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## Check List of the Ligneous Flora of Arkansas

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**A Check List of the Ligneous Flora of Arkansas**  
**Dwight M. Moore, University of Arkansas, Fayetteville**

The trees and other woody plants of Arkansas have attracted attention from the earliest times. Forests covered more than eighty per cent of the territory which is now Arkansas when white men first saw it. In spite of continuous lumbering operations more than half of the state is still covered with a substantial growth of woody plants even though much of this is scrubby and of little economic importance. Many others are highly ornamental. They are thus one of the major resources of Arkansas.

Accounts of the trees and forests of the state have been given at various times from the early part of the nineteenth century when Bradbury, Schoolcraft and Nuttall described some of their travels into that early territory. In 1880-1881 F. L. Harvey, the first scientist at what is now the University of Arkansas published several articles relating to the trees and forests of Arkansas. C. S. Sargent published in 1884 a part of the tenth United States Census a report on the forests of North America in which he described in general the nature and extent of the forests of Arkansas. Branner and Coville (1891) included woody plants with others in their List of Arkansas plants. Since that time various notes and writings pertaining to the forests of Arkansas have appeared notable among which are those of Samuel J. Record, E. J. Palmer, W. W. Ashe, J. T. Buchholz, D. Demaree, and L. M. Turner.

In spite of all of these different writings there is not at the present time an available record of all the species and forms of the woody plants to be found in Arkansas. Several lists name the more prominent species but neglect a great many others.

In the list which follows the writer has attempted to bring together the names of all of the woody plants which are known to occur out of cultivation within the state. This includes, in so far as possible, all the trees, shrubs and woody vines even those which are only partly woody as in case of some of the more tender vines. It is fully realized that there may be errors and inaccuracies in this list but it will form a basis for further study and investigation. It is hoped that any errors of commission or omission will be brought to the attention of the writer.

This list is based upon the material in the herbarium of the University of Arkansas together with authentic records and collections, among others, of Mr. E. J. Palmer of the Arnold Arboretum and Dr. Delzie Demaree of Arkansas A. and M. College, Monticello, who have done extensive collecting in the state. Thanks are due them for their kind cooperation and assistance in the preparation of this list.

CHECK LIST OF THE LIGNEOUS FLORA OF ARKANSAS  
(Including Trees, Shrubs, and Woody Vines Growing out of Cultivation)

GYMNOSPERMAE

PINACEAE

1. *Juniperus mexicana* Spreng. Ozark White Cedar.  
(*J. Ashei* Buchholz)
2. *Juniperus virginiana* L. Red Cedar.
3. *Pinus echinata* Mill. Southern Yellow Pine.
4. *Pinus taeda* L. Loblolly Pine, Old-field Pine.
5. *Taxodium distichum* (L.) Rich. Bald Cypress.

ANGIOSPERMAE

Monocotyledoneae

GRAMINEAE

6. *Arundinaria gigantea* (Walt.) Chapm. Southern Cane.  
(*A. macrosperma* Michx.)
7. *Arundinaria tecta* (Walt.) Muhl. Small Cane.

PALMACEAE

8. *Sabal minor* (Jacq.) Pers. Dwarf palmetto.

LILIACEAE

9. *Smilax bona-nox* L. Greenbrier, Stretchberry.
10. *Smilax glauca* Walt. Wild Sarsaparilla, Sawbrier.
11. *Smilax glauca* var. *leuophylla* Blake.
12. *Smilax hispida* Muhl. Hagbrier, Hellfetter, Bristly Greenbrier.
13. *Smilax lanceolata* L. Jacksonbrier.  
(*S. cinnamomifolia* Small)
14. *Smilax laurifolia* L. Bamboo Vine, Blaspheme Vine.
15. *Smilax pumila* Walt. Sarsaparilla Vine.
16. *Smilax rotundifolia* var. *quadrangularis* (Muhl.) Wood. Greenbrier,  
Catbrier.
17. *Smilax walteri* Pursh. Sarsaparilla, Coral Greenbrier.
18. *Yucca arkansana* Trel. Arkansas Yucca.
19. *Yucca filamentosa* L. Yucca, Bear Grass.

Dicotyledoneae

SALICACEAE

20. *Populus alba* L. Silver Poplar.
21. *Populus canescens* (Ait.) Sm.
22. *Populus deltoides* Marsh. Cottonwood.  
(*P. balsamifera* var. *virginiana* Sarg.)
23. *Populus heterophylla* L. Swamp cottonwood, Black cottonwood.
24. *Salix alba* L. White Willow.
25. *Salix cordata* Muhl. Heart-leaved Willow.
26. *Salix humilis* Marsh. Prairie Willow.
27. *Salix interior* Rowles. Sandbar Willow.  
(*S. longifolia* Muhl.)
28. *Salix interior* var. *pedicellata* (Anders.) Ball.
29. *Salix longipes* var. *wardii* (Bebb) Schneider. Ward's Willow.  
(*S. wardii* Bebb.)
30. *Salix nigra* Marsh. Black Willow, Swamp Willow.
31. *Salix nigra* var. *altissima* Sarg. Tall Black Willow.
32. *Salix nigra* var. *lindheimeri* Schneider.
33. *Salix tristis* Ait.

Hybrid Willows

34. X *Salix interior* x *longipes* var. *wardii*
35. X *Salix longipes* var. *wardii* x *nigra*.

MYRICACEAE

36. *Myrica cerifera* L. Wax Myrtle.

LEITNERIACEAE

37. *Leitneria floridana* Chapm. Corkwood.

JUGLANDACEAE

38. *Carya aquatica* (Michx. f.) Nutt. Water Hickory, Bitter Pecan,  
Swamp Hickory.
39. *Carya buckleyi* var. *arkansana* Sarg. Arkansas Black Hickory.
40. *Carya buckleyi* var. *arkansana* f. *pachylemma* Sarg.
41. *Carya buckleyi* var. *villosa* Sarg.
42. *Carya cordiformis* (Wang.) K. Koch. Pignut Hickory, Bitternut  
Hickory.  
(*Hicoria cordiformis* Wang.)  
(*H. minima* (Marsh) Britt.)
43. *Carya cordiformis* var. *latifolia* Sarg.
44. *Carya glabra* Sweet. Pignut or Broom Hickory  
(*Hicoria glabra* (Mill.) Britt.)
45. *Carya illinoensis* (Wang.) K. Koch. Pecan.  
(*Carya Pecan* Engl. & Graeb.)

46. *Carya laciniosa* Loud. King Nut.  
(*Hicoria laciniosa* Michx. f.)  
(*H. sulcata* (Willd.) Britt.)
47. *Carya leioderms* Sarg.
48. *Carya myristicaeformis* Nutt. Nutmeg Hickory.  
(*Hicoria myristicaeformis* Michx. f.)
49. *Carya ovalis* Sarg.
50. *Carya ovalis* var. *obcordata* Sarg.
51. *Carya ovalis* var. *obovalis* Sarg.
52. *Carya ovata* K. Koch. Shag-bark or Shell-bark Hickory.
53. *Carya tomentosa* (Lam.) Nutt. Mocker Nut, White Hickory.  
(*Carya alba* (L.) K. Koch.)
54. *Carya tomentosa* f. *ficoides* (Sarg.) Palmer & Steyerml.
55. *Carya tomentosa* f. *ovoidea* (Sarg.) Palmer & Steyerml.
56. *Carya tomentosa* var. *subcoriacea* (Sarg.) Palmer & Steyerml.
- Hybrid Hickories**
57. *Carya tomentosa* x *Buckleyi* var. *arkansana*
58. x *Carya Brownii* Sarg. (*C. cordiformis* x *illinoensis*).
59. x *Carya Demareei* Palmer. (*C. cordiformis* x *ovalis*).
60. x *Carya texana* (Le Conte.) C. DC. (*C. aquatica* x *illinoensis*)
61. *Juglans cinerea* L. Butternut, White Walnut.
62. *Juglans nigra* L. Black Walnut.
- BETULACEAE**
63. *Ainus rugosa* (Du Roi) Spreng. Smooth Alder.
64. *Betula nigra* L. River Birch, Red Birch.
65. *Carpinus caroliniana* Walt. Hornbeam, Blue Beech, Water Beech.
66. *Corylus americana* Walt. Hazel Nut.
67. *Corylus americana* var. *indehiscens* Palmer & Steyerml.
68. *Ostrya virginiana* (Mill.) Willd. Hop Hornbeam, Ironwood.
- FAGACEAE**
69. *Castanea ozarkensis* Ashe. Chinquapin.
70. *Castanea ozarkensis* var. *arkansana* Ashe.
71. *Castanea pumila* var. *Ashei* Sudw.
72. *Castanea pumila* var. *Margaretta* Ashe.
73. *Fagus grandifolia* var. *caroliniana* (Loud.) Fern. & Rehd. Beech.
74. *Fagus grandifolia* var. *caroliniana* f. *mollis* Fern. & Rehd.
75. *Quercus alba* L. White Oak.
76. *Quercus alba* f. *latiloba* (Sarg.) Palmer & Steyerml.
77. *Quercus arkansana* Sarg. Arkansas Oak.
78. *Quercus borealis* Michx.
79. *Quercus borealis* var. *maxima* (Marsh) Ashe. Northern Red Oak.
80. *Quercus coccinea* Muench. Scarlet Oak.
81. *Quercus Durandii* Buckl. Durand's Oak.
82. *Quercus falcata* Michx. Spanish Oak. Southern Red Oak.  
(*Q. rubra* L. in part.)
83. *Quercus falcata* var. *leucophylla* (Ashe.) Palmer & Steyerml.
84. *Quercus falcata* var. *pagodaefolia* Ell.
85. *Quercus falcata* var. *triloba* (Michx.) Palmer & Steyerml.
86. *Quercus imbricaria* Michx. Shingle Oak.
87. *Quercus lyrata* Walt. Overcup Oak.
88. *Quercus macrocarpa* Michx. Bur Oak.
89. *Quercus marilandica* Muench. Black Jack Oak.
90. *Quercus Muhlenbergii* Engelm. Chinquapin Oak, Yellow Oak.
91. *Quercus Muhlenbergii* f. *Alexanderi* (Britt.) Trel.
92. *Quercus nigra* L. Water Oak.
93. *Quercus nigra* var. *heterophylla* Ashe.
94. *Quercus Nuttallii* Palmer. Nuttall's Oak.
95. *Quercus Nuttallii* var. *cachensis* Palmer. Cache Oak.
96. *Quercus obtusa* Ashe.  
(*Q. rhombica* Sarg.)
97. *Quercus palustris* Muench. Pin Oak.
98. *Quercus Phellos* L. Willow Oak.
99. *Quercus prinoides* Willd. Shin Oak, Scrub Oak.
100. *Quercus Prinus* L. Cow Oak, Basket Oak.  
(*Q. Michauxii* Nutt.)
101. *Quercus Shumardii* Buckley Spotted Oak.
102. *Quercus Shumardii* var. *acerifolia* Palmer. Maple-leaved Oak.
103. *Quercus Shumardii* var. *Schneckii* Sarg. Schneck's Oak, Red Oak.  
(*Q. Schneckii* Britt.)
104. *Quercus stellata* Wang. Post Oak.
105. *Quercus stellata* var. *araniosa* Sarg. Sand Post Oak.
106. *Quercus stellata* var. *attenuata* Sarg.  
(*Q. mississippiensis* Ashe.)
107. *Quercus stellata* var. *Margaretta* (Ashe) Sarg.

108. *Quercus stellata* var. *oblonga* Trel.  
 109. *Quercus velutina* Lam. Black or Yellow Oak.  
 (*Q. tinctoria* Bartr.)  
 110. *Quercus velutina* var. *missouriensis* Sarg. Black Oak.  
**Hybrid Oaks**  
 111. X *Quercus Bushii* Sarg. (*Q. marilandica* × *velutina*.)  
 112. X *Quercus Demareii* Ashe. (*Q. nigra* × *velutina*.)  
 113. X *Quercus garlandensis* Palmer. (*Q. nigra* × *falcata*.)  
 114. X *Quercus heterophylla* Michx. (*Q. borealis maxima* × *Phellos*.)  
 115. X *Quercus inaequalis* Palmer & Steyerm. (*Q. Phellos* × *velutina*.)  
 116. X *Quercus incomita* Palmer. (*Q. marilandica* × *falcata*.)  
 117. X *Quercus Leana* Nutt. (*Q. imbricaria* × *velutina*.)  
 118. X *Quercus macnabiana* Sudw. (*Q. Durandii* × *stellata*.)  
 119. X *Quercus neopalmeri* Sudw. (*Quercus nigra* × *Shumardii*.)  
 120. X *Quercus Rudkini* Britt. (*Q. marilandica* × *Phellos*.)  
 121. X *Quercus Schockiana* Dieck. (*Q. palustris* × *Phellos*.)  
 122. X *Quercus Sterrettii* Trel. (*Q. lyrata* × *stellata*)  
 123. X *Quercus Wildenowiana* Zabel. (*Q. falcata* × *velutina*.)  
**ULMACEAE**  
 124. *Celtis laevigata* Willd. Southern Hackberry.  
 (*C. mississippiensis* Bosc.)  
 125. *Celtis laevigata* var. *Smallii* (Beadle) Sarg.  
 126. *Celtis laevigata* var. *texana* (Scheele) Sarg.  
 127. *Celtis occidentalis* L. Hackberry, Sugarberry.  
 128. *Celtis occidentalis* var. *canina* (Raf.) Sarg.  
 (*C. canina* Raf.)  
 129. *Celtis occidentalis* var. *crassifolia* Gray. Rough-leaved Hackberry.  
 130. *Celtis pumila* Pursh. Dwarf Hackberry.  
 131. *Celtis pumila* var. *georgiana* (Small) Sarg.  
 132. *Planera aquatica* (Walt.) Gmel. Water Elm, Planer Tree.  
 133. *Ulmus alata* Michx. Winged Elm.  
 134. *Ulmus americana* L. American Elm, White Elm.  
 135. *Ulmus crassifolia* Nutt. Cedar Elm.  
 136. *Ulmus fulva* Michx. Slippery, Red, or Moose Elm.  
 137. *Ulmus Thomasi* Sarg. Rock or Cork Elm.  
 (*Ulmus racemosa* Thomas.)  
 138. *Ulmus serotina* Sarg. Red Elm, September Elm.  
**MORACEAE**  
 139. *Broussonetia papyrifera* (L.) Vent. Paper mulberry.  
 140. *Maclura pomifera* (Raf.) Schneid. Osage Orange, Bois d'Arc.  
 (*M. aurantiaca* Nutt.)  
 (*Toxylon pomiferum* Raf.)  
 141. *Morus alba* L. White Mulberry.  
 142. *Morus rubra* L. Red Mulberry.  
**LORANTHACEAE**  
 143. *Phoradendron flavescens* (Pursh) Nutt. Mistletoe.  
**ARISTOLOCHIAEAE**  
 144. *Aristolochia reticulata* Nutt. Pipe Vine.  
 145. *Aristolochia tomentosa* Sims. Pipe vine. Dutchman's Pipe.  
**POLYGONACEAE**  
 146. *Brunnichia cirrhosa* Gaertn. Ladies' Ear-drops, Brunnichia.  
 147. *Polygonella americana* (Fisch. & Mey.) Small. Jointweed.  
**RANUNCULACEAE**  
 148. *Clematis crispa* L. Curl Flower, Marsh Clematis.  
 (*Viorna crispa* (L.) Small.)  
 149. *Clematis paniculata* Thunb.  
 150. *Clematis Pitcheri* T. & G. Pitcher's Leather Flower.  
 (*Viorna reticulata* (Walt.) Small.)  
 151. *Clematis versicolor* Small. Pale or Small Leather Flower.  
 152. *Clematis viorna* L. Leather Flower.  
 153. *Clematis virginiana* L. Virgin's Bower.  
 154. *Clematis virginiana* var. *missouriensis* (Rydb.) Palmer & Steyerm.  
**MAGNOLIACEAE**  
 155. *Liriodendron tulipifera* L. Tulip Tree, Yellow Poplar.  
 156. *Magnolia acuminata* L. Cucumber Tree.  
 157. *Magnolia acuminata* var. *ozarkensis* Ashe.  
 158. *Magnolia macrophylla* Michx. Great-leaved Magnolia.  
 159. *Magnolia tripetala* L. Umbrella Magnolia.  
 160. *Magnolia virginiana* L. Sweet-Bay, Swamp Bay, Small Magnolia.  
 (*Magnolia glauca* L.)  
 161. *Magnolia virginiana* var. *australis* Sarg.  
 162. *Schizandra coccinea* Michx. Bay Star Vine.

## ANONACEAE

163. *Asimina parviflora* (Michx.) Dunal. Pawpaw.  
164. *Asimina triloba* Dunal. Pawpaw.

## MENISPERMACEAE

165. *Calycocarpum Lyoni* (Pursh) Nutt. Cup-seed.  
166. *Cocculus carolinus* (L.) D.C. Carolina Moonseed.  
(*Epibaterium carolinum* L. Britt.)  
167. *Menispermum canadense* L. Moonseed.

## LAURACEAE

168. *Lindera Benzoin* (L.) Blume. Spice Bush, Spice Wood.  
(*Benzoin aestivale* (L.) Nees.)  
169. *Lindera Benzoin* var. *pubescens* (Palmer & Steyererm.) Rehd.  
170. *Persea Borbonia* (L.) Spreng. Red or Sweet Bay.  
(*P. carolinensis* (Michx.) Nees.)  
171. *Sassafras albidum* (Watt.) Nees. Sassafras.  
172. *Sassafras albidum* var. *molle* (Raf.) Fern. Sassafras.  
(*Sassafras officinale* Nees. & Eberm.)  
(*S. variifolium* (Salisb.) Ktze.)

## SAXIFRAGACEAE

173. *Hydrangea arborescens* L. Wild Hydrangea.  
174. *Hydrangea arborescens* var. *Deamii* St. John.  
175. *Hydrangea arborescens* var. *oblonga* T. & G.  
176. *Hydrangea Ashei* Harbison.  
177. *Hydrangea cinerea* Small. Ashy-Hydrangea.  
178. *Itea virginica* L. Virginia Willow.  
179. *Philadelphus hirsutus* Nutt.  
180. *Philadelphus pubescens* var. *intectus* (Beadl) Rehd.  
181. *Philadelphus verrucosus* Schrad.  
182. *Ribes curvatum* Small.  
183. *Ribes Cynosbati* L. Dogberry, Prickly Gooseberry.  
184. *Ribes missouriense* Nutt. Wild Gooseberry.  
(*R. gracile* Michx.)  
(*Grossularia missouriensis* (Nutt.) Coville & Britt.)  
185. *Ribes missouriense* var. *ozarkanum* Fassett  
186. *Ribes odoratum* Wendl. Golden, Buffalo, or Missouri Currant.  
(*R. aureum* Pursh.)

## HAMAMELIDACEAE

187. *Hamamelis macrophylla* Pursh. Large-leaved Witch Hazel.  
188. *Hamamelis vernalis* Sarg. Ozark Witch Hazel, Spring Witch Hazel.  
189. *Hamamelis vernalis* f. *carnea* Rehd.  
190. *Hamamelis vernalis* f. *tomentella* Rehd.  
191. *Hamamelis virginica* L. Northern Witch Hazel.  
192. *Liquidambar styraciflua* L. Sweet Gum, Red Gum.

## PLATANACEAE

193. *Platanus occidentalis* L. Sycamore.  
194. *Platanus occidentalis* var. *glabrata* (Fern.) Sarg. Sycamore.

## ROSACEAE

195. *Amelanchier arborea* (Michx. f.) Fern. Service Berry, June Berry  
(*Amelanchier canadensis* (L) Medic.)  
196. *Aronia arbutifolia* (L) Ell. Red Choke-berry.  
(*Pyrus arbutifolia* (L) L.f.)  
197. *Aronia arbutifolia* f. *macrophylla* Rehd.  
198. *Crataegus acutifolia* Sarg.  
(*C. erecta* Sarg.)  
199. *Crataegus algens* Beadle.  
200. *Crataegus amicalis* Sarg.  
201. *Crataegus arkansana* Sarg.  
202. *Crataegus Biltmoreana* Beadle.  
(*C. villicarpa* Sarg.)  
203. *Crataegus blanda* Sarg.  
204. *Crataegus brachyacantha* Sarg. & Engelm. Blue-fruited Haw.  
205. *Crataegus brachyphylla* Sarg.  
206. *Crataegus Bushii* Sarg.  
207. *Crataegus Calpodendron* (Ehrh.) Medic.  
208. *Crataegus Calpodendron* var. *hispidula* (Sarg.) Palmer.  
(*C. hispidula* Sarg.)  
209. *Crataegus Calpodendron* var. *obesa* (Ashe) Palmer.  
210. *Crataegus carrolliensis* Sarg.  
211. *Crataegus coccinioides* Ashe.  
(*C. speciosa* Sarg.)  
212. *Crataegus collina* Chapm. Chapman's Hill Thorn.  
(*C. macropoda* Sarg.)  
(*C. sucida* Sarg.)  
(*C. sordida* var. *villosa* Sarg.)

213. *Crataegus collina* var. *secta* (Sarg.) Palmer.  
 214. *Crataegus collina* var. *sordida* (Sarg.) Palmer.  
     (*C. sordida* Sarg.)  
 215. *Crataegus Crus-galli* L. Cock-spur Thorn.  
     (*C. calophylla* Sarg.)  
 216. *Crataegus Crus-galli* var. *bellica* (Sarg.) Palmer.  
     (*C. bellica* Sarg.)  
 217. *Crataegus Crus-galli* var. *exigua* (Sarg.) Eggleston.  
     (*C. rudis* Sarg.)  
 218. *Crataegus Crus-galli* var. *leptophylla* (Sarg.) Palmer.  
     (*C. leptophylla* Sarg.)  
 219. *Crataegus Crus-galli* var. *macra* (Sarg.) Palmer.  
     (*C. permera* Sarg.)  
 220. *Crataegus discolor* Sarg.  
     (*C. parviflora* Sarg.)  
 221. *Crataegus disjuncta* Sarg. Missouri Thorn.  
 222. *Crataegus Engelmanni* Sarg.  
     (*C. barbata* Sarg.)  
     (*C. pilifera* Sarg.)  
     (*C. villiflora* Sarg.)  
 223. *Crataegus enucleata* Sarg.  
 224. *Crataegus fastosa* Sarg.  
 225. *Crataegus Harveyana* Sarg.  
 226. *Crataegus incaeua* Sarg.  
     (*C. pudens* Sarg.)  
 227. *Crataegus induta* Sarg.  
 228. *Crataegus invis*a Sarg.  
 229. *Crataegus lacera* Sarg.  
 230. *Crataegus lanuginosa* Sarg.  
 231. *Crataegus limaria* Sarg.  
 232. *Crataegus Mackenzii* var. *bracteata* (Sarg.) Palmer.  
     (*C. bracteata* Sarg.)  
     (*C. seclusa* Sarg.)  
 233. *Crataegus Marshallii* Eggleston. Parsely Haw.  
     (*C. apiifolia* (Marsh.) Michx.)  
 234. *Crataegus micrantha* Sarg.  
 235. *Crataegus Mohrii* Beadle.  
 236. *Crataegus mollis* (T. & G.) Schelle.  
 237. *Crataegus neobushii* Sarg.  
     (*C. leioclada* Sarg.)  
 238. *Crataegus noelensis* Sarg.  
     (*C. transmississippiensis* Sarg.)  
 239. *Crataegus nitida* (Engelm.) Sarg. Shining Thorn.  
 240. *Crataegus opaca* Hook.  
 241. *Crataegus ouachitensis* Palmer.  
 242. *Crataegus ouachitensis* var. *minor* Palmer.  
 243. *Crataegus pagensis* Sarg.  
 244. *Crataegus padifolia* var. *incarnata* Sarg.  
 245. *Crataegus palliata* Sarg.  
 246. *Crataegus Palmeri* Sarg.  
 247. *Crataegus Phaenopyrum* (L. f.) Medic. Washington Thorn.  
     (*C. cordata* Ait.)  
 248. *Crataegus pruinosa* (Wendl.) K. Koch.  
     (*C. patrum* Sarg.)  
 249. *Crataegus regalis* Beadle.  
 250. *Crataegus regalis* var. *paradoxa* (Sarg.) Palmer.  
     (*C. paradoxa* Sarg.)  
 251. *Crataegus spathulata* Michx. Small-fruited Thorn or Haw.  
 252. *Crataegus straminea* Beadle. Alleghany Thorn.  
 253. *Crataegus subpilosa* Sarg.  
 254. *Crataegus thermopecten* Palmer.  
 255. *Crataegus triumphalis* Sarg.  
 256. *Crataegus uniflora* Muench. Dwarf Thorn.  
     (*C. tomentosa* L.)  
     (*C. trianthophora* Sarg.)  
 257. *Crataegus velutina* Sarg.  
 258. *Crataegus verruculosa* Sarg.  
 259. *Crataegus viridis* L. Green Haw.  
     (*C. arborescens* Ell.)  
 260. X. *Crataegus notha* Sarg.  
 261. *Malus angustifolia* Michx. Narrow-leaved Crab Apple.  
     (*Pyrus angustifolia* Ait.)  
 262. *Malus ioensis* var. *Bushii* Rehd.  
 263. *Malus ioensis* var. *Palmeri* Rehd. Wild Crab Apple.  
 264. *Malus pumila* Mill. Apple.

265. *Physocarpus* var. *intermedius* (Rydb.) Robinson. Ninebark.  
(*Opulaster intermedius* Rydb.)
266. *Prunus americana* Marsh. Wild Yellow or Red Plum.
267. *Prunus angustifolia* Marsh. Chickasaw Plum, Hog Plum.
268. *Prunus angustifolia* var. *varians* Wright.
269. *Prunus gracilis* Engelm. & Grey. Low Plum.
270. *Prunus hortulana* Bailey. Wild Goose Plum.
271. *Prunus lanata* (Sudw.) Mack. & Bush.  
(*P. arkansana* Sarg.)
272. *Prunus Mahaleb* L. Perfumed Cherry.
273. *Prunus mexicana* Watson. Big Tree Plum.
274. *Prunus mexicana* var. *ful-tonensis* Sarg.
275. *Prunus Munsoniana* Wight and Hedrick. Wild Goose Plum.
276. *Prunus pumila* L. Sand or Dwarf Cherry.
277. *Prunus Reverchonii* Sarg.
278. *Prunus serotina* Ehrh. Wild Black Cherry.
279. *Prunus umbellata* Ell. Sloe, Black-Sloe, Hog Plum.
280. *Prunus umbellata* var. *tarda* (Sarg.) Wright.
281. *Prunus virginiana* L. Choke Cherry.
282. *Rosa bracteata* Wendl. MacArtney Rose, Hedge Rose.
283. *Rosa carolina* L. Swamp or Wild Rose.
284. *Rosa carolina* var. *glandulosa* (Crepin) Farwell.
285. *Rosa carolina* var. *villosa* (Best) Rehd.  
(*R. serrulata* Raf.)
286. *Rosa Palmeri* Rydb.
287. *Rosa rubiginosa* L. Sweet Brier, Eglantine.  
(*R. eglanteria* Mill.)
288. *Rosa setigera* Michx. Prairie Rose, Climbing Rose.
289. *Rosa setigera* var. *serena* Palmer & Steyer. m.
290. *Rosa setigera* var. *tomentosa* T. & G.
291. *Rosa subserrulata* Rydb. Ozark Rose.
292. *Rosa texarkana* Rydb.
293. *Rubus allegheniensis* Porter. High Bush Blackberry.  
(*R. villosus* Ait.)
294. *Rubus alumnus* Bailey.
295. *Rubus argutus* Link. High Bush Blackberry.
296. *Rubus Bushii* Bailey. Bush's Blackberry.
297. *Rubus cuneifolius* Pursh. Sand Blackberry.
298. *Rubus flagellaris* Willd. Millspangh's Blackberry, Spineless Blackberry.
299. *Rubus frondosus* Bigel. Leafy-flowered Blackberry.
300. *Rubus invisus* Bailey. Dewberry.
301. *Rubus occidentalis* L. Black raspberry, Black Cap, Thimbleberry.
302. *Rubus ostryifolius* Rydb. High Bush Blackberry.  
(*R. Andreusianus* Blanchard)
303. *Rubus rhodophyllus* Rydb.
304. *Rubus trivialis* Michx. Low Bush Blackberry.  
(*R. rubrisetus* Rydb.)
305. *Spiraea tomentosa* L. Steeple Bush, Hardhack.
- LEGUMINOSAE
306. *Acacia angustissima* (Mill) Ktze. Prairie Acacia.  
(*A. filicoides* Trel.)  
(*A. filicina* Willd.)
307. *Acacia angustissima* var. *hirta* (Nutt.) Robinson.
308. *Amorpha canescens* Pursh. Lead Plant, Wild Tea.
309. *Amorpha croceolanata* Watson.  
(*A. fruticosa* var. *croceolanata* C. Schneider.)
310. *Amorpha fruticosa* L. False Indigo.
311. *Amorpha fruticosa* var. *angustifolia* Pursh.
312. *Amorpha fruticosa* var. *emarginata* Pursh.  
(*A. emarginata* Sweet.)
313. *Amorpha fruticosa* var. *oblongifolia* Palmer.
314. *Amorpha fruticosa* var. *tennesseensis* (Shuttl.) Palmer.  
(*A. tennesseensis* Shuttl.)
315. *Amorpha glabra* Desf. Mountain Indigo.
316. *Amorpha laevigata* Nutt.
317. *Amorpha nitens* Boynton.
318. *Amorpha paniculata* T. & G.
319. *Amorpha virgata* Small.
320. *Cercis canadensis* L. Redbud, Judas-tree.
321. *Cladrastis lutea* (Michx.) Koch. Yellow-wood.
322. *Daubentonia Drummondii* Rydb. Rattle Bush, Rattle Box.
323. *Gleditsia aquatica* Marsh. Water Locust, Swamp Locust.  
(*G. monosperma* Walt.)



324. *Gleditsia triacanthos* L. Honey Locust.  
325. *Gleditsia triacanthos* var. *inermis* Pursh. Unarmed Honey Locust.  
326. X *Gleditsia texana* Sarg.  
(*G. triacanthos* x *aguatica*)  
327. *Gymnocladus dioica* (L.) K. Koch. Coffee Tree, Luck Bean.  
328. *Robinia Pseudoacacia* L. Black or Common Locust.  
329. *Sophora affinis* T. & G. *Sophora*.  
330. *Wisteria macrostachya* Nutt. Kentucky Wisteria.
- RUTACEAE  
331. *Poncirus trifoliata* Raf. Trifoliolate Orange.  
332. *Ptelea polyadenia* Greene.  
333. *Ptelea trifoliata* L. Three-leaved Hoptree, Wafer Ash.  
334. *Zanthoxylum americanum* Mill. Prickly Ash, Toothache Tree.  
335. *Zanthoxylum clava-Herculis* L. Southern Prickly Ash.
- SIMARUBACEAE  
336. *Ailanthus altissima* (Mill.) Swingle. Tree of Heaven, Ailanthus.  
(*A. glandulosus* Desf.)
- MELIACEAE  
337. *Melia Azedarach* L. China Berry Tree.
- EUPHORBIACEAE  
338. *Andrachne phyllanthoides* (Nutt.) Muell. Arg. Northern *Andrachne*.
- ANACARDIACEAE  
339. *Cotinus americanus* Nutt. Smoke Tree.  
(*Rhus cotinoides* Nutt.)  
340. *Rhus aromatica* var. *illinoensis* (Greene) Rehd. Large Skunk Bush.  
(*Rhus canadensis* var. *illinoensis* (Greene) Fern.)  
341. *Rhus aromatica* var. *serotina* (Greene) Rehd. Skunk Bush,  
Aromatic Sumac.  
342. *Rhus copallina* L. Dwarf. Black or Mountain Sumac.  
343. *Rhus glabra* L. Smooth, White or Scarlet Sumac.  
344. *Rhus radicans* L. Poison Ivy.  
(*Rhus toxicodendron* L. in part.)  
345. *Rhus radicans* f. *Negundo* (Greene) Fern.  
346. *Rhus radicans* var. *vulgaris* (Michx.) D C.  
347. *Rhus Toxicodendron* L. Poison Oak.  
(*Toxicodendron quercifolia* (Michx.) Greene.)
- AQUIFOLIACEAE  
348. *Ilex ambigua* (Michx.) Chapm.  
349. *Ilex decidua* Walt. Deciduous Holly, Winterberry.  
350. *Ilex opaca* Ait. American or White Holly.  
351. *Ilex verticillata* (L.) Gray. Virginia Winterberry.  
352. *Ilex vomitoria* Ait. Cassena, Yaupon, Emetic Holly.  
(*I. cassina* Walt.)
- CELASTRACEAE  
353. *Celastrus scandens* L. Bittersweet Vine.  
354. *Evonymus americanus* L. Strawberry Bush.  
355. *Evonymus atropurpureus* Jacq. Burning Bush, Wahoo.
- STAPHYLEACEAE  
356. *Staphylea trifolia* L. American Bladder Nut.
- ACERACEAE  
357. *Acer floridanum* (Chapm.) Pax. Southern Sugar Maple.  
358. *Acer leucoderme* Small. White-barked Sugar Maple.  
359. *Acer Negundo* L. Box Elder, Ash-leaved Maple.  
360. *Acer Negundo* var. *texanum* Pax.  
361. *Acer Negundo* var. *texanum* f. *latifolium* Sarg.  
362. *Acer nigrum* Michx. f. Black Maple.  
363. *Acer nigrum* var. *Palmeri* Sarg.  
364. *Acer rubrum* L. Red Maple.  
365. *Acer rubrum* var. *Drummondii* (H. & A.) Sarg. Swamp Maple.  
(*A. Drummondii* H. & A.)  
366. *Acer rubrum* var. *tomentosum* (Desf.) K. Koch.  
367. *Acer rubrum* var. *tridens* Wood.  
368. *Acer saccharinum* L. Silver Maple.  
(*A. dasycarpum* Ehrh.)  
369. *Acer saccharum* Marsh. Sugar Maple.  
370. *Acer saccharum* var. *glaucum* (Pax) Sarg.  
371. *Acer saccharum* f. *Rugelii* (Pax) Palmer & Steyerl.  
372. *Acer saccharum* var. *Schneckii* Rehd.
- SAPINDACEAE  
373. *Sapindus Drummondii* H. & A. Soapberry.
- HIPPOCASTANACEAE  
374. *Aesculus discolor* Pursh. Red or Little Buckeye.  
(*A. pavia* L.)

375. *Aesculus discolor* var. *mollis* Sarg. Red-flowered Buckeye.  
(*A. austrina* Small)
376. *Aesculus glabra* Willd. Ohio Buckeye.
377. *Aesculus glabra* var. *Buckleyi* Sarg.
378. *Aesculus glabra* var. *leucodermis* Sarg. Ohio Buckeye.
379. *Aesculus glabra* var. *micrantha* Sarg.
380. *Aesculus glabra* var. *monticola* Sarg.
381. *Aesculus glabra* var. *pallida* (Willd.) Kirch.
382. *Aesculus glabra* var. *Sargentii* Rehd.
383. X *Aesculus Bushii* Schneid.  
(*A. glabra* var. *leucodermis* × *discolor* var. *mollis*.)
- RHAMNACEAE
384. *Berchemia scandens* (Hill) Trel. Supple-jack, Rattan-vine.
385. *Ceanothus americanus* L. New Jersey Tea, Red-root.
386. *Ceanothus ovatus* Desf. Red Root.
387. *Ceanothus pubescens* (T. & G.) Rydb. New Jersey Tea.  
(*C. ovatus* var. *pubescens*, T. & G.)
388. *Rhamnus caroliniana* Walt. Carolina Buckthorn, Indian Cherry.
389. *Rhamnus caroliniana* var. *mollis* Fern.
390. *Rhamnus lanceolata* Pursh. Lance-leaved Buckthorn.
- VITACEAE
391. *Ampelopsis cordata* Michx. Raccoon Grape, False Grape.  
(*Cissus ampelopsis* Pers.)  
(*Vitis indivisa* Willd.)
392. *Cissus arborea* (L) Des Moulins. Pepper-Vine.  
(*Ampelopsis arborea* Rusby.)  
(*Vitis arborea* L.)
393. *Cissus incisa* (Nutt.) Ch. Desm. Cut-leaved Cissus.  
(*Vitis incisa* Nutt.)
394. *Parthenocissus quinquefolia* (L.) Planch. Virginia Creeper.  
(*Psedera quinquefolia* (L.) Greene.)  
(*Ampelopsis quinquefolia* Michx.)
395. *Parthenocissus quinquefolia* var. *hirsuta* (Pursh) Planch.  
(*Psedera quinquefolia* var. *hirsuta* (Donn) Rehd.)
396. *Parthenocissus quinquefolia* var. *Saint-Paulii* (Koehe & Graeb.) Rehd.
397. *Vitis aestivalis* Michx. Summer Grape, Small Grape, Pigeon Grape.
398. *Vitis argentifolia* Munson. Silver-leaf Grape.  
(*V. bicolor* Le Conte.)  
(*V. Leconteana* House.)
399. *Vitis cinerea* Engelm. Downy Grape, Sweet Winter Grape.
400. *Vitis cordifolia* Michx. Frost Grape, Chicken Grape.
401. *Vitis labrusca* L. Fox Grape, Plum Grape.
402. *Vitis Lincecumii* Buckl. Post Oak Grape.
403. *Vitis Lincecumii* var. *glauca* Munson.
404. *Vitis palmata* Vahl. Red Grape, Cat Grape.
405. *Vitis rotundifolia* Michx. Muscadine Grape,  
Southern Fox Grape.
406. *Vitis Rupestris* Scheele. Sand Grape, Sugar Grape.
407. *Vitis vulpina* L. Frost Grape.  
(*V. Riparia* Michx.)
- TILLIACEAE
408. *Tilia alabamensis* Ashe.
409. *Tilia americana* L. American Linden.  
(*T. glabra* Vent.)
410. *Tilia caroliniana* Mill.
411. *Tilia caroliniana* var. *rhoophila* Sarg.
412. *Tilia floridana* Small.
413. *Tilia floridana* var. *hypoleuca* Sarg.
414. *Tilia floridana* var. *oblongifolia* Sarg.
415. *Tilia Georgiana* Sarg.
416. *Tilia heterophylla* var. *Michauxii* (Nutt.) Sarg.
417. *Tilia neglecta* Spach.
418. *Tilia nuda* Sarg.
419. *Tilia tomentosa* Moench.
- MALVACEAE
420. *Hibiscus syriacus* L. Shrubby Althea, Rose of Sharon.
- HYPERICACEAE
421. *Ascyrum hypericoides* L. St. Andrew's Cross.
422. *Ascyrum hypericoides* var. *oblongifolium* (Spack.) Fern.
423. *Ascyrum stans* (Pers.) Michx. St. Peter's Wort.
424. *Hypericum adpressum* Bart.
425. *Hypericum cistifolium* Lam. Round-podded St. John's Wort.

426. *Hypericum densiflorum* Pursh. Bushy St. John's Wort.  
 427. *Hypericum lobocarpum* Gattinger.  
 428. *Hypericum oklahomense* Palmer.  
 429. *Hypericum prolificum* L. Shrubby St. John's Wort
- CACTACEAE  
 430. *Opuntia macrorhiza* Engelm. Prickly Pear.  
 431. *Opuntia Rafinesquii* Engelm. Prickly Pear; Indian Fig.  
 (*O. humifusa* Raf.)
- THYMELAEACEAE  
 432. *Dicca palustris* L. Leather Wood.
- ARALIACEAE  
 433. *Aralia spinosa* L. Hercules' Club, Angelica or Spikenard Tree.
- CORNACEAE  
 434. *Cornus asperifolia* Michx. Rough-leaf Cornel or Dogwood.  
 435. *Cornus florida* L. Flowering Dogwood. (*Cynoxylon floridum* (L.) Raf.)  
 436. *Cornus obliqua* Raf. Silky Cornel, Kinnikinnik, Swamp Dogwood.  
 (*C. amomum* Mill.)  
 (*C. sericea* L.)  
 437. *Cornus femina* Mill. Panicked Cornel or Dogwood.  
 (*C. canadensis* Marsh.)  
 (*C. stricta* Lam.)  
 438. *Cornus racemosa* Lam. Gray Dogwood.  
 (*C. paniculata* L'Her.)  
 439. *Nyssa aquatica* L. Tupelo Gum.  
 440. *Nyssa sylvatica* Marsh. Black Gum.  
 441. *Nyssa sylvatica* var. *caroliniana* Fern.  
 442. *Nyssa sylvatica* var. *dilatata* Fern.
- ERICACEAE  
 443. *Oxydendrum arboreum* (L.) DC. Sour Wood, Sorrel tree.  
 444. *Rhododendron canescens* (Michx.) G. Don. Azalea.  
 445. *Rhododendron canescens* var. *subglabra* Rehd.  
 446. *Rhododendron nudiflorum* var. *roseum* (Lois.) Wiegand. Wild  
 Honeysuckle, Pinkster Flower.  
 447. *Rhododendron oblongifolium* (Small) Mill.  
 448. *Vaccinium arboreum* Marsh. Tree Huckleberry, Farkleberry.  
 (*Batodendron arboreum* (Marsh) Nutt.)  
 449. *Vaccinium arboreum* var. *glaucescens* (Greene) Sarg.  
 (*Batodendron glaucescens* Greene.)  
 450. *Vaccinium corymbosum* L. High Bush or Tall Blueberry.  
 451. *Vaccinium Elliottii* Chapm. Elliott's Black Blueberry.  
 452. *Vaccinium fuscum* Ait.  
 453. *Vaccinium melanocarpum* Mohr. High-bush Huckleberry.  
 454. *Vaccinium stamineum* L. Deerberry, Buckberry.  
 (*Polycodium stamineum* (L.) Greene.)  
 455. *Vaccinium stamineum* var. *neglectum* (Small) Deam.  
 (*V. neglectum* (Small) Fern.)  
 (*Polycodium neglectum* Small.)  
 456. *Vaccinium tenellum* Ait. Southern Black Huckleberry, Small  
 Black Blueberry.  
 457. *Vaccinium vacillans* Kalm. Low Huckleberry, Low Blueberry.  
 458. *Vaccinium vacillans* var. *crinitum* Fern.  
 (*V. crinitum* Fern.)  
 459. *Vaccinium virgatum* Ait. Southern Black Huckleberry.  
 460. *Vaccinium virgatum* var. *ozarkense* Ashe.  
 461. *Vaccinium virgatum* var. *parviflorum* Gray.  
 462. *Vaccinium virgatum* var. *speciosum* Palmer.  
 463. *Vaccinium viride* Ashe.  
 464. *Xolisma ligustrina* (L.) Britt. Privet Andromeda.  
 (*Lyonia ligustrina* (L.) DC.)  
 465. *Xolisma ligustrina* var. *foliosiflora* (Michx.) Mohr.  
 466. *Xolisma mariana* (L.) Rehd. Stagger-bush.  
 (*Lyonia mariana* (L.) D. Don.)  
 (*Neopieris mariana* (L.) Britt.)  
 (*Andromeda mariana* (L.) Gray.)
- SAPOTACEAE  
 467. *Bumelia lanuginosa* (Michx.) Pers. Woolly Buckthorn.  
 468. *Bumelia lycioides* (L.) Pers. Southern Buckthorn.
- EBENACEAE  
 469. *Diospyros virginiana* L. Persimmon.  
 470. *Diospyros virginiana* var. *platycarpa* Sarg. Persimmon.  
 471. *Diospyros virginiana* var. *pubescens* (Pursh) Dipp.
- STRACACEAE  
 472. *Halesia carolina* L. Silver bell, Snow drop Tree.  
 473. *Halesia monticola* var. *vestita* Sarg.

474. *Halesia parviflora* Michx. Silverbell Tree.  
(*Mohrodendron parviflorum* (Michx.) Britt.)
475. *Styrax americana* Lam. Smooth Storax.  
(*S. grandiflora* Ait.)
476. *Styrax grandifolia* Ait. Large-leaved Storax.
477. *Styrax pulverulenta* Michx. Downy Storax.
478. *Symplocos tinctoria* (L.) L'Her. Sweet Leaf, Horse Sugar.
479. *Symplocos tinctoria* var. *Ashei* Harbison.
- OLEACEAE
480. *Chionanthus virginica* L. Fringe Tree, Old Man's Beard.
481. *Forestiera acuminata* (Michx.) Poir. Swamp Privet.  
(*Adelia acuminata* Michx.)  
(*F. pubescens* Nutt.)
482. *Forestiera acuminata* var. *vestita* Palmer. Swamp Privet.
483. *Fraxinus americana* L. White Ash, Cane Ash.
484. *Fraxinus americana* var. *crassifolia* Sarg.
485. *Fraxinus Biltmoreana* Beadle. Biltmore Ash.
486. *Fraxinus caroliniana* Mill. Water or Carolina Ash.  
(*F. platycarpa* Michx.)
487. *Fraxinus pennsylvanica* var. *lanceolata* (Borkh.) Sarg. Green Ash.
488. *Fraxinus quadrangulata* Michx. Blue Ash.
489. *Fraxinus tomentosa* Michx. f. *Pumpkin* Ash.  
(*F. profunda* Bush.)
- LOGANIACEAE
490. *Gelsemium sempervirens* (L.) Ait. Yellow Jessamine, Carolina Jasmine.
- APOCYNACEAE
491. *Trachelospermum difforme* (Walt.) Gray. Climbing Dogbane.
- VERBENACEAE
492. *Callicarpa americana* L. French Mulberry, Beautyberry.
- SCROPHULARIACEAE
493. *Paulownia tomentosa* (Thunb.) Steud. Princess Tree.
- BIGNONIACEAE
494. *Bignonia capreolata* L. Cross Vine.  
(*B. crucifera* L.)  
(*Anisostichus capreolata* (L.) Bureau.)
495. *Campsis radicans* (L.) Seem. Trumpet Creeper.  
(*Bignonia radicans* L.)  
(*Tecoma radicans* (L.) Juss.)
496. *Catalpa speciosa* Warder. Catalpa, Cigar Tree.
- RUBIACEAE
497. *Cephalanthus occidentalis* L. Button Bush, Button Tree.
498. *Cephalanthus occidentalis* var. *pubescens* Raf.
499. *Mitchella repens* L. Partridge berry.
- CAPRIFOLIACEAE
500. *Lonicera dioica* L. Smooth-leaved or Glaucous Honeysuckle.  
(*L. glauca* Hill.)
501. *Lonicera flava* Sims. Yellow Honeysuckle.
502. *Lonicera japonica* Thunb. Japanese Honeysuckle.
503. *Lonicera prolifera* (Kirchner) Rehd. Grape Honeysuckle.
504. *Lonicera sempervirens* L. Trumpet or Coral Honeysuckle.
505. *Sambucus canadensis* L. Elder, Elder-berry.
506. *Sambucus canadensis* var. *submollis* Rehd.
507. *Symphoricarpos orbiculatus* Moench. Coral Berry, Indian Currant, Buck Bush.  
(*S. symphoricarpos* (L.) MacM.)  
(*S. vulgaris* Michx.)
508. *Viburnum dentatum* L. Arrow Wood.
509. *Viburnum dentatum* var. *semitomentosum* Michx.
510. *Viburnum molle* Michx. Soft-leaved Arrow Wood.
511. *Viburnum nudum* L. Large or Naked Withe-rod.
512. *Viburnum ozarkense* Ashe. Ozark Viburnum.
513. *Viburnum prunifolium* L. Northern Black Haw.
514. *Viburnum prunifolium* var. *Bushii* (Ashe) Palmer & Steyerm.
515. *Viburnum Rafinesqueanum* var. *Affine* (Bushe & Schneider) House.
516. *Viburnum rufidulum* Raf. Southern Black Haw.
517. *Viburnum scabrellum* (T. & G.) Chapm.
- COMPOSITAE
518. *Baccharis salicina* T. & G. Willow Baccharis.

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