

13101. GOSSYPIUM HIRSUTUM.**Cotton.**

From Cucanha, near Tucura, Guatemala. Received thru Mr. O. F. Cook, March 17, 1905.

"A cotton similar to *Kekchi* grown in the valley of Polochic River." (Cook.) (No. 8.)

13102. MESEMBRYANTHEMUM GEMINATUM (?)

From Sfax, Tunis. Received thru Mr. T. H. Kearney, March 17, 1905.

"Cuttings of a variety of Mesembryanthemum that is used for making lawns on land that is so alkaline that deposits of white alkali may be seen beneath the mat of the plant. I believe this will be valuable as a cover for alkaline soils." (Fairchild.)

13103. CARICA PAPAYA.**Papaw.**

From Esmeraldas, Ecuador. Presented by Mr. George D. Hedican. Received March 16, 1905.

13104. ALEURITES CORDATA.**Tung-shu or wood-oil tree.**

From Hankow, China. Presented by Consul-General L. S. Wilcox and received at Chico, Cal., March 18, 1905.

"The fruit of this tree is the source of "wood oil," which is being imported in large quantities by this country, where it is used in the manufacture of paints, fine varnishes, and soaps. The tree itself is of stately appearance, with green, smooth bark and spreading branches, making it one of the finest of shade trees. It has been styled, and worthily so, "the national tree of China." The Tung-shu flourishes thruout the Yangtze Valley in latitude 25° to 34° N. It is said not to bear when subjected to temperatures as low as 20° F., altho it will stand any degree of heat. The trees are raised from seed in a bed and transplanted when about a foot high, and seem to do well in almost any kind of soil. The Tung-shu is also propagated by cuttings. It is a rapid grower and will come into bearing in from three to six years, much depending upon the fertility of the soil. The yield of nuts from an average tree may be put at anywhere from 20 to 50 pounds, while the percentage of oil obtained from the nut is 40 per cent. The Chinese find a great many other uses for the oil of this tree; also for its wood and the refuse from the wood oil nut after extraction of the oil. Persons growing the wood oil tree should be cautioned against allowing the oil to come in contact with the skin, as it is extremely poisonous." (Wilcox.)

13105. SOLANUM COMMERSONI.**Aquatic potato.**

From Burlington, Vt. Presented by Prof. William Stuart, Agricultural Experiment Station, thru Mr. W. A. Orton. Received March 21, 1905.

13106. LILIUM hyb.**Lily.**

Seedlings resulting from pollinating flowers of *Lilium longiflorum eximium giganteum* (S. P. I. No. 11583) with *Lilium harrisii*. Crossing done by Mr. G. W. Oliver in the Department greenhouse during 1904.

13107. PAPAVER SOMNIFERUM.**Poppy.**

From Philadelphia, Pa. Received thru Powers, Weightman & Rosengarter, March 21, 1905.

Opium seed from Asia Minor.

13108 to 13115. ROSA hyb.**Rose.**

From Sawbridgeworth, Herts, England. Received thru Thomas Rivers & Son, The Nurseries, March 23, 1905.

13108. *Conrad F. Meyer.*

13112. *Sour. de Christophe Cochet.*

13109. *Fimbriata.*

13113. *Blanche de Coubert.*

13110. *Mrs. Anthony Waterer.*

13114. *Thuiselda.*

13111. *Rose Apples.*

13115. *Repens Alba.*