

Annona squamosa L. (Annonaceae.) 41464. Seeds of sugarapple from Saigon, Cochin-China. Presented by Mr. P. Morange, Director of Agriculture. "These seeds are known in Cochin-China under the name *Pomme-cannelle du Cap*, 'Cape cinnamon-apple'. The flesh of fruits of this variety presents when ripe a firm texture, with seeds comparatively rare, and does not split open as is the case with the ordinary variety. This peculiarity allows the transportation of the fruit for long distances, and should certainly make its exportation easy." (Morange.)

Barleria cristata L. (Acanthaceae.) 41458. Cuttings from Manila, Philippine Islands. Presented by the Director, Bureau of Agriculture. "Philippine hedge plant, the best in the tropics. I think it never seeds." (O. W. Barrett.) "An erect or diffuse acanthaceous undershrub with the branches and upper surface of the leaves usually yellow-hairy; often compound, dense, ovate spikes of purple, blue, or white flowers. The corolla is about $1\frac{1}{2}$ inches long, the upper half funnel-shaped and spreading into ovate lobes $\frac{1}{2}$ inch in length. Wild everywhere in the lower hills of Northeastern and Central India and probably in the mountains of Southern India also." (Adapted from Hooker, Flora of British India, Vol. 4, p. 488, 1884.)

Benincasa hispida (Thunb.) Cogn. (Cucurbitaceae.) 41492. Seeds of wax gourd from Chungking, China. Presented by Mr. E. Widler. "*Tung Kwa*. A plant 20 to 30 feet long. Grows best in a climate with ranges in temperature from 70 to 110 degrees F.; takes about 6 months to mature; bears yellow flowers and fruits in the autumn. The fruit is 3 feet long and 2 feet in circumference, used only as a vegetable boiled and sweetened. It sells in the market at 25 cash per cattie." (Widler.)

Betula pendula Roth. (Betulaceae.) 41478. Birch seedlings presented by Mr. Norman M. Ross, Forestry Branch, Indian Head, Saskatchewan, Canada. "These seedlings came from seeds picked during the past 2 or 3 years, from trees grown from seed originally obtained in Russia, the plantations being set out in 1908 as two-year-old seedlings. These trees are planted 4 feet apart each way and show a height of from 12 to 16 feet." (Ross.)

Caraçana arborescens var. *prostrata* Lam. (Fabaceae.) 41480. Cuttings of Siberian peatree from Indian Head, Saskatchewan, Canada. Presented by Mr. Norman M. Ross, Forestry Branch. "A seedling grown, among thousands of others from seed picked in our ordinary hedges, probably about five years old, has a spread of about four feet. We find that probably one percent of the seedlings show the pros-