum skutchii Correll 6, 17
Solanum tampicense Dunal 6, 7
Solanum torvum Sw. 7, 10, 11, 12, 14, 17, 24
Solanum umbellatum Mill. 7, 10, 12, 18, 19, 22, 25, 28, 29
Solanum volubile Sw. 9, 10, 18
Solanum wendlandii Hook. f. 5, 6, 7, 9, 10, 11, 12
Witheringia cuneata (Standl.) Hunz. 6
Witheringia meiantha (Donn. Sm.) Hunz. 3, 6, 7, 11, 12, 13, 17, 18, 23
Witheringia solanacea L'Hér. 5, 6, 7, 9, 10, 11, 12, 17, 18, 19, 21

Family Staphyleaceae

Turpinia insignis (Kunth) Tul. 17, 18
Turpinia occidentalis (Sw.) G. Don 3, 4, 5, 6, 7, 10, 11, 12, 13, 16, 17, 18, 19, 23

Family Styracaceae

Styrax argenteus C. Presl 12, 13, 18
Styrax glabrescens Benth. 6, 16, 17, 19, 23
**Styrax tuxtliensis* P.W. Fritsch 18

Family Symplocaceae

- **Symplocos citrea* Lex. ex La Llave & Lex. 6, 11
 **Symplocos excelsa* L.O. Williams 6, 7, 17, 21
Symplocos limoncillo Bonpl. 6, 18, 23
Symplocos pycnantha Hemsl. 11
Symplocos speciosa Hemsl. 18

Family Talinaceae

- Talinum paniculatum* (Jacq.) Gaertn. 7, 11, 12, 16, 17, 20, 23

Family Tetrachondraceae

- Polypremum procumbens* L. 15

Family Theaceae

- Gordonia brenesii* (Standl.) Q. Jiménez 11, 13, 14, 17, 19

Family Thymelaeaceae

- Daphnopsis americana* (Mill.) J.R. Johnst. 6, 7, 10, 11, 19
 **Daphnopsis brevifolia* Nevling 6, 7, 10, 11, 16, 19
 **Daphnopsis megacarpa* Nevling & Barringer 3, 5, 6, 7, 11, 12, 19
 **Daphnopsis mollis* (Cham. & Schltld.) Standl. 6, 7
Daphnopsis radiata Donn. Sm. 10, 12, 14, 17, 18
Daphnopsis tuerckheimiana Donn. Sm. 12

Family Tovariaceae

- Tovaria pendula* Ruiz & Pav. 6, 7, 11, 12, 17, 18, 23

Family Typhaceae

- Typha domingensis* Pers. 7, 11

Family Ulmaceae

- Ampelocera hottlei* (Standl.) Standl. 3, 5, 7
Ulmus mexicana (Liebm.) Planch. 3, 5, 6, 7, 10, 12, 17, 19, 20, 24

Family Urticaceae

- Boehmeria caudata* Sw. 6, 9, 10, 11, 12, 16
Boehmeria ulmifolia Wedd. 6
Cecropia obtusifolia Bertol. 3, 5, 7, 8, 9, 10, 11, 12, 13, 16, 20, 22, 23
Cecropia peltata L. 7, 19, 29
Coussapoa purpusii Standl. 1, 4, 6, 7, 9, 12, 16, 18
Discocnide mexicana (Liebm.) Chew 10, 11, 12
 **Myriocarpa brachystachys* S. Watson 6
Myriocarpa heterospicata Donn. Sm. 6, 7, 11

- Myriocarpa longipes* Liebm. 2, 3, 5, 6, 7, 9, 10, 11, 12, 13, 19
 **Myriocarpa trifurca* A.K. Monro 6, 7
Pilea acuminata Liebm. 19
Pilea hyalina Fenzl 7, 10, 11, 12, 20
Pilea irrorata Donn. Sm. 5, 7, 10, 12, 13, 16, 20
Pilea microphylla (L.) Liebm. 7, 10, 12, 20
Pilea pansamalana Donn. Sm. 16
Urea alceifolia Gaudich. 7, 11
Urea caracasana (Jacq.) Gaudich. ex Griseb. (cited in Lira-Noriega et al., 2007)
Urea elata (Sw.) Griseb. 3, 4, 5, 6, 7, 9, 11, 12, 17, 18, 19, 23
Urea glabriuscula V.W. Steinm. 5, 6, 7, 9, 10, 11, 12, 16, 17, 18, 19
Urea rzedowskii V.W. Steinm. 4, 5, 6, 7, 10, 11, 12, 16
Urea simplex Wedd. 6, 7, 12

Family Verbenaceae

- Citharexylum affine* D. Don 3, 6, 7, 10, 11, 12, 18
Citharexylum caudatum L. 5, 6, 7, 10, 11, 12, 17, 18, 19, 21
 **Citharexylum ellipticum* D. Don 2, 3, 7, 8, 15
Citharexylum hexangulare Greenm. 5, 7, 12, 18, 19
 **Citharexylum ligustrinum* Van Houtte 10
Lantana achyranthifolia Desf. 11
Lantana camara L. 4, 7, 10, 11, 12, 18, 19, 22, 23, 28, 29
Lantana trifolia L. 6, 7, 10, 11, 12, 18, 19, 21, 23
Lippia alba (Mill.) N.E. Br. ex Britton & P. Wilson 7, 10, 23
Lippia myriocephala Schltld. & Cham. 4, 5, 6, 7, 9, 10, 12, 13, 16, 18, 21, 24
Petrea volubilis L. 3, 7, 10, 11, 12, 15, 16
Phyla dulcis (Trevir.) Moldenke 7, 9, 15, 21, 23
Phyla nodiflora (L.) Greene 7
Priva lappulacea (L.) Pers. 3, 7, 9, 11, 12, 20
Priva mexicana (L.) Pers. 10
Stachytarpheta jamaicensis (L.) Vahl 7, 9, 12, 19, 23, 24, 25
Tamonea curassavica (L.) Pers. 2, 9, 10, 11, 12, 23
Verbena carolina L. 7, 16
Verbena litoralis Kunth 4, 10

Family Violaceae

- Hybanthus attenuatus* (Humb. & Bonpl. ex Roem. & Schult.) Schulze-Menz 5, 7, 10
Hybanthus calceolaria (L.) Schulze-Menz 4
Hybanthus oppositifolius (L.) Taub. 8, 22, 29
Orthion malpighiifolium (Standl.) Standl. & Steyerl. 6, 7, 12, 17

Orthion oblancheolatum Lundell 3, 5, 6, 7, 10, 11, 12, 13, 16
Orthion subsessile (Standl.) Steyerf. & Standl. 3, 7, 10, 11
**Orthion veracruzense* Lundell 7, 12
Rinorea guatemalensis (S. Watson) Bartlett 2, 3, 5, 6, 7, 9, 10, 12, 15, 17, 18, 19, 20, 21, 23, 25
Rinorea hummelii Sprague 7, 12, 21, 24

Family Vitaceae

Ampelocissus erdvendbergiana Planch. 24
Cissus alata Jacq. 7, 8, 10, 11, 15, 18
Cissus biformifolia Standl. 7, 11, 12, 19, 23
Cissus erosa Rich. 10, 23, 24, 28, 29
Cissus gossypifolia Standl. 5, 6, 7
Cissus microcarpa Vahl 2, 5, 6, 7, 11, 12, 16, 23
Cissus ulmifolia (Baker) Planch. 7, 21
Cissus verticillata (L.) Nicolson & C.E. Jarvis 3, 4, 5, 6, 7, 8, 10, 11, 12, 13, 14, 17, 19, 29
Vitis bourgaeana Planch. 19, 22, 23, 29
**Vitis popenoei* J.L. Fennell 17, 18, 19, 22
Vitis rotundifolia Michx. 23
Vitis tiliifolia Humb. & Bonpl. ex Roem. & Schult. 5, 6, 7, 10, 11, 12, 13, 15, 18, 21, 22, 23, 29

Family Vochysiaceae

Vochysia guatemalensis Donn. Sm. 3, 5, 6, 7, 8, 11, 12, 13, 15, 16, 18, 19, 23, 24, 25
**Vochysia tabascana* Sprague 7

Family Ximeniaceae

Ximenia americana L. 23

Family Zingiberaceae

Renealmia alpinia (Rottb.) Maas 4, 23
Renealmia mexicana Klotzsch ex Petersen 2, 3, 4, 5, 7, 8, 10, 11, 16, 18, 19, 21, 23, 24

Family Zygophyllaceae

Kallstroemia maxima (L.) Hook. & Arn. 5, 10, 11, 20

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