

104164 to 104172—Continued.

104168. *EUCALYPTUS TORQUATA* Luehm.

A tree with lanceolate, oblique, leathery, dull gray-green leaves 4 inches long and reddish-orange flowers in umbels of seven on stalks 1 inch long. Native to Western Australia.

104169. *EUCALYPTUS MACROCARPA* Hook.

A stout Australian shrub or small tree up to 15 feet high, with thick, rigid, cordate, glaucous leaves 6 inches long and large, solitary, brilliant orange or crimson flowers.

For previous introduction see 93838.

104170. *EUCALYPTUS PATENS* Benth.

An Australian tree up to 100 feet high, with falcate lanceolate leaves 6 inches long, short panicles of small flowers, and flat-topped globular fruits. The tough durable wood is used by wheelwrights.

For previous introduction see 77611.

104171. *EUCALYPTUS PREISSIANA* Schau.

A shrubby eucalyptus about 8 feet high, with rigid branchlets, shining-green, oblong-elliptic leaves nearly 4 inches long, and small yellowish flowers in axillary clusters. Native to southern Australia.

104172. *EUCALYPTUS* sp.

Received under the name "steedmannii." It is said to have golden-yellow flowers and shining, reddish bark. Native to Western Australia.

104173 to 104190. *VITIS VINIFERA* L. Vitaceae. European grape.

From India. Plants purchased from the Government Botanical Gardens, Mohala, Sangyan, Saharanpur. Received February 1, 1934.

A collection of grape varieties introduced for the use of Department specialists.

104173. *Bedana*.104174. *Bedana Red Kishmish*.104175. *Bedana White*.104176. *Black Round*.104177. *Country*.104178. *Crystal*.104179. *General de la Marmora*.104180. *Hoitha*.104181. *Hussaini*.104182. *James*.104183. *Japan*.104184. *Kadhari*.104185. *Large White*.104186. *Mothea*.104187. *Red Prince*.104188. *Sharbati*.104189. *Trebbina*.104190. *Vineyard*.104191. *GOSYPIUM* sp. Malvaceae.

Cotton.

From Hawaii. Seeds presented by J. M. Westgate, Director, Hawaii Agricultural Experiment Station, Honolulu. Received February 1, 1934.

Caravonica cotton. Introduced for the use of Department specialists interested in cotton breeding.

104192. *ERYTHROXYLON COCA* Lam. Erythroxylaceae. Cocaine-tree.

From Cuba. Seeds presented by Robert M. Grey, Superintendent, Atkins Institution of the Arnold Arboretum, Soledad, Cienfuegos, through F. G. Waisingham. Received February 1, 1934.

A tropical shrub, native to Peru, 5 to 6 feet high with yellowish flowers borne in clusters of 3 to 5. It is grown commercially on a large scale throughout the warmer parts of South America, also in Java and Ceylon, for the sake of cocaine, which is extracted from the dried leaves.

For previous introduction see 78509.

104193 to 104195. *ALLIUM CEPA* L. Liliaceae. Onion.

From Italy. Seeds purchased through W. Roderick Dorsey, American consul general, Genoa. Received February 3, 1934.

104193. *Rossa della rocca*. Introduced as a red onion, but proved to be a fine large yellow-skinned, white-fleshed onion of exceptionally sweet taste.

104194. *Rossa Piatta di Bassano*.104195. *Rossa Sanguigna di Genova*.104196. *SALIX TAXIFOLIA* H. B. K. Salicaceae.

From Tucson, Ariz. Cuttings collected by S. B. Detwiler, Bureau of Plant Industry. Received February 6, 1934.

A shrub, or occasionally a tree 50 feet high, with silvery silky lanceolate or linear leaves about 1 inch long. Native to northern Mexico and the southwestern United States.

104197 to 104210.

From France. Plants purchased from the Grandes Roseraies du Val de la Loir, Orléans. Received February 6, 1934.

104197. *CARRIEREA CALYCINA* Franch. Flacourtiaceae.

A beautiful tree up to 50 feet high, very similar in foliage to *Idesia polycarpa*. The alternate leaves, 5 to 7 inches long, are ovate to ovate-oblong, smooth, dark green shaded to purple. The tubular white flowers, less than an inch long, are in few flowered terminal clusters. Native to the northeastern part of Szechwan, China, at 4,500 feet altitude.

For previous introduction see 29094.

104198. *CERCIS RACEMOSA* Oliver. Caesalpiniaceae. Redbud.

An ornamental Chinese tree about 15 feet high, with dark-green, heart-shaped leaves and small rosy flowers in pendulous racemes about 4 inches long. The tree commences to flower when 1 year old.

For previous introduction see 78118.