

98165. CALYPTROGYNE OCCIDENTALIS
(Swartz) G. Maza. **Phoenixaceae.****Manaca palm.**

From Cuba. Plants presented by Robert M. Grey, superintendent, Atkins Institution of the Arnold Arboretum, Soledad, Cienfuegos. Received March 28, 1932.

A beautiful and rare native palm with a straight smooth stem sometimes reaching a height of 50 feet. The pinnate leaves are 8 to 12 feet long.

For previous introduction see 90869.

98166. BROSIMUM UTILE (H. B. K.)
Karst. (*B. galactrodendron* Don.).
Moraceae. Cow-tree.

From the Republic of Panama. Seeds presented by H. S. Blair, Puerto Armuelles, Province de Chiriqui. Received March 17, 1932.

A large tree up to 75 feet high, native to Central America. The elliptic-ovate coriaceous leaves, 4 to 10 inches long, are green above and golden-brown beneath. The globose receptacles bear one staminate and one pistillate flower, the latter developing into a fleshy yellow 1-seeded fruit. When incisions are made in the bark a milky liquid flows out which is said to be nourishing.

98167 to 98194.

From Tunisia. Scions and seeds presented by the chief of the agricultural service, Tunis, at the request of Professor Bioletti and Prof. R. W. Hodgson. Received March 30, 1932.

98167. CERATONIA SILIQUA L. Caesal-
pinaceae. Carob.

Scions of a hermaphroditic carob tree from Sfax.

98168 to 98173. MALUS SYLVESTRIS Mill.
(*Pyrus malus* L.). **Malaceae. Apple.**

Scions of indigenous varieties of apples.

98168. Bou Tubgaia from Tabarka.**98169 to 98172.** From Sfax.**98169. Ghara. 98171. Meski.****98170. Halou. 98172. Mestiri.**

98173. An unnamed variety from Tunis.

98174 to 98176. PISTACIA spp. Anacar-
diaceae.**98174. PISTACIA TEREBINTHUS L. False terebinth.**

Seeds of a locally grown variety.

98175 and 98176. PISTACIA VERA L. Pistache.

98175. Scions from a pistillate tree.

98176. Scions from a staminate tree.

98177. PRUNUS ARMENIACA L. Amygdala-
ceae. Apricot.

Amor-Leuch; scions from Sfax.

98178. PYRUS sp. Malaceae. Pear.

Scions of a native pear from the estate of M. Comte, at Sidi Bou Ali.

98179 to 98193. VITIS VINIFERA L. Vita-
ceae. European grape.

Scions collected at the School of Agriculture in Tunis.

98167 to 98194—Continued**98179. Baioudi Khchtn.****98180. Basegin blanc.****98181. Beldi.****98182. Chaouch rose.****98183. Sekesli.****98184. Hami, a thick-skinned type.****98185. Hami, a tough-skinned type.****98186. Kaali (Kahli).****98187. Marstiane.****98188. Medina.****98189. Muscat de Pantellana.****98190. Olivette blanche.****98191. Antigua.****98192. Arricha.****98193. Veditfren.****98194. ZIZIPHUS JUJUBA Mill. Rhamna-**
ceae. Common jujube.

Scions of a locally grown variety.

98195. PYRUS SALICIFOLIA Pall. Mala-
ceae. Willow-leaved pear.

From the Union of Soviet Socialist Republics. Seeds presented by V. P. Alekseev, plant introducer, Sukhum Subtropical Branch of the All-Union Institute of Plant Industry, Sukhum, Caucasus. Received March 24, 1932.

No. 135191. From Azerbaidjan, Divichinskii District, village of Bilidji. Collected by Rubtjor on an Asiatic expedition for the Institute of Plant Industry. A round-headed tree 20 to 25 feet high, with a short stout trunk and beautiful willow-like grayish to silvery leaves, 1 to 3 inches long, scarcely more than half an inch wide. The dense corymbs of white flowers are borne freely in April.

For previous introduction see 51885.

98196. SPINACIA OLERACEA L. Chenopo-
diaceae. Spinach.

From Africa. Seeds presented by Moses Albert Azancot, Tangier, Morocco. Received March 24, 1932.

A variety of spinach appreciated for its large size.

98197 to 98199.

From Scotland. Seeds presented by William Robb, director of research, Scottish Society for Research in Plant Breeding, Corstorphine, Midlothian. Received March 25, 1932.

A collection of forage grasses introduced for the use of Department specialists.

98197. DACTYLIS GLOMERATA L. Poaceae.
Orchard grass.

No. Cc 1.

98198. LOLIUM PERENNE L. Poaceae.
Perennial rye-grass.

No. Ca 1.

98199. PHLEUM PRATENSE L. Poaceae.
Timothy.

No. Cb 1.