

CATALOGUE
OF THE
SPECIES AND VARIETIES OF PLANTS
IN THE
VANDERBILT ARBORETUM.

PART I.

TREES, SHRUBS, AND WOODY VINES, GROWING UPON THE GROUNDS
MAY, 1879, NOT INCLUDING CONIFERÆ.

NOTE.—Generally but a single common name is added to the systematic one; if a species has more, it or they may be found, in most cases, in the Index, and referred to the proper species by the numbers.

The species with *a* attached were contributed by Mr. Thomas Meehan; those with *b* were obtained from other sources. The two letters, *a b*, indicate species before represented to which Mr. Meehan has added other individuals.

I. RANUNCULACEÆ (*Crowfoots*).

1. *Clematis Virginiana*, L. Virgin's Bower. *b.*

II. MAGNOLIACEÆ (*Magnolia Family*).

2. *Magnolia grandiflora*, L. Great Laurel Magnolia. *b.*
3. " *acuminata*, L. Cucumber-tree. *a.*
4. " *gracilis* (var.). *a.*
5. " *Soulangeana*, Hort. Soulange's M. *a.*
6. " *umbrella*, Lam. (*tripetala*). Umbrella-tree. *a b.*
7. " *cordata*, Mx. Heart-leaved M. *a.*
8. " *purpurea*. Purple M. *a.*
9. *Liriodendron tulipifera*, L. Tulip-tree. " Poplar." *b.*

III. MENISPERMACEÆ (*Moon-seeds*).

10. *Cocculus Carolinus*, DC. Carolina Coeculus. *b.*

IV. BERBERIDACEÆ (*Barberry Family*).

11. *Berberis Aquifolium*, Ph. Holly Barberry. *Mahonia. a b.*
12. " *vulgaris*, L. Common Barberry. *a.*
13. " *purpurea*. Purple-leaved B. *a.*

V. MALVACEÆ (*Mallows*).

14. *Hibiscus Syriacus*, L. Shrubby Althæa. *b.*

VI. TILIACEÆ (*Lindens*).

15. *Tilia Americana*, L. Basswood. *a b.*
16. " *Europaea*, L. European Linden. *a b.*

ИЗВОДЪ ТИМПРАВО
УЧИЛЪ ТИМПРАВА

VII. RUTACEÆ (Rue Family).

17. *Ruta graveolens*, Common Rue. b.
18. *Zanthoxylum (Xanthoxylum)* *Carolinianum*, Lam. Southern Prickly Ash. a.

VIII. ANACARDIACEÆ (Cashew Family).

19. *Rhus glabra*, L. Smooth Sumach. b.
20. " *Toxicodendron*, L. Poison-ivy. b.
21. " *Cotinus*, L. Smoke-tree. a. b.
22. " *typhina*, L. Staghorn-sumach. a. b.

IX. VITACEÆ (Vine Family).

23. *Ampelopsis quinquefolia*, Mx. Virginia-creeper. b.
24. " *Veitchii*. Veitch's Ampelopsis. b.
25. *Vitis Labrusca*, L. Northern Fox-grape. b. (Represented by Isabella, Catawba, Concord, etc.)
26. " *festivalis*, Mx. Summer Grape. b. (Represented by Clinton, Norton's Virginia Seedling, etc.)
27. " *riparia*, Mx. b. (Represented by Delaware, etc.)
28. " *cordifolia*, Mx. Winter or Frost-grape. b.
29. " *vulpina*, L. Muscadine. Southern Fox-grape. b. (Original of Scuppernong.)

X. RHAMNACEÆ (Buckthorn Family).

30. *Frangula Caroliniana*, Gray. Alder-buckthorn. b.
31. *Rhamnus catharticus*, L. Common Buckthorn. a.
32. " *infectorius*, L. Dyer's Buckthorn. a.
33. " *Wichellii*. a.
34. " *Carolinianus*, Watt. a.
35. " *frangula*, L. a.

XI. CALASTRACEÆ (Staff-tree Family).

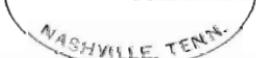
36. *Euonymus atropurpureus*, Jacq. Burning Bush. a. b.
37. " *Americanus*, L. Strawberry-bush. a. b.
38. " *Europæus*, L. European Spindle-tree. a.
39. " " *atropurpureus*.
40. " " *alba*.
41. " *Japonicus*, Japan Euonymus. a.
42. " " *argenteus*. Silver E. a.
43. " " *aureus*. Golden E. a.

XII. SAPINDACEÆ (Soapberry Family).

44. *Staphylea trifolia*, L. Amer. Bladder-nut. a.
45. *Kaetzeuteria paniculata*, Lax. Panicked K. a.
46. *Aesculus Hippocastanum*, L. Common Horse-chestnut. a. b.
47. " *glabra*, Willd. Feted or Ohio Buckeye. a. b.
48. *A. (Pavia) parviflora*, Watt. Dwarf Horse-chestnut. a. b.
49. *Acer Pennsylvanicum (striatum)*, L. Striped Maple. a.
50. " *spicatum*, Lam. Mountain-maple. a.
51. " *saccharinum*, Wang. Sugar or Rock-maple. a. b.
52. " " *nigrum*. Black Sugar-maple. a. b.
53. " *dasycarpum*, Ehr. White or Silver-maple. a. b.
54. " *rubrum*, L. Red or Swamp-maple. a. b.
55. " *Pseudo-platanus*, L. Sycamore-maple. a.
56. " " " *purpurea*. Purple-leaved Sycamore-maple. a.
57. " *platanoides*, L. Norway Maple. a.
58. " *macrophyllum*, Ph. Large-leaved Maple. Oregon M. a.
59. " *campestre*, L. English Cork-bark M. a.
60. " *Colchicum rubrum*. Colchican M. a.
61. " *obtusatum*, Kit. Blunt-leaved M. a.
62. " *Tartaricum*, L. Tartarian Maple. a.
63. *Negundo aceroides*, Mœnch. Box-elder. Ash-leaved Maple b.

XIII. LEGUMINOSÆ (Pulse Family).

64. *Cytisus scoparius*, Lk. Scotch Broom. b.
65. *Laburnum vulgare*, L. (Glossy-leaved) Golden Chain. a.
66. *Ulex Europæus*, L. European Ulex. a.
67. *Amorpha fruticosa*, L. False Indigo. a.
68. *Robinia Pseudacacia*. (Cottonwood Edges). False Acacia. b.



69. *Colutea arborescens*, L. Bladder-senna. *a.*
 70. *Wistaria sinensis*, DC. Chinese W. *a.*
 71. " " *alba*. *a.*
 72. " *magnifica*. *a.*
 73. " *frutescens*, DC. American W. *a.*
 74. *Cladastis tinctoria*, Raf. (*Virgilia lutea*, Mx.) Yellow Wood. *b.*
 75. *Sophora Japonica*, L. Japan Sophora. *a.*
 76. *Cercis Canadensis*, L. Red Bud. *a.*
 77. " *Japonica*. Japan Red Bud. *a.*
 78. *Gymnocladus Canadensis*, Lam. Kentucky Coffee-tree. *a.*
 79. *Gleditschia triacanthus*, L. Honey Locust. *b.*
 80. *Albizia (Acacia) Julibrissin*, Willd. Silk-flower. *b.*

XIV. ROSACEÆ (Rose Family).

81. *Prunus (Amygdalus) nana*, Ait. Dwarf or Flowering Almond. *a.*
 82. " (" " Double Pink. *a.*
 83. " (" " Double White. *a.*
 84. " (" *Persica*, L. Common Peach. *b.*
 85. " *Armeniaca*, Willd. Apricot. *b.*
 86. " *Americana*, Marsh. Red Plum. Yellow Plum. *b.*
 87. " (*Cerasus*) *Cerasus*, L. Garden Red Cherry. *b.*
 88. " (" *avium*, Mœnch. English Cherry. *b.*
 89. " (" *serotina*, Ehrhart. Wild Black Cherry. *b.*
 90. " (" *Mahaleb*, Mil. Mahaleb. *a.*
 91. " *Caroliniana*, Ait. Carolina Laurel-cherry. *b.*
 92. *Spiraea opulifolia*, L. Nine-bark. *a.*
 93. " " *aurea*. *a.*
 94. " *salicifolia*, L. Common Meadow-sweet. *a.*
 95. " *Douglasii*. Douglas's Meadow-sweet. *a.*
 96. " *callosa* (*Fortunii*). *a.*
 97. " var. *alba*. *a.*
 98. " *chamædrofolia*, L. *a.*
 99. " *lanceolata* (*Reevesii*). *a.*
 100. " *prunifolia*. *a.*
 101. " *sorbifolia*, L. Sorbus-leaved S. *a.*
 102. " *crenata*. *a.*
 103. " *carpinifolia*, Willd. Hornbeam-leaved S. *a.*
 104. " *Billardi*. Billard's S. *a.*
 105. " *Nobleana*. *a.*
 106. " *paniculata*, Willd. *a.*
 107. " *Thunbergi*. *a.*
 108. " *Indica*. *a.*
 109. " *vaccinifolia*. *a.*
 110. *Potentilla fruticosa*, L. Shrubby Cinquefoil. *a.*
 111. *Rubus occidentalis*, L. Black Raspberry. *a.*
 112. " *villosus*, Ait. High Blackberry. *a.*
 113. *Rosa rubiginosa*, L. Sweet-brier. *b.*
 114. " *Indica*, L. India or China Roses. Includes the Tea-, perpetual, Bengal, Bourbon, and other roses. *b.*
 115. " *Gallica*. L. French Red Rose. The common Red Rose of the gardens—the original of 300 varieties. *b.*
 116. " *centifolia*, L. Hundred-leaved or Cabbage Rose. Perhaps var. of last. *b.*
 117. " *eglantieria*, Ser. Yellow Eglantine Rose. *b.*
 118. *Crataegus cordata*, Ait. Washington Thorn. *a.*
 119. " *Oxyacantha*, L. English Hawthorn. *a.*
 120. " *Crus-galli*, L. Cockspur-thorn. *a.*
 121. " *coccinea*, L. Scarlet-fruited H. *a.*
 122. *Amelanchier Canadensis*, T. & G. Service-berry. *b.*
 123. " " var. *Botryapum*. *a.*
 124. *Pyrus communis*, L. Pear. *b.*
 125. " " *Malus*, L. Apple. *b.*
 126. *Cydonia Japonica*, Pers. Japan Quince. *a.*
 127. " " *alba*. *a.*
 128. " *vulgaris*, Pers. Common Quince. *a.*

XV. CALYCANTHACEÆ (*Calycanthus* Family).

129. *Calycanthus floridus*, L. Sweet-scented Shrub. *a.*

XVI. SAXIFRAGACEÆ (*Saxifrage Family*).

130. *Ribes floridum*, L'Her. Wild Black Currant. *a.*
 131. " *aureum*, Ph. Golden or Buffalo Currant. *a.*
 132. " " var. *Missouriensis*. Missouri Currant. *a.*
 133. " *Grossularia*, L. Garden Gooseberry. *b.*
 134. *Itea Virginica*, L. *Itea*. *a.*
 135. *Philadelphus coronarius*, L. Common Mock Orange. *b.*
 136. " *Gordonianus*. (Var. of 137?) *a.*
 137. " *grandiflorus*, Willd. *a. b.*
 138. " *Zeyheri*. (Name?) *a.*
 139. " *tomentosus*. *a.*
 140. " *Columbianus*. *a.*
 141. *Deutzia crenata*. Scallop-leaved D. *a.*
 142. " " flower plane pink. *a.*
 143. " " flower white. *a.*
 144. " *gracilis*. Slender D. *a.*
 145. " *scabra*. Rough-leaved D. *a.*
 146. " *Fortunii*. Fortune's D. *a.*
 147. *Hydrangea paniculata*, *grandiflora*. White H. *a.*
 148. " *queratifolia*, Bart. Oak-leaved H. *a.*
 149. " *flavescens*. *a.*

XVII. HAMAMELACEÆ (*Witch Hazel Family*).

150. *Hamamelis Virginica*, L. Witch Hazel. *a.*
 151. *Liquidamber styraciflua*, L. Sweet Gum. *a.*

XVIII. LYTHRACEÆ (*Loosestrife Family*).

152. *Lagerstroemia Indica*, L. Crape-myrtle. *b.*
 153. *Cuphea platycentra*. Cigar-plant. *b.*

XIX. ARALIACEÆ (*Ginseng Family*).

154. *Aralia spinosa*, Tourn. Angellica-tree. *b.*
 155. *Hedera Helix*, L. True or English Ivy. *b.*

XX. CORNACEÆ (*Dogwood Family*).

156. *Cornus florida*, L. Flowering Dogwood. *a. b.*
 157. " *sericea*, L. Silky Dogwood. *a. b.*
 158. " *alternifolia*, L. Alternate-leaved D. *a.*
 159. " *mascula*, L. Cornel-cherry. *a.*
 160. " *sanguinea*, L. European Red Osier. *a.*
 161. " " *variegata*. *a.*
 162. " *stolonifera*, Mx. (C. alba, Pursh.) Red Osier D. *a.*
 163. " *stricta*, Lam. Stiff Dogwood. *a.*
 164. *Nyssa multiflora*, Wang. Sour Gum. *a.*

XXI. CAPRIFOLIACEÆ (*Honeysuckle Family*).

165. *Symporicarpus vulgaris*, Mx. Indian Currant. *a. b.*
 166. " *racemosus*, Mx. Snowberry. *a.*
 167. *Lonicera sempervirens*, Ait. Red Coral Honeysuckle. *b.*
 168. " *Japonica*, L. Evergreen Honeysuckle. *b.*
 169. " *grata?* Sweet Wild Honeysuckle. *b.*
 170. " *Xylosteum*, Willd. Fly Honeysuckle. *a.*
 171. " *Siberica*, Vest. Siberian H. *a.*
 172. " *Tartarica*, L. Tartarian H. *a.*
 173. " " *alba*. *a.*
 174. " *Orientalis*, Lam. Oriental H. *a.*
 175. " *Ledebouri*. Ledebour's H. *a.*
 178. *Dierilla (Weigelia) rosea*. Bush Honeysuckle. *a.*
 179. " *Desboissii*. *a.*
 180. " *hortensis*. *a.*
 181. " *amabilis*. *a.*
 182. " " *variegata*. *a.*
 183. *Viburnum prunifolium*, L. Black Haw. *a. b.*
 184. " *opulus*, L. Var. *roseum*. Snowball. *a.*
 185. " " Var. *oxycoccus*. High Bush Cranberry. *a.*
 186. " *nudum*, L. Withe-rod. *a.*
 187. " *plicatum*. Japan Snowball. *a.*

188. *Sambucus Canadensis*, L. Common Elder. a. b.
 189. " *pubens*, Mx. Red-berry Elder. a.

XXII. RUBIACEÆ (*Madder Family*).

190. *Cephalanthus occidentalis*, L. Button-bush. a.

XXIII. COMPOSITÆ (*Composite Family*). b.

191. *Artemisia Abrotanum*, L. Southernwood. b.

XXIV. ERICACEÆ (*Heath Family*).

192. *Andromeda calyculata*, L. Leather-leaf. a.
 193. *Kalmia angustifolia*, L. Sheep-laurel. a.
 194. " *latifolia*, L. Calico Bush. a.
 195. *Clethra alnifolia*, L. White Alder. a.

XXV. AQUIFOLIACEÆ (*Holly Family*).

196. *Ilex opaca*, L. American Holly. a. b.
 197. *Ilex (Prinos) glabra*, Gray. Inkberry. a.

XXVI. EBENACEÆ (*Ebony Family*).

198. *Diospyros Virginiana*, L. Persimmon. Date-plum. a.

XXVII. SAPOTACEÆ (*Sappodilla Family*).

199. *Bumelia lycioides*, Gærtn. Southern Buckthorn. b.

XXVIII. STYRACACEÆ (*Storax Family*).

200. *Halesia tetraptera*, L. Four-winged Snowdrop Tr. a.
 201. " *diptera*, L. Two-winged Snowdrop Tr.

XXIX. BIGNONIACEÆ (*Bignonia Family*).

202. *Bignonia capreolata*, L. Cross-vine. b.
 203. *Tecoma radicans*, Juss. Trumpet-flower. b.
 204. *Catalpa bignonioides*, Walt. Catalpa. a. b.
 205. " " Var. Kæmpferi. a.

XXX. SCROPHULARIACEÆ (*Figworts*).

206. *Paulownia imperialis*, Sieb. Paulownia. b.

XXXI. VERBENACEÆ (*Vervains*).

207. *Callicarpa purpurea*, Juss. Purple C. a.
 208. *Vitex Agnus-castus*, L. Chaste Tree. a.

XXXII. SOLANACEÆ (*Nightshade Family*).

209. *Solanum Dulcamara*, L. Bittersweet. b.
 210. " *Pseudo-capsicum*, L. Jerusalem Cherry. b.

XXXIII. LOGANIACEÆ (*Logania Family*).

211. *Buddleia* (var.) *purpurea*. b.
 212. *Gelsemium sempervirens*. Ait. Yellow Jessamine. b.

XXXIV. APOCYNACEÆ (*Dogbane Family*).

213. *Nerium Oleander*, L. Oleander. b.
 214. *Vinca minor*, L. Common Periwinkle. b.
 215. " *major*, L. Large Periwinkle. b.

XXXV. OLEACEÆ (*Olive Family*).

216. *Forsythia viridissima*. a. b.
 217. " *suspensa*, Vahl. Golden Bell. a.
 218. *Syringa vulgaris*, L. Purple. Common. Lilac. a. b.
 219. " " White.
 220. " " Double.
 221. " " Dr. Stockhardt.
 222. " " *rubra insignis*.
 223. " *Persica*. Persian Lilac.
 224. *Ligustrum vulgare*, L. Common Privet. a. b.
 225. " " myrtle-leaved. a.
 226. *Chionanthus Virginica*, L. Fringe-tree. a.
 227. " *Maritima*, Ph. Marine C. a.

228. *Fraxinus Americana*, L. White Ash. a. b. 221
 229. " quadrangulata, Mx. Blue Ash. b. 221
 230. " pubescens, Walt. Red Ash. a. 221
 231. " excelsior, Willd. European Ash. a. 221
 232. " platycarpa, Mx. Carolina Water-ash. a. 221

XXXVI. LAURACEÆ (Laurel Family).

233. *Sassafras officinale*, Nees. (*Laurus Sassafras*, L.) a. b. 221
 234. *Lindera Benzoin*, Meis. (*L. Benzoin*, L.) Spice-bush. a. 221

XXXVII. ELÆGNACEÆ (Oleaster Family).

235. *Elaeagnus parvifolia*. Silver-thorn. a. 221

XXXVIII. LORANTHACEÆ (Mistletoe Family).

236. *Phoradendron flavescens*, Nutt. American Mistletoe. b. 221

XXXIX. EUPHORBIACEÆ (Spurge Family).

237. *Buxus sempervirens*, L. Boxwood. a. b. 221

XL. URTICACEÆ (Nettle Family).

238. *Ulmus fulva*, Mx. Slippery Elm. b. 221
 239. " *Americana*, L. American or White Elm. b. 221
 240. " *racemosa*, Th. Corky White Elm. b. 221
 241. " *alata*, Mx. Whahoo or Winged Elm. b. 221
 242. *Planera Californica*. California Planer-tree. a. 221
 243. *Celtis occidentalis*, L. Hackberry. b. 221
 244. *Morus rubra*, L. Red Mulberry. b. 221
 245. " *alba*, L. White Mulberry. b. 221
 246. *Broussonetia papyrifera*. L'Her. Paper Mulberry. b. 221
 247. *Maclura aurantiaca*, Osage-orange. b. 221

XLI. PLATANACEÆ (Plane-tree Family).

248. *Platanus occidentalis*, L. American Plane Sycamore. a. b. 221

XLII. JUGLANDACEÆ (Walnut Family).

249. *Juglans cinerea*, L. Butternut. White Walnut. b. 221
 250. " *nigra*, L. Black Walnut. b. 221
 251. " *regia*, L. English Walnut. a. 221
 252. *Carya oliviformis*, Nutt. Pecan-nut. a. b. 221
 253. " species? b. 221

XLIII. CUPULIFERÆ (Oak Family).

- 254. *Quercus alba*, L. White Oak. a. 221
 255. " *stellata*, Wang. (*Q. obtusiloba*, Mx.) Post Oak. a. 221
 256. " *macrocarpa*, Mx. Mossy Cup White Oak. a. b. 221
 257. " *lyrata*, Walt. Swamp Post Oak. a. 221
 258. " *bicolor*, Willd. Swamp White Oak. a. 221
 259. " *Prinus*, L. Chestnut Oak. 221
 260. " Var. *Monticola*, Mx. Rock Chestnut Oak. a. 221
 261. " *Muhlenbergii*, Eng. Var. *prinoides*. Chinquapin Oak. a. 221
 -262. " *rubra*, L. Red Oak. a. b. 221
 263. " *coccinea*, Wang. Scarlet Oak. a. 221
 264. " Var. *tinctoria*, Bart. Black Oak. a. 221
 265. " *falcata*, Mx. Spanish Oak. a. b. 221
 266. " *ilicifolia*, Wang. Bear, or Black Scrub Oak. a. 221
 267. " Var. *Banisteri*, Mx. a. 221
 268. " *palustris*, Mx. Pin Oak. a. 221
 269. " *aquatica*, Catesby. Water Oak. a. 221
 270. " *cinerea*, Mx. Ash-colored Oak. a. 221
 -271. " *imbricaria*, Mx. Laurel or Shingle Oak. a. b. 221
 272. " *robur*, Willd. British White Oak. a. 221
 273. *Castanea vesca*, L. Chestnut. a. 221
 274. *Fagus ferruginea*, Ait. Amer. Beech. a. b. 221
 275. " *sylvatica*, L. European Beech. a. 221
 276. " Var. *purpurea*. Purple Beech. a. 221
 277. " Var. *heterophylla*. Fern-leaved Beech. a. 221
 278. " Var. *pendula*. Weeping Beech. 221
 279. *Corylus Avellana*, L. European Hazel-nut. Filbert. a. 221

280. *Corylus* Var. *purpurea*. Purple Hazel-nut. *a.*
 281. *Ostrya Virginica*, Willd. Hop-hornbeam. *a b.*
 282. *Carpinus Americana*, Mx. Hornbeam. *b.*

XLIV. BETULACEÆ (*Birch Family*).

283. *Betula lenta*, L. Cherry, Sweet, or Black Birch. *a.*
 284. " *alba*, Var. *populifolia*, Spach. Amer. White, or Poplar-leaved Birch. *a.*
 285. " *nigra*, L. (*B. rubra*, Mx.) River or Red Birch. *a.*
 286. *Alnus glutinosa*, L. European Alder. *a.*
 287. " " *lacinata*. Cut-leaved Alder. *a.*
 288. " *maritima*, Muhl. Sea-side Alder. *a.*

XLV. SALICACEÆ (*Willow Family*).

289. *Salix nigra*, Marsh. Black Willow. *b.*
 290. " *Babylonica*, L. Weeping Willow. *a b.*
 291. " " Var. *Salomonii*. *a.*
 292. " " Var. *annularis*. Hoop or Curled Willow. *a.*
 293. " *caprea*, L. Goat Willow. "The Sallow." "Kilmarnock" is a weeping variety. *a b.*
 294. " *vitellina*, L. Yellow Willow. Golden Osier. *a.*
 295. " *petiolaris*, Smith. Petioled Willow. Green Osier. *a.*
 296. " *pentandra*, L. Bay Willow. *a.*
 297. " *Japonica*. Japan Willow. *a.*
 298. *Populus tremuloides*, Mx. Amer. Aspen. *b.*
 299. " *grandidenta*, Mx. Large-toothed Aspen. *b.*
 300. " *alba*, L. Abele or White Poplar. *b.*
 301. " *balsamifera*, L. Balsam Poplar. *a b.*
 302. " *Monilifera*, Ait. Necklace Poplar. Cotton-wood. *a b.*
 303. " *angulata*, Ait. Angled Cotton-wood. *a b.*
 304. " *dilatata*, Ait. Lombardy Poplar. *b.*
 305. " *angustifolia*, Colorado Balsam. *a.*

XLVI. LILIACEÆ (*Lily Family*).

306. *Yucca filamentosa*, L. Bear Grass. Adam's Needle. *b.*

NOTE.—Plants of any species or variety, not included in the above list, are desired, in order to make the collection as complete as possible. Friends who propose to make donations will confer with Dr. SAFFORD, Professor of Botany. The soils and positions are favorable to a general and varied collection, and the landscape gardener, Mr. D. Douglass, bestows skillful care upon all trees and shrubs. Specimens thankfully received.

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Abele.....	300	Beech.....	274	Buxus.....	237
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