

39332 to 39334—Con. (Quoted notes by Mr. B. H. Hunnicutt.)

season covers a number of months. It grows well on the poorest, driest grounds we have and blooms during the dry season. I think it has been cultivated in some gardens in Brazil, although I never have seen it. Ornamental only."

39334. STRYPHODENDRON BARBATIMAM Mart. Mimosaceæ.

Barbatimão.

"*Barbatimão.* The bark of this is used for tanning purposes."

"Total dissolved solids, 31.6 per cent; solids soluble in cold water, 28.6 per cent; nontannins, 6.7 per cent; tannins, 20.1 per cent." (Letter from Bureau of Chemistry, November 21, 1914.)

39335. DOLICHOS HOSEI Craib. Fabaceæ. **Sarawak bean.**

From Kuala Lumpur, Malay States. Presented by the director, Department of Agriculture. Received October 16, 1914.

Seed from plants sent by Mr. Hose to Kuala Lumpur Experimental Plantation.

"I have found a small creeping bean of the *Vigna* family which is indigenous to Sarawak, but as yet I have been unable to ascertain its name; and I think it is just possible that it has never been reported from Sarawak. This bean appears to fulfil all that is required (a low-growing leguminous plant which can be dug into the soil and reproduce itself in time to check the growth of weeds and grows readily from cuttings), but seeds are very difficult to procure. The flower is yellow and the leaf a rich light green; the roots do not penetrate the ground more than 1 inch; the plant forms a thick level mass about 6 inches thick on the ground; it will grow on almost any soil, but for preference a light soil, and in six months after planting should prevent all wash if planted 3 feet apart. I have been planting this bean with rubber for three years and have now 200 acres planted with it, and it has proved itself in every way a success." (*Hose, in Agricultural Bulletin of the Federated Malay States, p. 276.*)

39336. CHORISIA SPECIOSA St. Hil. Bombacaceæ. **Samuu.**

From Asuncion, Paraguay. Presented by Mr. C. F. Mead. Received October 15, 1914.

"Seeds of the *Samuu*, as called here. As to its beauty as an ornamental plant, I have every confidence in its making good. I wish to call your attention to one difference this variety has in comparison with the kind described in the department bulletins, which is that this tree does not need a humid atmosphere, and it will stand a very decided nip from frost, though to what degree I have not registered." (*Mead.*)

39337 to 39340. MANIHOT spp. Euphorbiaceæ. **Maniçoba.**

From Bahia, Brazil. Presented by Dr. V. A. Argollo Ferrão. Received October 5, 1914. Quoted notes by Dr. Argollo.

"The good name that *Jeque* rubber had was on account of being prepared in sheets and pure, because the *Manihot dichotoma* is tapped on the bark in *porangos* (tins) like *Hevea*, so such rubber is clean from impurities and is easily prepared in thin sheets of nice appearance. *Manihot heptaphylla* (Rio Sao Francisco zone) and *M. piauhyensis* (State of Piauhy) being tapped near the roots, if not tapped carefully, give rubber that has a large proportion of sand