

CHECKLIST OF THE TREES OF SONORA, MEXICO.
From Felger et al., 2001.

CONIFERAE

CUPRESSACEAE - CYPRESS FAMILY

Cupressus arizonica Greene

Cupressus lusitanica Miller

Juniperus coahuilensis (Martínez) Gaussen ex R. P. Adams

Juniperus deppeana Steudel

Juniperus durangensis Martínez

Juniperus scopulorum Sargent

Taxodium distichum (Linnaeus) Richard var. *mexicanum* Gordon

PINACEAE - PINE FAMILY

Abies concolor (Gordon & Glendinning) Lindley ex Hildebrand

Abies durangensis Martínez

Pinus arizonica Engelman

Pinus discolor D.K. Bailey & Hawksworth

Pinus engelmannii Carrière

Pinus herrerae Martínez

Pinus leiophylla Schiede ex Schlechtendal & Chamisso var. *chihuahuana* (Engelman) Shaw

Pinus lumholtzii Robinson & Fernald

Pinus maximinoi H. E. Moore

Pinus oocarpa Schiede

Pinus ponderosa var. *scopulorum* Engelman

Pinus strobiformis Engelman

Pinus yecorensis Debreczy & Rácz

Pseudotsuga menziesii (Mirbel) Franco var. *glauca* (Mayer Beissner) Franco

DICOTS

ACERACEAE - MAPLE FAMILY

Acer grandidentatum Nuttall

Acer negundo Linnaeus

ANACARDIACEAE

**Spondias purpurea* Linnaeus

APOCYNACEAE - DOGBANE FAMILY

Plumeria rubra Linnaeus

Stemmadenia tomentosa Greenman

Vallesia glabra (Cavanilles) Link var. *glabra*

Vallesia laciniata Brandegee

AQUIFOLIACEAE - HOLLY FAMILY

Ilex rubra S. Watson*Ilex toluhana* Hemsley

ARALIACEAE - GINSENG FAMILY

Aralia humilis Cavanilles*Oreopanax peltatum* Linden

ASTERACEAE - DAISY OR COMPOSITE FAMILY

Montanoa rosei Rose ex Robinson & Greenman subsp. *rosei* (Rose ex B. L. Robinson & Greenman) V. A. Funk*Parthenium tomentosum* de Candolle var. *stramonium* (Greene) Rollins

AVICENNIACEAE - BLACK MANGROVE FAMILY

Avicennia germinans (Linnaeus) Linnaeus

BERBERIDACEAE

Berberis longipes (Standley) Marroquín & Laferrière

BETULACEAE - BIRCH FAMILY

Alnus oblongifolia Torrey*Ostrya virginiana* (P. Miller) C. Koch

BIGNONIACEAE - BIGNONIA FAMILY

Chilopsis linearis (Cavanilles) Sweet subsp. *arcuata* (Fosberg) Henrickson**Crescentia alata* Kunth*Tabebuia chrysantha* (Jacquin) Nicholson subsp. *chrysantha**Tabebuia impetiginosa* (C. Martius ex A. de Candolle) Standley*Tecoma stans* (Linnaeus) Kunth var. *angustata* Rehder

BOMBACACEAE - SILK-COTTON FAMILY

Ceiba acuminata (S. Watson) Rose*Pseudobombax palmeri* (S. Watson) Dugand

BORAGINACEAE - BORAGE FAMILY

Cordia sonora Rose

BUDDLEJACEAE - BUTTEFLY-BUSH FAMILY

Buddleja cordata Kunth var. *cordata**Buddleja parviflora* Kunth.*Buddleja sessiliflora* Kunth

BURSERACEAE - FRANKINCENSE FAMILY

Bursera fagaroides (Kunth) Engler var. *elongata* McVaugh
Bursera grandifolia (Schlechtendal) Engler
Bursera hindsiana (Benth) Engler
Bursera lancifolia (Schlechtendal) Engler
Bursera laxiflora S. Watson
Bursera microphylla A. Gray
Bursera penicillata (Sessé & Moçño ex de Candolle) Engler
Bursera simaruba (Linnaeus) Sargent
Bursera stenophylla Sprauge & Riley

CACTACEAE - CACTUS FAMILY

Carnegiea gigantea (Engelmann) Britton & Rose
Lophocereus schottii (Engelmann) Britton & Rose var. *schottii*
 **Opuntia ficus-indica* (Linnaeus) P. Miller
Opuntia fulgida Engelmann var. *fulgida*
Opuntia thurberi Engelmann
Opuntia versicolor Coulter
Opuntia wilcoxii Britton & Rose
Pachycereus pecten-aboriginum (Engelmann) Britton & Rose
Pachycereus pringlei (S. Watson) Britton & Rose
Pilosocereus alensis Weber
Stenocereus montanus (Britton & Rose) F. Buxbaum
Stenocereus thurberi (Engelmann) F. Buxbaum

CAPPARACEAE - CAPER FAMILY

Capparis atamisquea Kuntze
Capparis flexuosa Linnaeus
Crateva palmeri Rose
Forchhammeria watsonii Rose

CAPRIFOLIACEAE - HONEYSUCKLE FAMILY

Sambucus mexicana Presl

CELASTRACEAE - STAFF TREE FAMILY

Canotia holacantha Torrey
Maytenus phyllanthoides Benth
Wimmeria mexicana (de Candolle) Lundell

CLETHRACEAE - CLETHRA FAMILY

Clethra mexicana de Candolle

COCHLOSPERMACEAE - COCHLOSPERMUM FAMILY

Cochlospermum vitifolium (Willdenow) K. Sprengel

COMBRETACEAE - COMBRETUM FAMILY

Laguncularia racemosa (Linnaeus) Gaertner f.

CONVOLVULACEAE - MORNING GLORY FAMILY

Ipomoea arborescens (Humboldt & Bonpland) G. Don

CORNACEAE - DOGWOOD FAMILY

Cornus disciflora de Candolle

EBENACEAE - PERSIMMON FAMILY

Diospyros sonorae Standley

ERICACEAE - HEATH FAMILY

Arbutus arizonica (A. Gray) Sargent*Arbutus xalapensis* Kunth

ERYTHROXYLACEAE - COCA FAMILY

Erythroxylum mexicanum Kunth

EUPHORBIACEAE - SPURGE FAMILY

Adelia virgata Brandegee*Croton fantzianus* Seymour*Drypetes gentryi* Monachino**Hura polyandra* Baillon*Jatropha cordata* (Ortega) Müller-Argoviensis*Jatropha malacophylla* Standley*Manihot aesculifolia* (Kunth) Pohl*Manihot caudata* Greenm.**Ricinus communis* Linnaeus*Sebastiania cornuta* McVaugh*Sebastiania pavoniana* (Müller-Argoviensis) Müller-Argoviensis

FABACEAE - LEGUME FAMILY

Acacia cochliacantha Kunth*Acacia constricta* Bentham*Acacia farnesiana* (Linnaeus) Willdenow*Acacia greggii* A. Gray*Acacia occidentalis* Rose*Acacia* cf. *pacensis* Rudd & A. M. Carter*Acacia pennatula* (Chamisso & Schlechtendal) Bentham subsp. *pennatula**Acacia pringlei* Rose subsp. *californica* (Brandegee) Lee, Seigler & Ebinger*Acacia russelliana* (Britton & Rose) Lundell*Acacia willardiana* Rose*Albizia sinaloensis* Britton & Rose

Bauhinia pringlei S. Watson
Brongniartia alamosana Rydberg
Caesalpinia caladenia Standley
Caesalpinia palmeri S. Watson
Caesalpinia platyloba S. Watson
Caesalpinia sclerocarpa Standley
Chloroleucon mangense (Jacquin) Britton & Rose var. *leucospermum* (Brandege) Barneby & Grimes
Conzattia multiflora B. L. Robinson
Coursetia glandulosa A. Gray
Diphysa occidentalis Rose
Diphysa suberosa S. Watson
Erythrina flabelliformis Kearney
Eysenhardtia orthocarpa (A. Gray) S. Watson
Haematoxylum brasiletto Karsten
Havardia mexicana (Rose) Britton & Rose
Havardia sonora (S. Watson) Britton & Rose
Leucaena involucrata S. Zárate
Leucaena lanceolata S. Watson var. *lanceolata*
 **Leucaena leucocephala* (Lamarck) de Wit subsp. *glabrata* (Rose) S. Zárate
Lonchocarpus hermannii Sousa
Lysiloma candidum Brandege
Lysiloma divaricatum (Jacquin) J. F. Macbride
Lysiloma watsonii Rose
Mimosa palmeri Rose
Olneya tesota A. Gray
 **Parkinsonia aculeata* Linnaeus
Parkinsonia florida (Bentham ex A. Gray) S. Watson
Parkinsonia microphylla Torrey
Parkinsonia praecox (Ruiz & Pavón) Hawkins
Parkinsonia X sonora (Rose & Johnston) Hawkins ined.
Piscidia mollis Rose
 **Pithecellobium dulce* (Roxburgh) Bentham
Platymiscium trifoliolatum Bentham
Prosopis articulata S. Watson
Prosopis glandulosa Torrey var. *torreyana* (L. D. Benson) M. C. Johnston
Prosopis pubescens Bentham
Prosopis velutina Wooton
Psorothamnus spinosus (A. Gray) Barneby
Robinia neomexicana A. Gray
Senna atomaria (Linnaeus) Irwin & Barneby

FAGACEAE - BEECH FAMILY

Quercus albocincta Trelease

Quercus arizonica Sargent
Quercus chihuahuensis Trelease
Quercus chrysolepis Liebmann
Quercus coccolobifolia Trelease
Quercus durifolia Seemen
Quercus emoryi Torrey
Quercus gambelii Nuttall
Quercus grisea Liebmann
Quercus hypoleucoides A. Camus
Quercus mcvaughii Spellenberg
Quercus oblongifolia Torrey
Quercus perpallida Trelease
Quercus rugosa Née
Quercus scytophylla Liebmann
Quercus sideroxyla Humboldt & Bonpland
Quercus subspathulata Trelease
Quercus tarahumara Spellenberg, Bacon & Breedlove
Quercus toumeyii Sargent
Quercus tuberculata Liebmann
Quercus viminea Trelease

FOUQUIERIACEAE - OCOTILLO FAMILY

Fouquieria columnaris (Kellogg) Curran
Fouquieria diguetii (van Tieghem) I. M. Johnston
Fouquieria macdougallii Nash
Fouquieria splendens Engelman subsp. *splendens*

JUGLANDACEAE - WALNUT FAMILY

Juglans major (Torrey) Heller

KOEBERLINIACEAE

Koeberlinia spinosa Zuccarini

LAURACEAE - LAUREL FAMILY

Cinnamomum hartmanii (I.M. Johnston) Kostermans
Persea podadenia Blake var. *podadenia*

MAGNOLIACEAE - MAGNOLIA FAMILY

Magnolia pacifica A. Vásquez subsp. *tarahumara* A. Vásquez

MALPIGHIACEAE - MALPIGHIA FAMILY

Bunchosia sonorensis Rose
Malpighia emarginata de Candolle

MELIACEAE - CHINABERRY FAMILY

Cedrela odorata Linnaeus

**Melia azedarach* Linnaeus

Trichilia americana (Sessé & Mociño) T. D. Pennington

Trichilia hirta Linnaeus

MORACEAE - MULBERRY FAMILY

Ficus cotinifolia Kunth

Ficus insipida Willdenow subsp. *insipida*

Ficus maxima Miller

Ficus pertusa Linnaeus f.

Ficus petiolaris Kunth subsp. *palmeri* (S. Watson) Felger & Lowe

Ficus petiolaris Kunth subsp. *petiolaris*

Ficus trigonata Linnaeus

Machura tinctoria (Linnaeus) D. Don ex Steudel subsp. *tinctoria*

Morus microphylla Buckley

Trophis racemosa (Linnaeus) Urban

MYRSINACEAE - MYRSINE FAMILY

Ardisia revoluta Kunth

Myrsine coriacea (Swartz) Roemer & Schultes subsp. *coriacea*

MYRTACEAE - MYRTLE FAMILY

**Psidium guajava* Linnaeus

Psidium sartorianum (O. Berg) Niedenzu

NYCTAGINACEAE - FOUR-O'CLOCK FAMILY

Pisonia capitata (S. Watson) Standley

OLACACEAE - OLAX FAMILY

Schoepfia schreberi J. F. Gmelin

Schoepfia shreveana Wiggins

OLEACEAE - OLIVE FAMILY

Fraxinus gooddingii Little

Fraxinus papillosa Lingelsheim

Fraxinus velutina Torrey

OPILIACEAE - OPILIA FAMILY

Agonandra racemosa (de Candolle) Standley

PLATANACEAE - PLANE TREE FAMILY

Platanus wrightii S. Watson

POLYGONACEAE - BUCKWHEAT FAMILY

Coccoloba goldmanii Standley*Ruprechtia fusca* Fernald

RHAMNACEAE - BUCKTHORN FAMILY

Colubrina triflora Brongniart*Condalia globosa* I. M. Johnston*Karwinskia humboldtiana* (Roemer & Schultes) Zuccarini*Rhamnus scopulorum* (M. E. Jones) C. B. Wolf*Ziziphus amole* (Sessé & Moçino) M. C. Johnston

RHIZOPHORACEAE - MANGROVE FAMILY

Rhizophora mangle Linnaeus

ROSACEAE - ROSE FAMILY

Prunus gentryi Standley*Prunus serotina* Ehrhart subsp. *capuli* (Cavanilles) McVaugh*Prunus serotina* subsp. *virens* (Wooton & Standley) McVaugh*Prunus zinggii* Standley*Vauquelinia californica* (Torrey) Sargent subsp. *californica**Vauquelinia californica* subsp. *pauciflora* (Standley) W. J. Hess & Henrickson*Vauquelinia californica* subsp. *sonorensis* W. J. Hess & Henrickson

RUBIACEAE - MADDER FAMILY

Cephalanthus salicifolius Humboldt & Bonpland*Hamelia xorullensis* Kunth*Hintonia latiflora* (Sessé & Moçino ex de Candolle) Bullock*Randia echinocarpa* Sesse & Moçino*Randia laevigata* Standley*Randia obcordata* S. Watson

RUTACEAE - RUE FAMILY

Amyris balsamifera Linnaeus**Casimiroa edulis* Llave & Lexarza*Esenbeckia hartmanii* Robinson & Fernald*Ptelea trifoliata* Linnaeus subsp. *angustifolia* (Benth) V. Bailey*Zanthoxylum fagara* (Linnaeus) Sargent

SALICACEAE - WILLOW FAMILY

Populus angustifolia James*Populus fremontii* S. Watson subsp. *fremontii**Populus mexicana* de Candolle subsp. *dimorpha* (Brandege) Eckwalder*Populus monticola* Brandege*Populus tremuloides* Michaux

Salix bonplandiana Kunth var. *bonplandiana*
Salix gooddingii Ball
Salix exilifolia Dorn

SAPINDACEAE - SOAPBERRY FAMILY

Dodonaea viscosa Jacquin
Sapindus drummondii Hooker & Arnott
Sapindus saponaria Linnaeus
Thouinia acuminata S. Watson
Thouinia villosa de Candolle

SAPOTACEAE - SAPOTE FAMILY

Sideroxylon lanuginosum Michaux subsp. *rigidum* (A. Gray) T. D. Pennington
Sideroxylon occidentale (Hemsley) T. D. Pennington
Sideroxylon persimile (Hemsley) T. D. Pennington subsp. *subsessiliflorum* (Hemsley) T. D. Pennington
Sideroxylon tepicense (Standley) T. D. Pennington

SIMAROUBACEAE - SIMAROUBA FAMILY

Alvaradoa amorphoides Liebmann
Castela emoryi (A. Gray) Moran & Felger

SOLANACEAE

Cestrum tomentosum Linnaeus f.
 **Nicotiana glauca* Graham
Solanum erianthum D. Don

STERCULIACEAE - STERCULIA FAMILY

Guazuma ulmifolia Lamarck

TAMARICACEAE - TAMARISK FAMILY

**Tamarix aphylla* (Linnaeus) Karsten
 **Tamarix ramosissima* Ladeb

THEOPHRASTACEAE - THEOPHRASTA FAMILY

Jacquinia macrocarpa Cavanilles subsp. *pungens* (A. Gray) Stahl

TILIACEAE

Heliocarpus attenuatus S. Watson
Heliocarpus palmeri S. Watson
Tilia americana Linnaeus var. *mexicana* (Schlechtendal) Hardin

ULMACEAE - ELM FAMILY

Aphananthe monoica (Hemsley) Leroy

Celtis iguanea (Jacquin) Sargent
Celtis pallida Torrey subsp. *pallida*
Celtis reticulata Torrey
 **Ulmus pumila* Linnaeus

URTICACEAE - NETTLE FAMILY

Urera cf. *caracasana* (Jacquin) Grisebach

VERBENACEAE - VERVAIN FAMILY

Citharexylum scabrum Sessé & Moçifio ex D. Don
Lippia umbellata Cavanilles
Vitex mollis Kunth
Vitex pyramidata Robinson

ZYGOPHYLLACEAE - CALTROP FAMILY

Guaiacum coulteri A. Gray

MONOCOTS

AGAVACEAE - AGAVE FAMILY

Yucca arizonica McKelvey
Yucca declinata Laferrière
Yucca elata Engelman
Yucca grandiflora Gentry
Yucca schottii Engelman

ARECACEAE - PALM FAMILY

Brahea aculeata (Brandege) H. E. Moore
Brahea dulcis (Kunth) Martius
Brahea elegans (Franceschi in Beccari) H. E. Moore
Brahea nitida André
 **Phoenix dactylifera* Linnaeus
Sabal uresana Trelease
Washingtonia robusta H. Wendland

NOLINACEAE - BEARGRASS FAMILY

Nolina bigelovii (Torrey) S. Watson
Nolina matapensis Wiggins